

Oracle® Business Process Analysis Suite

Method

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Primary Author: Jutta Heidens

Contributors: Sheela Vasudevan, Vishal Saxena, Cathleen Beutler, Monika Schutz, Michael Klein

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Contents

Preface	xxv
Audience	xxv
Documentation Accessibility	xxv
Related Documents	xxvi
Conventions	xxvi
 1 Introduction	
 2 Architecture of Integrated Information Systems (ARIS)	
The ARIS Architecture Concept	2-1
Descriptive Views	2-1
Descriptive Levels	2-5
 3 Process Chain Analysis	
Description of Business Management-Related Problems	3-1
Process Chain Diagrams (PCDs)	3-1
 4 Modeling within the Views and Levels of the ARIS Concept	
Function View	4-1
Requirements Definition	4-1
Function tree	4-2
Y Diagram	4-6
Objective diagram	4-6
Design Specification - Application System Type Diagram	4-7
Implementation - Application System Diagram	4-11
Data View	4-14
Requirements Definition	4-14
The Basic ERM Model	4-14
Extending the ERM - eERM	4-18
Alternative Forms of Representation	4-26
Summary of the Most Important Concepts and Forms of Representation of the eERM	4-28
Document Type Definition	4-29
Material Flow Modeling - Material Diagram	4-35
Modeling the Data Warehouse Structure	4-36

Authorization Hierarchy.....	4-36
Process Cost Management Data Model.....	4-37
Project Management Data Model	4-39
Design Specification.....	4-39
Relations Diagram, Attribute Allocation Diagram	4-40
Modeling of System Interface Models - System Attributes, System Attribute Domain	4-42
Implementation - Table Diagram.....	4-43
Organization View	4-46
Requirements Definition	4-46
Organizational Structure of the Company	4-46
Organizational chart.....	4-48
Shift calendar	4-53
Design Specification - Network Topology	4-55
Implementation	4-56
Network diagram.....	4-56
Material Flow Modeling - Technical Resources	4-58
Process View/Control View	4-60
Requirements Definition	4-60
Combining Functions with Organization EPC, Function/Organizational Level Diagram.....	4-60
Combining Functions with Data.....	4-61
Functions - Organization - Data.....	4-74
Object-Oriented Modeling.....	4-79
Process Variants	4-80
Material Flow Modeling	4-81
Role Assignment Diagram (RAD)	4-83
Other Models	4-84
Design Specification.....	4-105
Access Diagram.....	4-105
Program Flow Chart.....	4-108
Program Flow Chart (PF).....	4-109
Screen Diagram	4-110
Implementation - Access Diagram (Physical).....	4-112
Combining Functions with Data.....	4-112
Combining Organization with Data.....	4-113
Combining Organization with Functions.....	4-114
Product/Service Modeling	4-116
Product/Service Exchange Diagram.....	4-117
Product/Service Tree.....	4-118
Product Allocation Diagram.....	4-119
Product Tree.....	4-121
Product Selection Matrix.....	4-122
Competition Model.....	4-123

5 Unified Modeling Language in Oracle BPA Suite

Introduction.....	5-1
The UML Models	5-1

UML Class Diagram	5-1
UML Use Case Diagram.....	5-3
UML Activity diagram	5-5
UML Statechart Diagram	5-6
UML Collaboration Diagram	5-7
UML Component Diagram.....	5-8
Integration of UML Models and Other Oracle BPA Suite Models.....	5-9
Fundamental Relationships between Models	5-9
Relationships between UML Models	5-10
UML Class Diagram and UML Activity Diagram	5-10
UML Class Diagram and UML Statechart Diagram.....	5-10
UML Class Diagram and UML Collaboration Diagram	5-10
UML Use Case Diagram	5-11
Relationships to Other Oracle BPA Suite Models	5-11
UML Class Diagram and EPC.....	5-11
UML Statechart Diagram and EPC	5-11
UML Use Case Diagram and EPC.....	5-11
UML Activity Diagram and EPC.....	5-12
UML Class Diagram and eERM.....	5-12
UML Use Case Diagram and EPC.....	5-12
 6 Methods for Knowledge Management	
Introduction.....	6-1
Object Types for Modeling Knowledge Processing.....	6-1
Knowledge category	6-1
Documented knowledge	6-2
Model Types for Modeling Knowledge Processing.....	6-3
Knowledge structure diagram	6-3
Knowledge map	6-4
Representation of Knowledge Processing in Business Processes	6-5
 7 Use Case Scenarios	
General Company Documentation	7-2
Database Management/Data Warehousing	7-3
Groupware	7-3
PC Hardware and Network Management	7-4
Process Cost Management	7-4
Quality Management.....	7-5
Reorganization Measures	7-5
Software Development and Introduction.....	7-6
Knowledge Management.....	7-7
Workflow Management.....	7-7
 8 E-Business Scenario Diagram	
Introduction.....	8-1
The Method of the E-Business Scenario Diagram	8-2

The Idea	8-2
The Model and its Objects.....	8-3
Transmission Type Attribute Group	8-4
Evaluations Using Reports	8-4
Checking Data Security	8-4
System Support.....	8-5
Information Flow	8-5
Connecting to Other Methods and Components	8-5

9 IT City Planning

The Look of New and Successful Corporate Architectures	9-1
Organizational Requirements of IT Projects	9-2
Technological Requirements.....	9-2
Enterprise Architecture and IT City Planning.....	9-2
Which Companies Could Benefit from IT City Planning?	9-3
IT City Planning with Oracle BPA Suite	9-3
IS View	9-4
Functional Clusters and their Data	9-8
Detailed Description of Clusters.....	9-9
Chronological-Logical Procedures Between IS Elements	9-10
IT View	9-10
IT Elements and their Data.....	9-11
Detailed Description of IT Elements.....	9-12
Organizational Aspects	9-12
Chronological-Logical Procedures Between IT Elements	9-13
Chronological-Logical Procedures within the Architecture	9-13
Evaluation Options	9-14

10 Business Process Modeling

The BPMN Description Language.....	10-1
Process Classes and the Business Process Diagram	10-1
Implementing BPMN in Oracle BPA Suite.....	10-3
Elements of the Business Process Diagram	10-3
Pools and Lanes.....	10-3
Modeling Guidelines for Pools and Lanes	10-4
Sequence Flow	10-4
Modeling Guidelines for Sequence Flow Connections	10-5
Message Flow	10-5
Modeling Guidelines for Message Flow Connections.....	10-5
Association.....	10-6
Events.....	10-6
Modeling Guidelines for Events.....	10-7
Activities.....	10-8
Modeling Guidelines for Activities	10-8
Gateway.....	10-9
Modeling Guidelines for Gateways	10-10
Artifact.....	10-11

Illustration Sources	10-12
11 BPEL for Web Services in Oracle BPA Suite	
BPEL Process	11-1
BPEL Activities	11-7
BPEL Allocation Diagram.....	11-19
BPEL Extensibility in Oracle BPA Suite BPEL Notation	11-19
Introduction	11-20
What is Displayed in the Extension Dialog Boxes?.....	11-20
What Do You Need to Take into Account when Modeling Extensions?	11-21
12 Literature List	
General Literature List	12-1
Chapter-Related Literature List	12-2
Chapter 5: Unified Modeling Language	12-2
Standard Definitions for UML	12-2
Using UML.....	12-2
UML and Business Process Modeling.....	12-2
Chapter 6, Methods for Knowledge Management.....	12-2
Knowledge Management, General.....	12-2
Using ARIS for Knowledge Management.....	12-2
Chapter 9: IT City Planning	12-3
Chapter 10: Business Process Modeling	12-3
13 ARIS Method Items	
Model Types - Specific Object Types	13-1
Access diagram.....	13-1
Access diagram (physical)	13-2
Application system diagram	13-3
Application system type diagram	13-4
Application system type diagram (column display)	13-5
Attribute allocation diagram	13-5
Authorization hierarchy	13-5
Authorization map	13-5
BPEL allocation diagram	13-6
BPEL process	13-6
Business controls diagram	13-6
Business process diagram (BPMN)	13-7
Business segment matrix	13-8
c3 method	13-8
CD Diagram	13-9
Class diagram	13-9
Classification diagram	13-9
Communications diagram	13-9
Competition model	13-9
Cost category diagram	13-10

DTD	13-10
DW structure	13-10
DW transformation	13-10
E-Business scenario diagram	13-10
eERM	13-11
eERM attribute allocation diagram	13-11
Enterprise architecture model	13-12
Enterprise architecture model (column display)	13-12
EPC	13-12
EPC (column display)	13-13
EPC (horizontal table display)	13-15
EPC (instance)	13-16
EPC (material flow)	13-17
EPC (row display)	13-19
EPC (table display)	13-20
Event diagram	13-22
Function allocation diagram	13-22
Function allocation diagram (instance)	13-24
Function tree	13-25
Function/organizational level diagram	13-25
IE Data model	13-25
Industrial process	13-26
Information carrier diagram	13-26
Information flow diagram	13-27
Input/Output diagram	13-27
Input/Output diagram (inverse)	13-27
IS activation model	13-27
IS context model	13-28
Knowledge map	13-29
Knowledge structure diagram	13-29
KPI allocation diagram	13-29
Material diagram	13-30
Material flow diagram	13-30
Network diagram	13-30
Network topology	13-31
Objective diagram	13-31
Office process	13-32
OMT Class description model	13-32
OMT Data value decomposition	13-32
OMT Dynamic model	13-33
OMT Functional model	13-33
OMT Object model	13-33
Organizational chart	13-33
PCD	13-34
PCD (material flow)	13-35
PPC	13-37
Privileges diagram	13-37

Process instantiation model	13-37
Process selection diagram	13-38
Process selection matrix	13-38
Product allocation diagram	13-38
Product selection matrix	13-39
Product tree	13-39
Product/Service exchange diagram	13-39
Product/Service exchange diagram (graphic).....	13-39
Product/Service tree	13-40
Product/Service tree (graphic).....	13-40
Program flow chart	13-41
Program flow chart (PF).....	13-42
Quick model	13-42
RAD	13-42
RAMS	13-42
Relations diagram	13-43
Risk diagram	13-43
Role diagram	13-43
Rule diagram	13-43
Screen design	13-44
Screen diagram	13-44
Screen navigation	13-45
SeDaM model	13-45
Shift calendar	13-45
Structuring model	13-46
System attribute domain	13-46
System attributes	13-46
Table diagram	13-46
Technical resources	13-47
Technical terms model	13-47
UML Activity diagram	13-47
UML Class description diagram	13-48
UML Class diagram	13-48
UML Collaboration diagram	13-49
UML Component diagram	13-49
UML Deployment diagram	13-49
UML Sequence diagram	13-50
UML Statechart diagram	13-50
UML Use case diagram	13-50
Value-added chain diagram	13-51
Y diagram	13-51
Model Types - Connection Types/Assignment Relationship Types	13-51
Access diagram.....	13-52
Access diagram (physical)	13-80
Application system diagram	13-100
Application system type diagram.....	13-102
Application system type diagram (column display)	13-107

Attribute allocation diagram	13-108
Authorization hierarchy	13-108
Authorization map	13-109
BPEL allocation diagram	13-110
BPEL process	13-115
Business controls diagram	13-121
Business process diagram (BPMN)	13-123
Business segment matrix	13-127
c3 method	13-127
CD Diagram	13-131
Class diagram	13-131
Classification diagram	13-133
Communications diagram	13-134
Competition model	13-134
Cost category diagram	13-134
DTD	13-134
DW structure	13-137
DW transformation	13-137
E-Business scenario diagram	13-138
eERM	13-139
eERM attribute allocation diagram	13-141
Enterprise architecture model	13-143
Enterprise architecture model (column display)	13-143
EPC	13-144
EPC (column display)	13-180
EPC (horizontal table display)	13-215
EPC (instance)	13-250
EPC (material flow)	13-272
EPC (row display)	13-310
EPC (table display)	13-345
Event diagram	13-381
Function allocation diagram	13-385
Function allocation diagram (instance)	13-420
Function tree	13-442
Function/organizational level diagram	13-442
IE Data model	13-442
Industrial process	13-444
Information carrier diagram	13-469
Information flow diagram	13-470
Input/Output diagram	13-470
Input/Output diagram (inverse)	13-471
IS activation model	13-471
IS context model	13-478
Knowledge map	13-485
Knowledge structure diagram	13-486
KPI allocation diagram	13-487
Material diagram	13-491

Material flow diagram.....	13-491
Network diagram.....	13-492
Network topology.....	13-494
Objective diagram.....	13-496
Office process.....	13-497
OMT Class description model.....	13-522
OMT Dynamic model.....	13-522
OMT Functional model.....	13-523
OMT Object model.....	13-523
Organizational chart.....	13-524
PCD.....	13-528
PCD (material flow).....	13-563
PPC.....	13-600
Privileges diagram.....	13-601
Process instantiation model.....	13-606
Process selection diagram.....	13-606
Process selection matrix.....	13-606
Product allocation diagram.....	13-607
Product selection matrix.....	13-610
Product tree.....	13-610
Product/Service exchange diagram.....	13-610
Product/Service exchange diagram (graphic).....	13-613
Product/Service tree.....	13-617
Product/Service tree (graphic).....	13-620
Program flow chart.....	13-623
Program flow chart (PF).....	13-652
Quick model.....	13-652
RAD.....	13-652
RAMS.....	13-653
Relations diagram.....	13-653
Risk diagram.....	13-654
Role diagram.....	13-654
Rule diagram.....	13-659
Screen design.....	13-659
Screen diagram.....	13-664
Screen navigation.....	13-666
SeDaM model.....	13-668
Shift calendar.....	13-669
Structuring model.....	13-669
Table diagram.....	13-669
Technical resources.....	13-670
Technical terms model.....	13-672
UML Activity diagram.....	13-673
UML Class description diagram.....	13-682
UML Class diagram.....	13-683
UML Collaboration diagram.....	13-722
UML Component diagram.....	13-726

UML Deployment diagram	13-735
UML Sequence diagram.....	13-753
UML Statechart diagram.....	13-757
UML Use case diagram	13-762
Value-added chain diagram	13-776
ARIS Object Types	13-778
Object Types.....	13-778
Object Type Specific Attribute Types.....	13-882
Action.....	13-882
Activity graph.....	13-882
Actor.....	13-882
Application system	13-883
Application system class.....	13-883
Application system type	13-883
Argument.....	13-884
Artifact.....	13-884
Association.....	13-884
Association class.....	13-885
Association instance	13-885
Association role	13-885
Attribute	13-886
Attribute link	13-886
Attribute type	13-886
Attribute type group.....	13-886
Authorization condition.....	13-887
Bitmap.....	13-887
Break	13-887
Business object.....	13-887
Business rule	13-888
Business segment	13-888
Button	13-888
Class	13-888
Classification criterion.....	13-889
Classifier role	13-889
Classifier-in-state.....	13-889
Cluster instance	13-890
Cluster/Data model.....	13-890
Collaboration	13-890
Collaboration instance set.....	13-890
Column.....	13-891
Combo box	13-891
Communication.....	13-891
Complex object.....	13-891
Complex object type	13-891
Component	13-891
Component instance	13-892
Conditional section	13-892

Connector	13-892
Constraint.....	13-892
Contents.....	13-892
Cost category	13-893
Cost driver.....	13-893
COT attribute.....	13-893
COT attribute (instance).....	13-893
Critical factor	13-893
Data store	13-894
Data value	13-894
DBMS	13-894
DBMS type	13-894
Distribution channel.....	13-894
Documented knowledge.....	13-895
Domain	13-895
Domain (physical).....	13-895
Draft list.....	13-895
Employee variable	13-895
Entity.....	13-895
Entity type.....	13-896
Enumeration	13-896
Enumeration attribute type	13-897
Enumeration literal.....	13-897
Enumeration occurrence	13-897
ERM attribute	13-897
ERM attribute instance.....	13-899
ERM domain.....	13-899
Event	13-899
Event instance.....	13-901
Exception.....	13-901
Extension point.....	13-902
Field.....	13-902
Field (specimen)	13-902
Function.....	13-902
Function instance	13-909
Functional cluster.....	13-911
General resource	13-911
Generalization type.....	13-911
Graphical user interface type	13-912
Group.....	13-912
Hardware component	13-912
Hardware component class	13-913
Hardware component type	13-913
Improvement potential	13-913
Index	13-913
Information carrier.....	13-914
Information flow	13-914

Instantiation cycle	13-915
Instantiation interval	13-915
Instantiation plan	13-915
Interaction instance set	13-915
IS function	13-915
IS service	13-916
IT function	13-916
IT function class	13-916
IT function type	13-916
Item type	13-917
Knowledge category	13-917
KPI instance	13-917
Lane	13-918
Layout	13-918
Link object	13-919
List	13-919
List control	13-919
Location	13-919
Loop start	13-919
Main process	13-919
Marketing instrument	13-920
Material class	13-920
Material flow	13-920
Material type	13-920
Measurement unit	13-920
Measurement unit number	13-920
Memory location	13-921
Module	13-921
Module class	13-921
Module type	13-921
Need	13-922
Network	13-922
Network class	13-922
Network connection	13-922
Network connection type	13-922
Network node	13-923
Network node type	13-923
Network type	13-923
Note	13-923
Object instance	13-923
Object type class	13-924
Objective	13-924
Operating resource	13-924
Operating resource class	13-925
Operating resource type	13-925
Operating system	13-925
Operating system type	13-926

Operation	13-926
Organizational chart.....	13-926
Organizational level	13-926
Organizational unit.....	13-926
Organizational unit type.....	13-927
Package	13-928
Packaging material class	13-928
Packaging material type.....	13-928
Page.....	13-929
Parameter	13-929
Partition	13-929
Partner	13-929
Partner link	13-930
Person	13-930
Person type	13-931
Pool.....	13-931
Position	13-931
Process	13-932
Product/Service	13-932
Product/Service characteristic.....	13-934
Profile.....	13-934
Program library	13-934
Program module	13-934
Program module type	13-934
Programming language	13-934
Protocol.....	13-935
Quick object	13-935
Radio button/Check box	13-935
Reception.....	13-935
Relation.....	13-935
Relationship	13-936
Relationship type	13-936
Risk.....	13-936
Risk category.....	13-938
Rule	13-938
Rule instance.....	13-938
Screen.....	13-939
Screen design	13-939
Screen table	13-939
Section.....	13-939
Security protocol	13-939
Separator	13-939
Sequence.....	13-939
Shift	13-940
Shift cycle	13-940
Shift plan	13-940
Signal	13-940

Socket.....	13-940
Sp./gen. operator.....	13-941
Spin box.....	13-941
State.....	13-941
State machine.....	13-941
Stereotype.....	13-941
Structural element.....	13-942
Subsystem.....	13-942
Subsystem instance.....	13-942
System attribute.....	13-942
System attribute domain.....	13-943
System organizational unit.....	13-943
System organizational unit type.....	13-943
Table.....	13-943
Tables (specimen).....	13-943
Tag definition.....	13-944
Tagged value.....	13-944
Tech. operating supply class.....	13-944
Technical operating supply.....	13-944
Technical operating supply type.....	13-945
Technical term.....	13-945
Technical terms instance.....	13-946
Test definition.....	13-946
Text.....	13-946
Text box.....	13-946
Tool.....	13-946
Transaction folder.....	13-946
Transport system.....	13-947
Transport system class.....	13-947
Transport system type.....	13-947
Tree control.....	13-948
UML Model.....	13-948
Use case instance.....	13-948
View.....	13-949
View (physical).....	13-949
Warehouse equipment.....	13-949
Warehouse equipment class.....	13-949
Warehouse equipment type.....	13-950
Workflow pattern.....	13-950
XOR.....	13-950
ARIS Attribute Types.....	13-950
Possible Attribute Values.....	13-951
Domain: Integer and Floating Point Numbers.....	13-1004
Attribute Type Groups.....	13-1005
Hidable/Displayable Model Types.....	13-1009
Number of Possible Assignments.....	13-1017
Classification of Models.....	13-1041

Layout Classes	13-1041
Assignment of Models to Layout Classes.....	13-1042
Implicit Relationships in Swimlane Models	13-1043
Implicit Relationships - EPC (Column/Row Display)	13-1043
Implicit Relationships of the Input/Output Diagram	13-1046
Implicit Relationships of the UML Activity Diagram	13-1046
Implicit Relationships of the PCD	13-1046
Implicit Relationships of the PCD (Material Flow).....	13-1047
Model Types (ModelTypeNum)	13-1047
Object Definitions (ObjTypeNum)	13-1050
Connection Def. (CxnTypeNum)	13-1055
Object symbols (SymbolNum)	13-1066
Attr. Number, Length, Data Type	13-1082
Columns/Rows (LaneTypeNum)	13-1136
Enum. Values (AttrValueType)	13-1138

List of Figures

Process Model Views	3
ARIS Analytical Views of the Process Model	4
Descriptive Levels of an Information System	6
ARIS concept	7
Example of a Process Chain Diagram	2
Representation of the "Verify customer inquiry" Function	1
Function Tree (Extract)	2
Object-Oriented Function Tree	3
Process-Oriented Function Tree	4
Execution-Oriented Function Tree	5
Y Diagram	6
Example of an Objective Diagram	7
Graphical Representation of an Application System Type	8
Modular Structure of an Application System Type	9
Graphical Representation of an IT Function Type	9
Allocation of Functions to Application System Types	10
Configuring the Application System Type	10
Screen and List Assignments	11
Graphical Representation of the Application System and the Module	12
Assignment of Application Systems to their Application System Types	12
Different Modular Structure of Two Application Systems of the Same Type	13
Assignment of Application System Types, Program Module Types, and Program Modules	13
Examples of Entity Types	15
Examples of Attributes for the CUSTOMER Entity Type	15
Example of a Relationship Type	16
Representation of Cardinalities in the ERM	17
ERM for a Bill of Materials	18
Assignment of Attributes in the ERM	18
Classification of Customers	19
Generalization/Specialization	20
Completely Described Specialization	20
Example of Aggregation	21
Aggregation with Reinterpreted Relationship Types	21
Data Cluster (Graphic Symbol)	22
Data Cluster View of Several Objects	22
Grouping	23
Upper/Lower Limit (1)	23
Upper/Lower Limit (2)	23
Upper/Lower Limit (3)	23
Upper/Lower Limit (4)	24
Existence dependence	24
Technical Terms	25
Connections between Technical Terms	25
Allocation of ERM Attributes to an Entity Type	26
Illustration of an Attribute Type Group	26
Data Model in IE Notation	27

Data Model in SeDaM Notation	27
eERM: Concepts and Forms of Representation	28
DTD Element Type with Pure Text Contents	29
Element Types with Mixed Content and Conversion in the DTD	30
Element Type with an Enumeration Attribute Type	33
Example of a Material Diagram	35
Data Warehouse in the Star Schema	36
Authorization Hierarchy	37
Example of a CD Diagram	38
Example of a Cost Category Diagram	39
Information Carrier Diagram	39
Graphical Representation of the Relation	40
Assignment of the Requirements Definition Attributes and Data Objects	41
Attribute allocation diagram	41
Definition of a View	42
Allocation of ERM Relationship Type to Attribute	42
Example of "System Attributes" Model	43
System Attribute Domain	43
Graphical Representation of Table and Field	44
Field Allocations	44
Allocation of Objects of the Requirements Definition and the Design Specification	45
Table Specimens	46
Organizational Breakdown by Product	47
Hybrid Organizational Forms	48
Organizational Chart	49
Organizational Chart with Position and Person Allocation	50
Person Types	51
Location Allocations	52
Location Hierarchies	53
Example of a Shift Calendar	54
Graphical Representation of a Network Type	55
Network topology	56
Network Diagram with Location Allocation	57
Network Diagram with Hardware Components and Location Allocation	58
Example of a "Technical Resources" Model	60
Allocation of Organizational Elements to Functions	61
Events (Graphical Representation)	62
Example of an EPC	63
Examples of Rules	63
Logic Operators (Rules)	65
AND Operator for Triggering Events	66
XOR Operator for Triggering Events	66
AND Operator for Created Events	66
OR Operator for Created Events	67
XOR Operator for Created Events	67
AND Operator of Functions with Created Events	67
OR Operator of Functions with Created Events	68

XOR Operator of Functions with Created Events	68
AND Operator of Functions with Triggering Events	68
Example of a Function Allocation Diagram (I/O)	69
Detailed Representation of the Function Allocation Diagram	70
EPC with Input/Output Data	71
EPC with Input/Output Data	72
Information Flow Diagram with Open Assignment Wizard	73
Example of an Event Diagram	74
Example of a Process Chain (Requirements Definition)	75
EPC with Functions, Data, Organizational Units, and Events	76
Value-Added Chain	76
Illustration of Complex Operators in the Rule Diagram	78
Input/Output Diagram	79
Class Diagram for the Customer Order Class	80
Extract from an EPC (Material Flow)	82
EPC (column display)	83
Role Assignment Diagram (RAD - Role Assignment Diagram)	84
Example of a Business Controls Diagram	85
DW Transformation Data Transformation of a Data Warehouse	86
Example of an E-Business Scenario Diagram for the Motor Industry	88
Example of a Structuring Model (Extract from VDA 6.2 Standard)	89
Comparison of Symbols for the EPC, Industrial Process, and Office Process Model Types	92
Example of Facts Being Represented in the EPC, Industrial Process, and Office Process Model Types	92
Example of a PPC Created from an EPC	93
Process instantiation model	95
Example of a RAMS Diagram	96
Role Diagram	98
Structure of a c3 Model	100
Example of a Screen Design for a Registration Dialog and Implementation in C++	102
Example of Screen Navigation with Events	103
Example of a Business Segment Matrix	104
Report	105
Information Flow between Application System Types	106
I/O Data at the Design Specification Level	106
Access Privileges	107
Definition of Responsibilities	107
Access Diagram (Excerpt)	108
Example of a Program Flow Chart (PF)	109
Example of a Screen Diagram	111
Screen Derived from Screen Diagram	112
Data Flow	113
Input/Output Relationships	113
Assignments to Hardware Components	114
Hardware Component as Platform	115
Users and Application System	115
Location Allocations	116

Example of Products/Services Exchange in a Software Company	118
Product/Service Tree	119
Example of a Product Allocation Diagram	120
Product Allocation Diagram - Current Account	121
Classification of the "Residents and Citizenship Affairs" Product Group Using a Product Tree	122
Product Selection Matrix of the Social Welfare Office	123
Competition in the Sports Car Market	124
UML Class Diagram - Associations	2
UML Class Diagram - Inheritance Relationships	3
UML Use Case Diagram	4
UML Activity diagram	6
UML Activity diagram	7
UML Collaboration Diagram	8
:Example of a UML Component Diagram	9
Knowledge structure diagram	3
Knowledge Map - Relating to Organizational Units	4
Knowledge Map - Matrix Representation	5
Knowledge Processing in an EPC	6
Transaction Options in E-Business	2
The Objects in the E-Business Scenario Diagram	4
Excerpt from the "Online Shop" E-Business Scenario	6
Excerpt from the Pipeline Diagram	7
Excerpt from the DTD: Ordering	8
Process, IS and IT View	4
Zones of a Company's Information System	5
Zone Divided into Districts	6
District Divided into Building Clusters	6
"Personnel support" Building Cluster Divided into Functional Blocks	7
IS Functions and IS Services of the "Salaries" Functional Block	8
"is owner of" Connection between Symbols of the IS View and Relationship and Entity Types	9
"supports" Connection between IS Elements and Function	10
Subsystem Structure of the DATEV System	11
Detailed Description of IT Elements in the Access Diagram	12
Influences and Effects of the Technical Infrastructure	13
Integration of IS and IT Elements into a Chronological-Logical Procedure	14
Two Pools with Sequence and Message Flow	3
Pool with Two Lanes According to BPMN	4
Sequence Flow Connection	4
Message Flow Connection	5
Association Connections	6
Event Categories	6
Examples of Event Types	7
Activities According to BPMN	8
Assigned Function as Activity in Oracle BPA Suite	8
Gateway Types	10
E-Mail Voting Process	12
Order Processing	3

Variables	4
Variable Definition of the Example	5
PartnerLinks from the Example	6
Fault Handling Based on a Specific Error	7
Receive	8
Reply	9
Invoke	10
Assign	11
Throw	11
Wait	12
Empty	12
Terminate	13
Sequence	13
Switch	14
While	14
Pick	15
Flow	16
Scope	16
Compensate	17
BPEL Process - Order Processing	18
BPEL Process - Flow	19

Preface

This Preface contains the following topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

Audience

Oracle Business Process Analysis Suite Method is intended for system administrators who perform the following tasks:

- Unexperienced users of Oracle Business Process Architect - Quick Start Guide

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- *Oracle Business Process Architect - Quick Start Guide*
- *Oracle Business Process Publisher - Quick Start Guide*
- *Oracle Business Process Analysis Suite - Installation Guide*
- *Oracle Business Process Analysis Suite - Administration Guide*
- *Oracle Business Process Analysis Suite - XML-Export/Import Interface*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Introduction

Due to an increasing standardization and a dramatic drop in hardware prices the approaches to the development of information systems have changed considerably.

In the past, the industry focused mainly on optimizing system design and system integration. In recent years, however, the focus has shifted more and more towards creating solutions for the special demands of individual sectors. Decentralized information systems are increasingly available and these units can be combined into integrated information system infrastructures. This offers new potential for savings in the organizational environment of business processes.

Solidifying organizational structures which were functionally divided but had a central orientation and were often dependent on the limited possibilities of centralized host environments led to an increasing inflexibility in the companies. In the beginning, few people realized or paid attention to the new potential opening up thanks to an increasing decentralization of computers and computer services, as well as to the new information system architecture concepts (e.g., client-server, workflow management) that these involved. Today, steadily intensifying competition has turned this potential into the hottest topic for every single company. Flexible structures which persistently focus on internal business processes are becoming the decisive competition factor for companies. However, only a holistic view of all business processes enables a company to recognize, streamline, and support interconnected processes through optimized information system infrastructures. Compared with the management of centralized business environments, the management of these new structures is becoming more and more complex. In this context, clearly and uniformly defined responsibilities, maximum transparency of structures, a homogeneous communication basis integrating all company levels, and streamlined project management based on business objectives are vital for success.

Company modeling methods offer support in mastering these complex tasks. Business models are a crucial prerequisite for analyzing business processes, bringing projects in line with the overall business objectives, and finding the perfect information system infrastructures in the form of a compound of distributed, integrated systems to support these lean organizational structures.

Modeling the company's actual situation - and, in doing so, increasingly examining holistic business processes - is coming more and more to the foreground of the discussion. The increasing availability of the most varied modeling methods adds impetus to this trend, but the multitude of methods also leads to increasing complexity and confusion.

Consequently, efforts are being made to define standardized general concepts (architectures) for development and modeling methods.

One of these architectures is the **Architecture of Integrated Information Systems** (ARIS©) developed by Scheer (see Scheer, Architecture of Integrated Information

Systems, 1992). This architecture concept enables methods to be evaluated and organized by focusing on their key points, and it serves as an orientation framework for complex development projects because due to its structuring elements, it contains an implicit procedural model for the development of integrated information systems.

An architecture of this kind naturally leads towards standardization in the use of methods. Therefore, existing and new modeling methods based on the ARIS architecture have been combined to form a holistic method for modeling business processes.

Futhermore, the ARIS architecture served as a basis for Oracle in developing their Oracle Business Process Analysis Suite (Oracle BPA Suite). Oracle Business Process Architect supports consultants and companies in creating, analyzing and evaluating business processes in terms of business process reengineering.

This manual gives you a first introduction to the modeling methods provided in Oracle Business Process Architect. Furthermore, this manual provides excellent support for users who deal with modeling methods in general.

The second chapter of the manual briefly introduces the structure and structural elements of the ARIS architecture.

Chapters 3 and 4 describe the modeling methods based on this structure. The structure of chapter four strictly follows the ARIS architecture structure. This intends to illustrate the association of the individual modeling methods with the structural elements of the ARIS architecture. The subchapters are divided into the different ARIS architecture views, which in turn are based on the individual phases of the level concept (see chapter2).

Chapter 5 explains the application of the Unified Modeling Language in Oracle BPA Suite.

Chapter 6 describes knowledge management methods.

Chapter 7 provides you with Oracle BPA Suite solutions for specific business management-related problems. The problems are presented in the form of scenarios with a view to specific tasks.

The significance of the **eBusiness Scenario Diagram** and **cBusiness Maps** model types is explained in chapter 9.

Chapter 9 explains how the corporate architecture can be planned and modeled with IT City Planning.

In chapter 10, you learn how Business Process Modeling is realized using the **BPML** description language.

In chapter 11, the usage of Business Process Execution Language for Web Services (BPEL4WS or BPEL) is described. The underlying models are shown as examples.

This chapter is followed by the literature list that contains a listing relating to chapters and the table of figures.

The chapter on **ARIS Method Items** includes a list of models and object types including their relationships available in Oracle BPA Suite. It also contains a list of object types with their assigned symbol and attribute types. All attribute types including their possible attribute values and attribute type groups are listed, as well. Following are lists of model types that can be shown and hidden, and the number of possible object assignments as well as the classification of the most important models for layout generation or for an sequence report. After, the implicit relationships are listed that are created in Swimlane models (i.e., in column and row-oriented models as soon as you place the corresponding object types). Finally, a list shows all models,

objects, connections, and symbols including type numbers. Additionally, the list contains data types of the attributes, columns with column numbers, and attribute type content.

Architecture of Integrated Information Systems (ARIS)

2.1 The ARIS Architecture Concept

The design of Architecture of Integrated Information Systems (ARIS) is based on an integration concept derived from a holistic analysis of business processes. The first step in creating the architecture is the development of a model for business processes which contains all basic features for describing business processes. The result is a highly complex model, which is divided into individual views in order to reduce its complexity. This division enables the content of the individual views to be described by special methods suitable for this view without the user having to pay attention to the numerous relationships and interrelationships with the other views. The relationships between the views are incorporated later and combined to form an overall analysis of process chains without any redundancies.

A second approach that also reduces complexity is the analysis of different descriptive levels. Following the concept of a lifecycle model, the various description methods for information systems are differentiated according to their proximity to information technology. This ensures a consistent description from business management-related problems all the way to technical implementation.

Thus, the ARIS concept represents the framework for the development and optimization of integrated information systems and a description of their implementation. In this context, emphasizing the subject-related descriptive level results in the ARIS concept being used as a model for creating, analyzing, and evaluating business management-related process chains. Scheer describes the architecture of integrated information systems in more detail (see Scheer, *Architecture of Integrated Information Systems* 1992, and Scheer, *ARIS - Business Process Frameworks*, 1998).

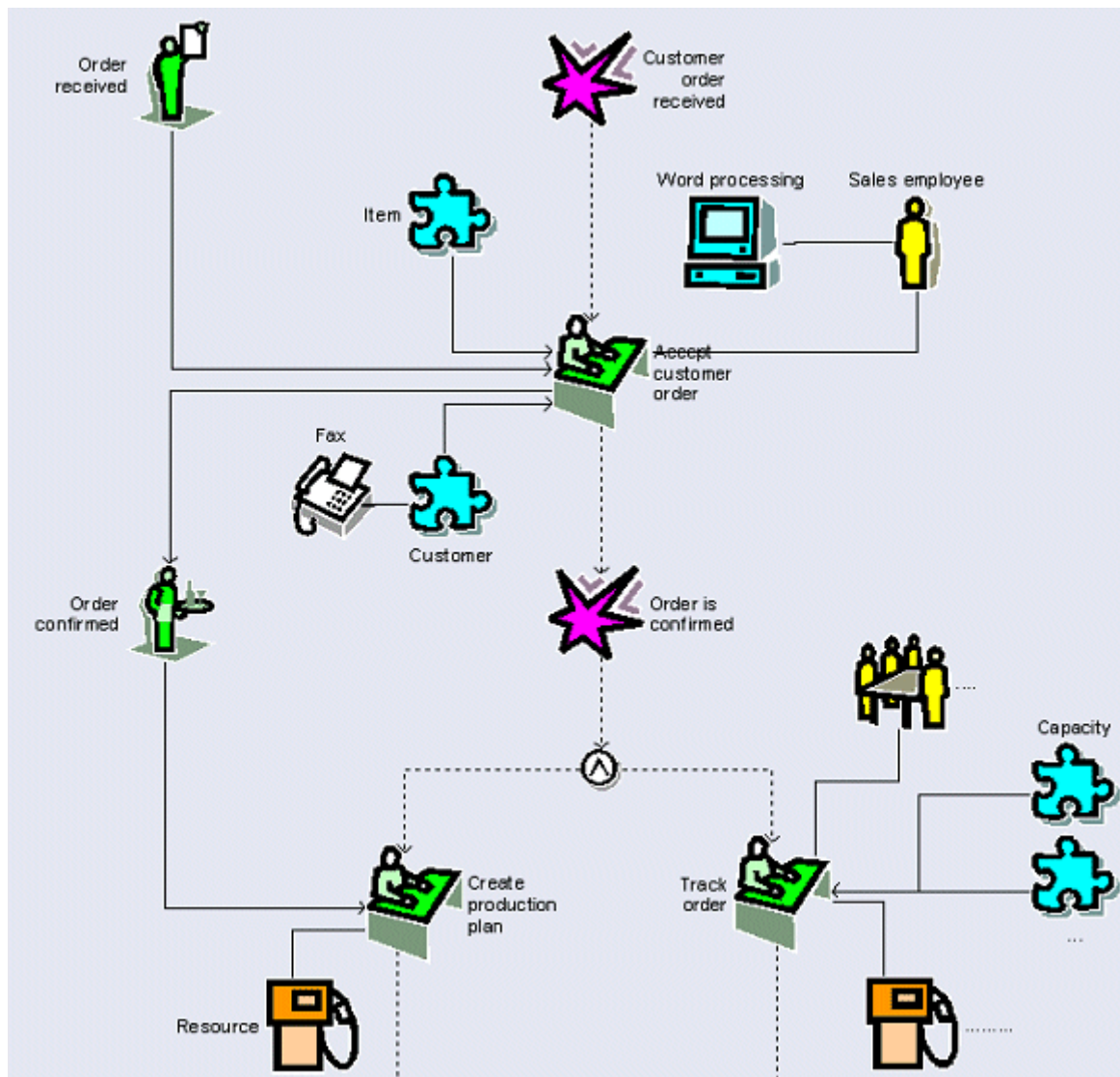
2.2 Descriptive Views

The analysis starts with a business process like the one shown in Figure 2-1.

The process is triggered by the **Customer order received** event. In turn, this event activates the **Accept customer order** function (procedure). State descriptions for the relevant procedure environment are necessary in order to execute this procedure. In particular, this includes data pertaining to the customer and the item. The state of the environment objects can change during workflow processing, for example, if the items' inventory data is updated with new reservation data.

The procedures are carried out by sales employees who can be assigned to departments. The department uses specific information technology resources (personal computers, printers, etc.) to perform its tasks.

Once the Accept customer order procedure is completed, the Order is confirmed event occurs that, again, triggers further procedures (e.g., Track order or Create production plan). The Order object is now in a new state because the Order received object has become an Order confirmed object. Executing the Accept customer order function has resulted in a product/service that is used together with personnel and technical resources as input for processing the subsequent procedures.

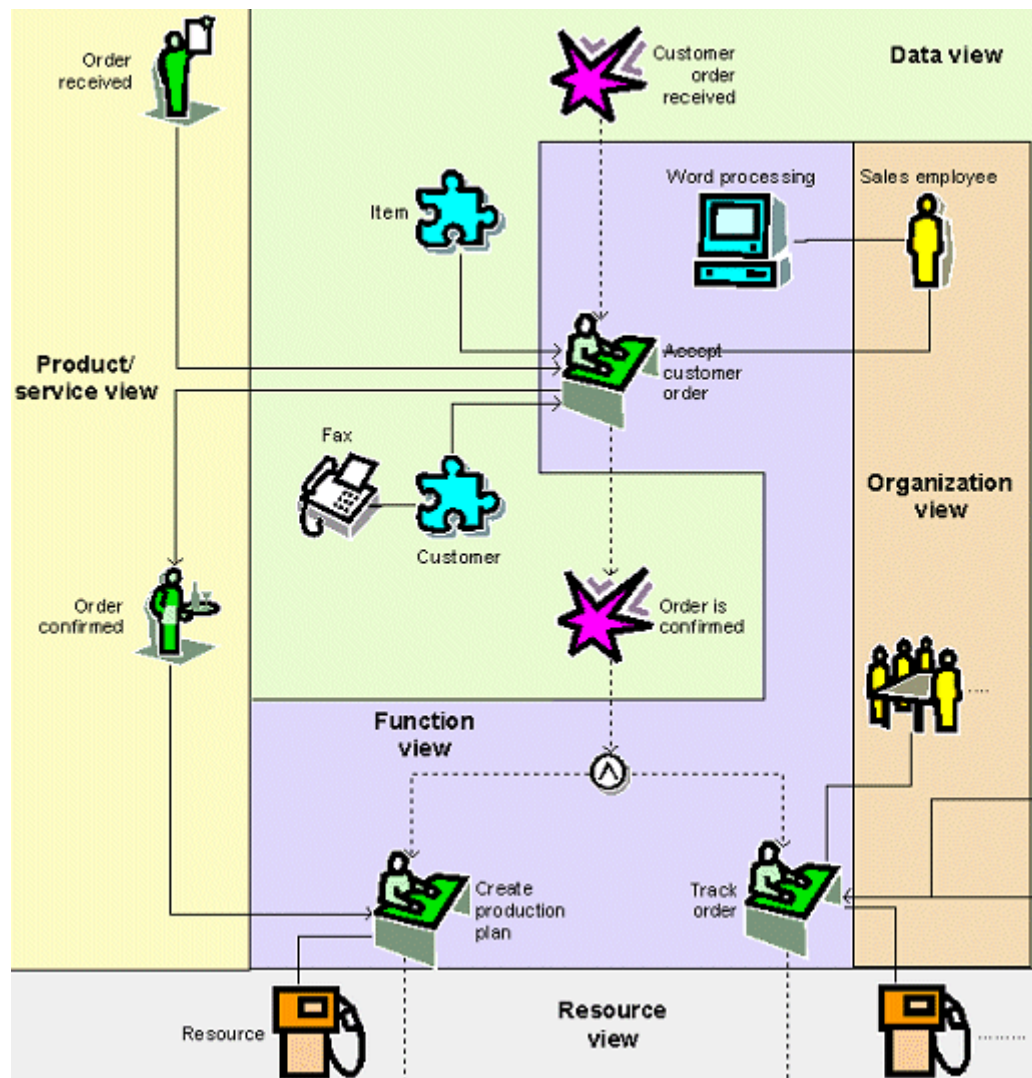


The components necessary to provide a full description of a business process are thus procedures, events, products/services (statuses), processors, organizational units and information technology resources. Considering all effects on all elements of the procedure for every event would complicate the model extremely and lead to redundancies in the description.

To reduce complexity, the general context is divided into individual views (see Figure 2-2) that represent individual modeling and design aspects (see Scheer, *Architecture of Integrated Information Systems* 1992, p. 13 ff.). These can be processed largely independently of each other. The views are divided in such a way that relationships

between the components within a view are quite numerous, while there are only relatively few relationships between the views.

Figure 2–1 Process Model Views



Events, such as **Customer order** received or Invoice produced define the occurrence of a state change of information objects (data). Events are described in the data view of the ARIS architecture.

The states in the objects' environment, (e.g. in the reference field of the customer order) are represented by products/services. A product/service can be either a product or a service. Services that create and provide information are information services. The provision of financial resources is also included in products/services. Relationships between products/services are described in the ARIS architecture's Product/Service view.

The functions (processes) to be performed and their interrelationships form a second view, the function view. It contains the description of the function, an enumeration of the individual subfunctions that are part of the overall context, and the relationships that exist between the functions.

The organization view represents a combination of users and organizational units as well as their relationships and structures.

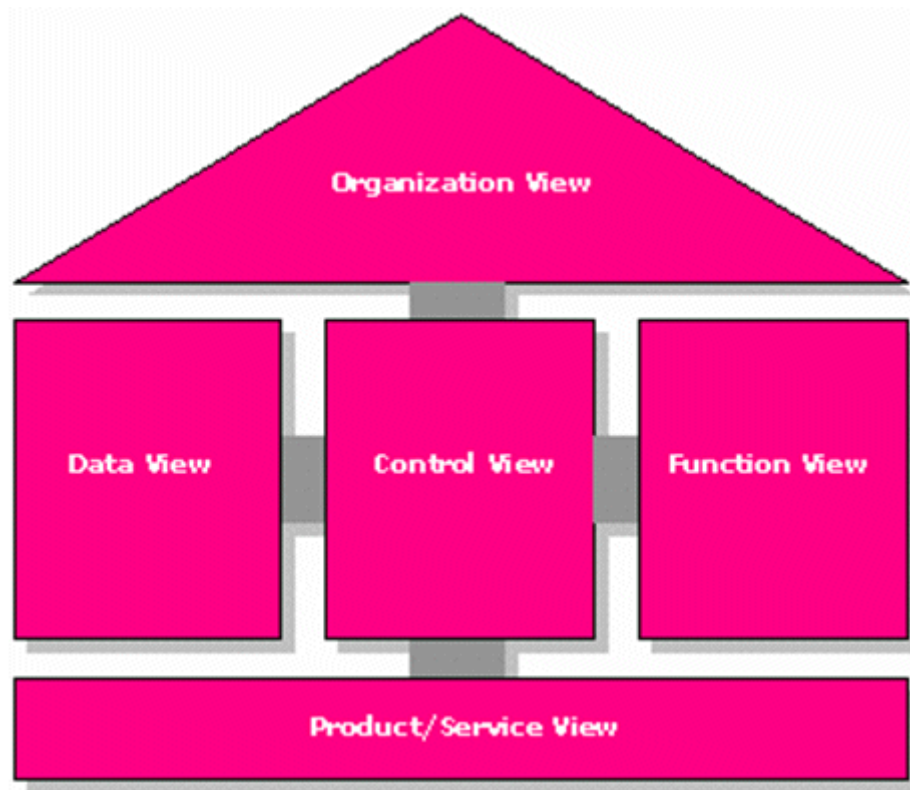
Information technology resources constitute the fourth area of analysis, the resource view. However, this view is significant for the subject-related view of business processes only insofar as it provides general conditions for describing the other components that are more directly geared toward business management. For this reason, the component descriptions of the other views (data, functions, and organization) are described on the basis of their proximity to the information technology resources. Therefore, the resources are handled at the design specification and implementation descriptive levels of the other views (see chapter 2.3). The lifecycle model defined by the analysis of the different levels replaces the resource view as an independent descriptive object.

Breaking down the process into individual views reduces complexity, but the relationships of the process components between the views are lost. For this reason, the **control view** is introduced as an additional view that describes the relationships between the views. Integration of these relationships within a separate view enables systematic and redundancy-free input of all relationships.

The control view is an essential component of ARIS. It is the fundamental feature that sets the ARIS concept apart from other architecture proposals (for comparison with other architecture proposals see Scheer, *Architecture of Integrated Information Systems*, p. 24 ff).

The five ARIS views are shown in Figure 2-3 and will be discussed later in the other method descriptions.

Figure 2–2 ARIS Analytical Views of the Process Model



2.3 Descriptive Levels

As mentioned earlier, the ARIS resource view is replaced by a lifecycle concept of an information system's descriptive levels.

Lifecycle models in the form of level or phase concepts describe the lifecycle of an information system. The ARIS lifecycle model, however, does not have the significance of a procedure model for developing an information system. It rather defines the various descriptive levels that differ in their proximity to information technology.

This differentiation is expressed by the three-tier division of ARIS shown in Figure 2-1 (see Scheer, *Architecture of Integrated Information Systems* 1992, p. 16f.).

The starting point of the analysis is the **business management-related problem**. The description encompasses rough facts that are geared very closely toward technical objectives and technical language. This also incorporates the information technology options for the support of business management processes and decisions. Therefore, only semi-formal descriptive methods are used for representation. Because of their lack of detail and their highly technical vocabulary, they cannot serve as a starting point for a formalized translation into the implementation stage.

Therefore, the requirements definition describes the business management approach to be supported in a formalized description language, so that the definition can be used as the starting point for a consistent implementation into information technology. This process is also referred to as (semantic) modeling. The requirements definition is closely associated with the business management-related problem, as indicated by the width of the arrow in Figure 2-1.

The design specification level is reached when the conceptual content of the requirements definition is transferred to the design specification categories. Instead of the technical functions, the modules or transactions that execute the functions are defined here. This level can also be thought of as an adaptation of the requirements definition to the general description constructs of information technology. The requirements definition and the design specification are only loosely linked. This means that a design specification can be changed without affecting the requirements definition. However, this does not imply that requirements definition and design specification can be developed separately. In fact, after completion of the requirements definition, its contents in terms of business management should be constituted in such a way that purely IT-related considerations (e.g., information system performance) do not influence its technical contents.

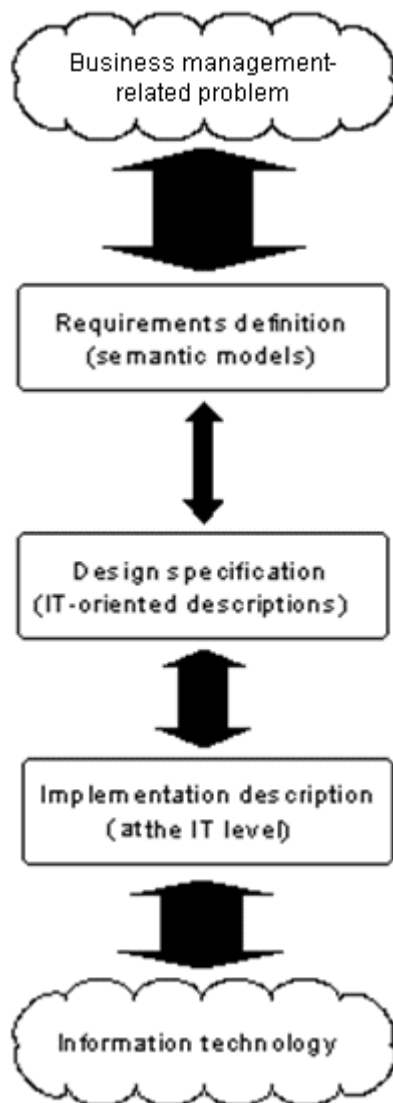
At the implementation level, the design specification is transferred to concrete hardware and software components. This establishes the link to information technology.

The descriptive levels are marked by different update cycles. The updating frequency is lowest at the requirements definition level and highest at the implementation level.

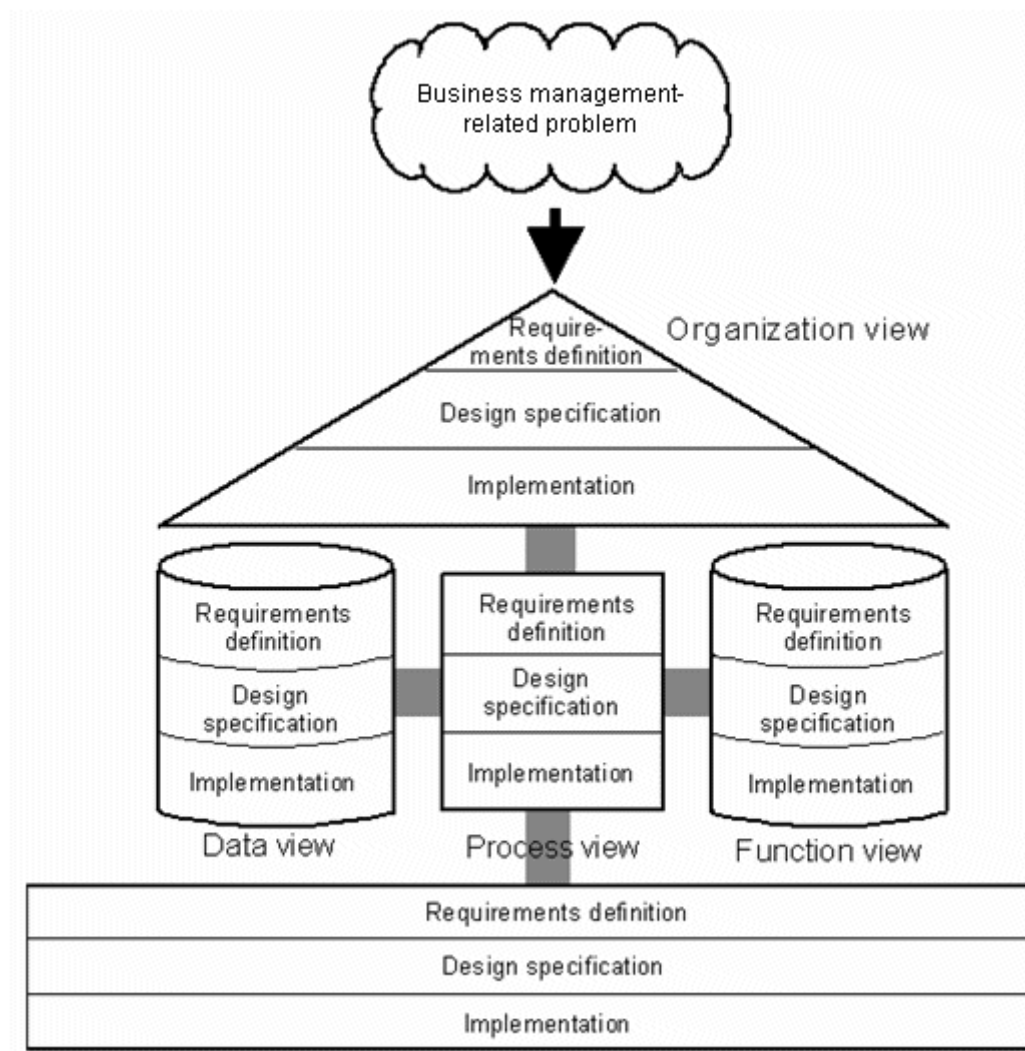
The implementation level is closely linked to the development of information technology and subject to continuous revision as a result of the rapid innovation cycles in information technology.

The requirements definition level is particularly significant because it is both the basis of the long-term business management application concept and the starting point for further steps toward technical implementation. The requirements definitions have the longest lifecycle and - through their strong affinity to the business management problem - document the technical benefits of the information system. For this reason, the view of the development of requirements definitions or semantic models has the highest priority. The semantic models form the link between users and the initial implementation of their problem description into an IT-related language.

Figure 2–3 Descriptive Levels of an Information System



The development of the views and the descriptive levels combined with the initial business management solution constitute the essence of the ARIS architecture. As shown in Figure 2-2, each descriptive view is described at the three levels of **requirements definition**, **design specification**, and **implementation**.

Figure 2-4 ARIS concept

The ARIS concept developed defines the description fields as classified by the architecture's descriptive views and levels. Including the business problem description, which serves as the starting point for the analysis, the description fields consist of thirteen components. It is necessary to select and explain suitable description methods for each area of analysis.

The criteria for selecting these methods (see Scheer, Business Process Engineering 1994, p. 34) include:

- simplicity and intelligibility of the means of portrayal,
- suitability for the content to be expressed,
- ability to use consistent methods for all applications to be portrayed,
- existing or expected degree of familiarity with the methods, and
- independence to a large extent of the methods from technical developments in information and communication technology.

The individual methods used in the description fields are described in the following chapters.

Process Chain Analysis

3.1 Description of Business Management-Related Problems

Before the individual areas of analysis within the ARIS architecture (views and levels) can be modeled, the initial semantic business process (i.e., the business management-related problem) must already exist. The weak points of the information systems currently used are described in terms of support relating to business processes and the key content of the target concept of the system to be developed. The weak points also mirror objectives that new information systems pursue.

Therefore, the model expressing this problem needs to cover as many facts as possible from the data, function, and organizational views including their interrelationships. Moreover, the model must guarantee that the target concept be specified to such an extent that it can serve as a starting point for the rest of the modeling process. Only the development process of the requirements definitions triggers the division into views corresponding to the ARIS architecture.

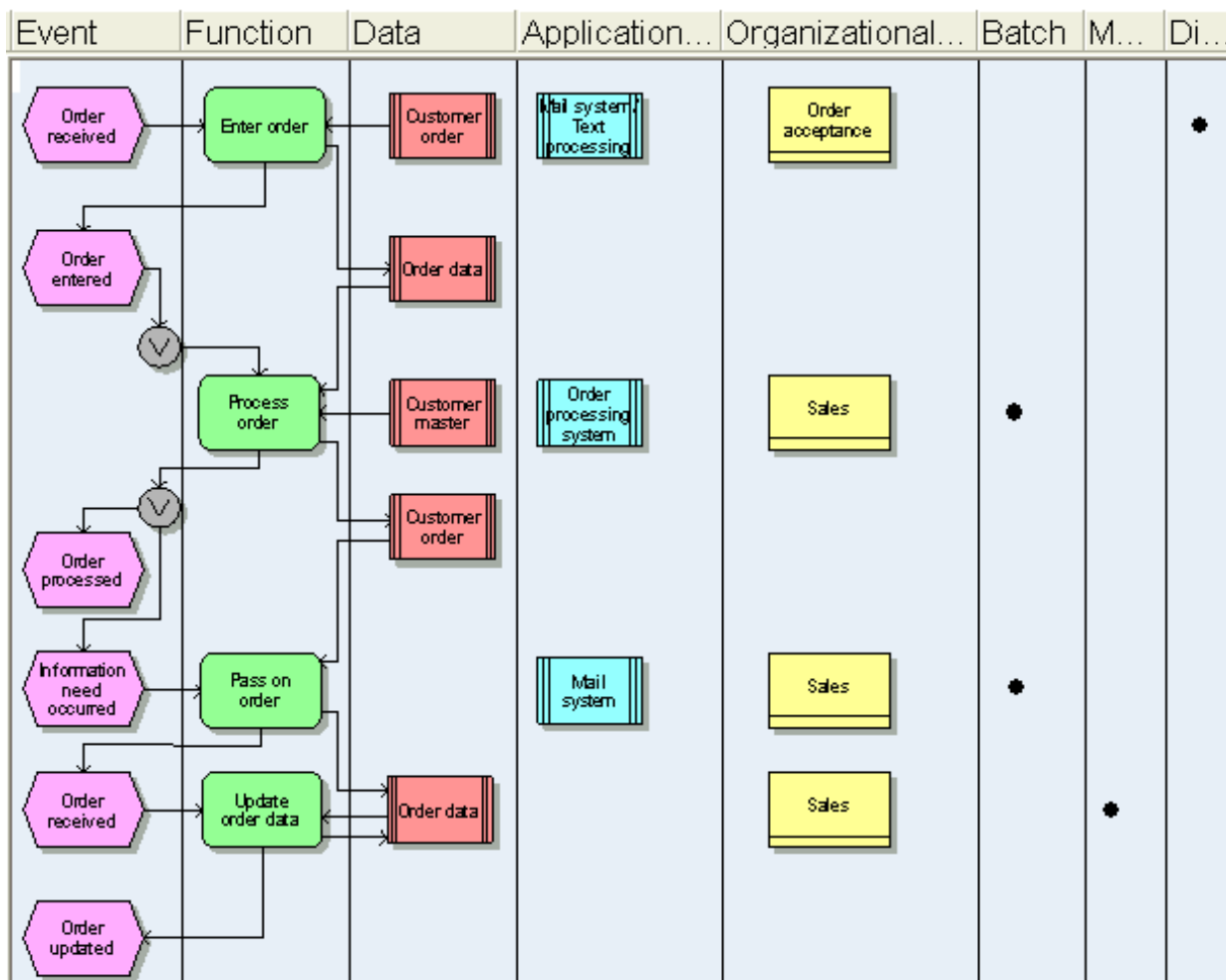
Due to the requirements that the initial business situation has to be described coherently and that the weak points of the existing information systems have to be displayed concisely, the use of common modeling methods is limited. Because of their various representation foci, the common modeling methods can only be used when it comes to modeling individual views.

Process chain diagrams (PCDs) are a means of representing these interrelationships in a condensed form, and they provide an overview of the relevant information system (see Scheer, *EDP-oriented Business Management Studies* 1990, p. 39 f.).

3.2 Process Chain Diagrams (PCDs)

In a process chain diagram, a process chain is displayed as a closed loop. It expresses the developed views of a business process (organization view, data view, function view, and resource view) and their interrelationships in a coherent form.

Figure 3-1 shows an example of the process chain for **Order processing**.

Figure 3–1 Example of a Process Chain Diagram

The first two columns on the left represent the chronological-logical sequence of the business process analyzed. The individual functions of the procedure are listed in the second column and linked to the events that trigger and create them. The connections between functions and events define exactly which events trigger functions and which events are created by functions, thus defining the control flow between functions. In the example given, the **Enter order** function is triggered by the **Order received** event. The result of the function is defined by the **Order entered** end event. This event triggers the next function, **Process order**. This linking of events and functions produces a chronological-logical procedural sequence of functions called process chain. The logical interdependencies of possible branching points and loops of the control flow can be expressed by means of logic operators.

Input and output data that the functions require are illustrated in the form of data clusters in the next column. The **Process order** function requires **Order data** and **Customer master data** as input data and generates the **Customer order** as output data. In addition to the information objects themselves, the information carriers (media) containing data can be displayed, as well. An information carrier can be a document, list, handwritten receipt, or storage medium, such as a hard disk.

In the column on the right, the organizational units (departments) responsible for carrying out the current function are specified.

The **Type of processing** (Batch, Dialog, Manually) and **Application system** columns provide additional information about the degree of IT support of a particular function. The application system or application system components used are entered in the **Application system** column. The **Type of Processing** column is used to specify in detail how a function is to be carried out, i.e., by interactive, batch, or manual processing.

During the analysis of business processes in a process chain diagram that describes an actual situation, weak points in the current problem solution can be identified. These weak points can be both media breaks between IT-related and manual processing and organizational breaks (e.g. the department/organizational unit/in charge changes frequently). In particular, the analysis shows data redundancies, multiple entries, and time delays within a procedure, thus enabling the user to derive various ideas for improving the target procedure to be defined.

To describe the initial situation, process chain diagrams are created at a relatively high level of aggregation. Since they are primarily used for displaying the interaction of all ARIS components, they also serve as a means of representation within the ARIS control view (see chapter 4.4). In the control view, not only process chain diagrams, but also event-driven process chains (EPCs) are shown (see chapter 4.4.1.2.1). Event-driven process chains offer the same modeling capabilities as PCDs but as they are a free-form representation, the objects do not have to be positioned in predefined columns. If the procedure model is to be supported by only one model type (PCD or EPC), the target procedure can also be displayed as an EPC.

The description of other modeling methods follows the ARIS concept. First, the views (function view, data view, organization view, control view) and then the description levels (requirements definition, design specification, and implementation) within these views are described.

Modeling within the Views and Levels of the ARIS Concept

4.1 Function View

4.1.1 Requirements Definition

Modeling methods often display functions in connection with objects from the other descriptive views of ARIS. For example, the relationship between data and functions is displayed to specify the transformation process of a function via the input/output data of that function.

However, in the ARIS architecture, the various areas of analysis are kept strictly separate (see Scheer, *Architecture of Integrated Information Systems* 1992, p. 62). Therefore, only those means of representation are used within the function view, which illustrate the connections between the functions. For example, relationships between functions and data are displayed in the ARIS control view.

Definition: A function is a technical task or action performed on an object to support one or more company objectives (see Scheer, *Architecture of integrated Information Systems* 1992, p.63).

Functions are displayed as rectangles with rounded corners:

Figure 4–1 Representation of the "Verify customer inquiry" Function



Usually, the criterion for establishing such a function is an information object, such as a customer inquiry or a production order. This should also be expressed in the description of a function. This is shown in . **Customer inquiry** defines the object, and **Check** defines the operation that is performed on this object. However, at a high level, usually just a noun is used to describe functions (e.g. Procurement logistics, Production, Sales).

4.1.1.1 Function tree

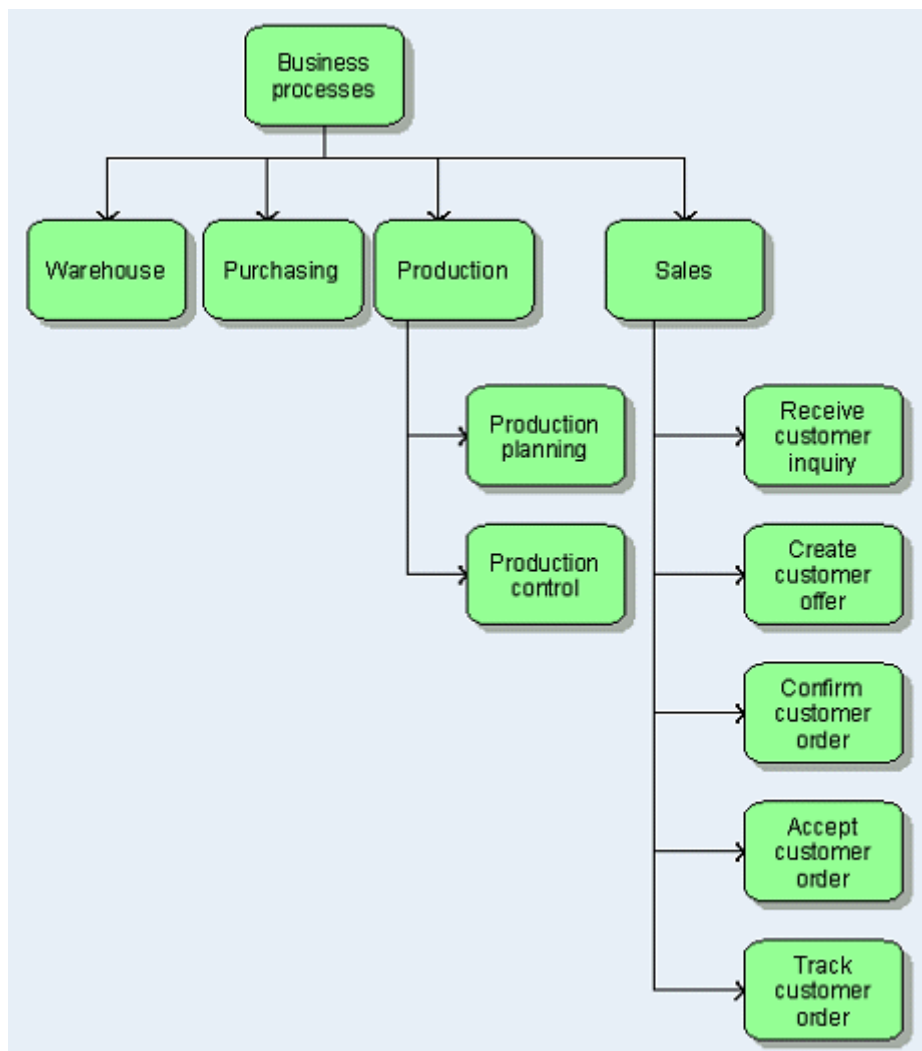
Functions can be described at different levels of aggregation. The highest compression level consists of complex functions in the form of business processes or process chains. An example is the processing of a customer order from customer inquiry to shipping. Such a business process represents a complex function that can be divided into subfunctions to reduce its complexity. Hence, the term Function can be used at all hierarchy levels. However, other terms are also used to explain the hierarchy level: procedure, process, subfunction, or elementary function.

The division of the functions can involve several hierarchy levels. Elementary functions represent the lowest level in semantic function trees.

Definition: Elementary functions are functions which, from the business management point of view, cannot be split any further.

Function trees or hierarchy models illustrate this structure (see).

Figure 4–2 Function Tree (Extract)

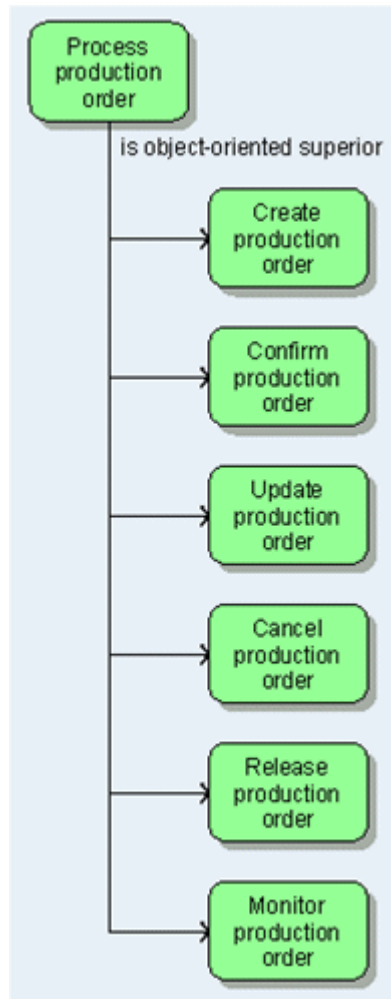


Different criteria can be adopted for grouping functions in a function tree (see **Brombacher/Bungert**, "Praxis der Unternehmensmodellierung" [Company modeling practise] 1992). Frequently used criteria include processing of the same object

(object-oriented), breakdown by process affiliation (process-oriented), or combination of functions based on identical operations (execution-oriented).

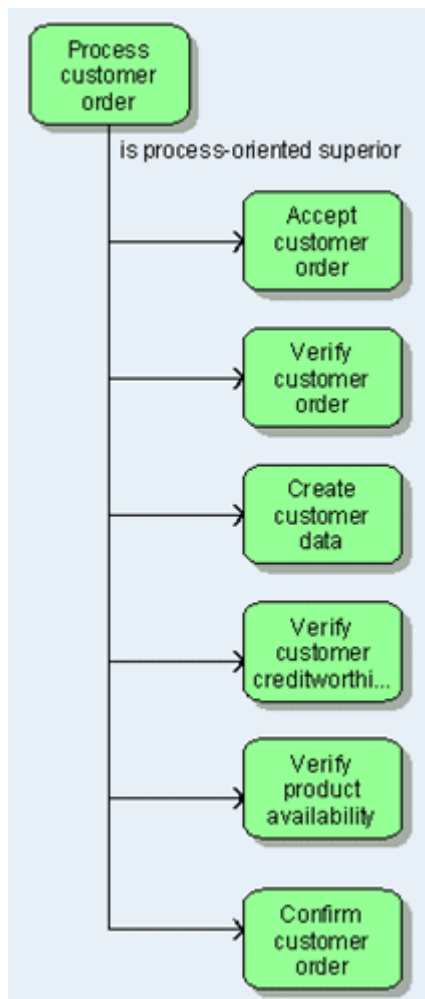
shows an example of an object-oriented breakdown. The superior **Process production order** function is subdivided into the **Create production order**, **Confirm production order**, **Update production order**, **Cancel production order**, **Release production order** and **Monitor production order** functions. These functions describe different operations (**create**, **update**, **cancel**, etc.) that are performed on one object, the **Production order**.

Figure 4–3 Object-Oriented Function Tree

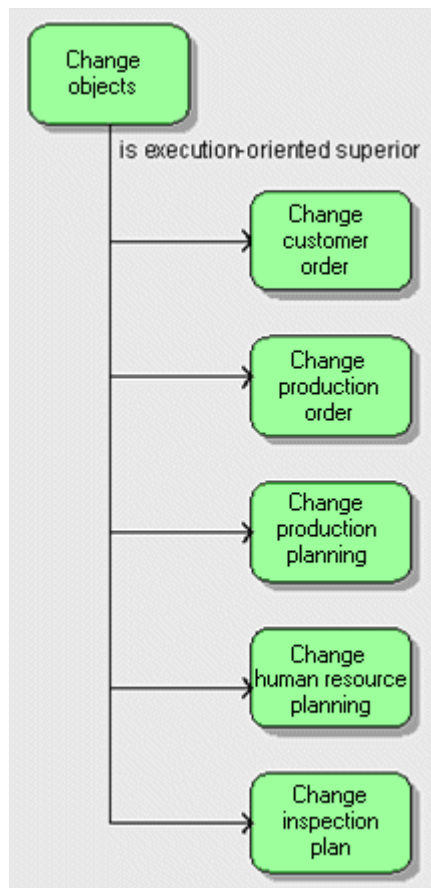


If function trees represent the results of modeling business processes, it is a natural progression to illustrate process-oriented function trees. shows an example of a process-oriented function breakdown.

The **Accept customer order**, **Verify customer order**, **Create customer data**, **Verify customer creditworthiness**, **Verify product availability**, and **Confirm customer order** functions are part of the **Process customer order** business process. Unlike an object-oriented breakdown, the operations here are performed on different objects (customer order, product availability).

Figure 4–4 Process-Oriented Function Tree

Execution-oriented grouping means that all functions performing the same process (verifying, creating, deleting) on different information objects are grouped together. An example of the **Change** operation is shown in . The functions shown may occur in different processes and may also be involved in processing different objects. Yet, the type of operation they perform on the various objects is always the same.

Figure 4-5 Execution-Oriented Function Tree

Even though the representation of functions in a function tree reduces complexity, it is still a static representation. In addition to this static representation it might also be interesting to see the procedural sequence of functions chronologically.

Chronological-logical procedural sequences are represented in event-driven process chains (EPCs). In addition to functions, they contain events as links between functions. Events must be assigned to the ARIS data view. Event-driven process chains are described in the ARIS control view in line with the principle of the separation of ARIS views (see chapter 4.4.1).

Describing functions from a requirements definition-related point of view involves not only the property that a function can be broken down into its elements, but also other function properties, such as properties that can influence the design of business processes.

Each function draft should include information about whether it requires user input or whether it can run automatically. Similar functions that can be carried out without user intervention can be bundled and processed in a closed operation (batch run).

Information on the quantity structure of a function (e.g. number of inquiries that are processed in a day) provide the basis for recreating business processes and the total length of time it takes to carry out the function. The total time can be further subdivided into individual time elements (orientation time, processing time, waiting time). In Oracle BPA Suite, this information is saved in the attributes of the **Function** object type. The chapter on **ARIS Method Items** provides you with a list of all attribute types available.

4.1.1.2 Y Diagram

The Y diagram represents the functions (tasks) of a company at a highly aggregated level. It includes comprehensive functional areas, such as product design, materials management, and maintenance. The structured representation in the form of the Y-CIM model (see Scheer, A.-W.: Business Process Engineering 1994, p. 87) shows a classification of the individual functions. Scheer places the primary business-administrative planning functions of production planning and control in the left branch of the Y, while the right branch contains the technically oriented functions of product planning and product implementation. The planning functions are arranged in the higher portions of the Y, while the control and implementation functions are located in its lower portions.

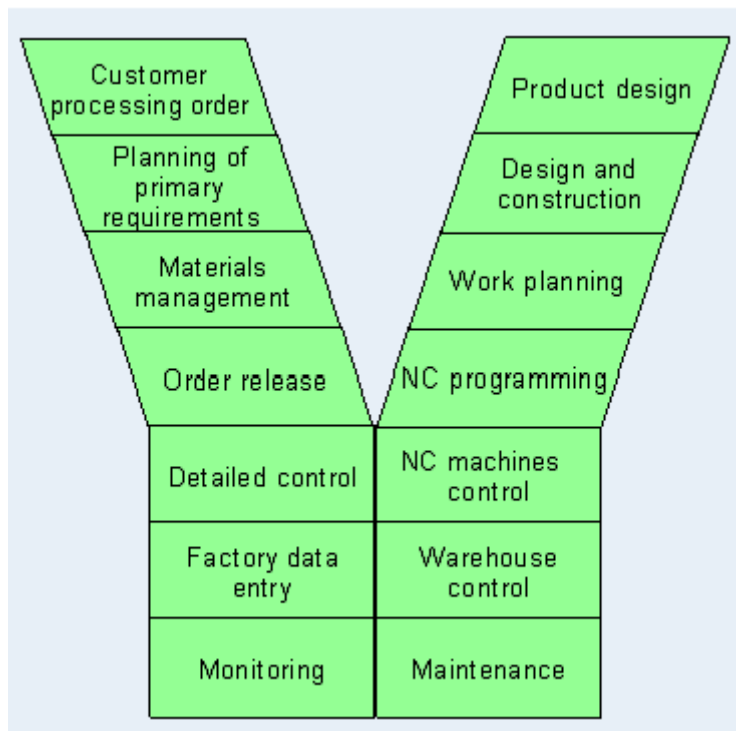
Therefore, the Y-CIM model represents a sorting frame for all functions of a production company.

In Oracle BPA Suite, this model type can be used for the function-oriented approach to complex reference models. The objects shown are of the **Function** object type.

Arranged in a hierarchy, this object type can be linked with the **Function tree** and **EPC** model types, for example.

illustrates an example.

Figure 4–6 Y Diagram



4.1.1.3 Objective diagram

Before you start modeling, analyzing or optimizing business processes (business process re-engineering), you should define the objectives that modeling your company's business processes will pursue.

In the objective diagram you can define (company) targets, create target hierarchies, etc.

Definition: A target defines future business objectives to be achieved by supporting critical factors and implementing new business processes.

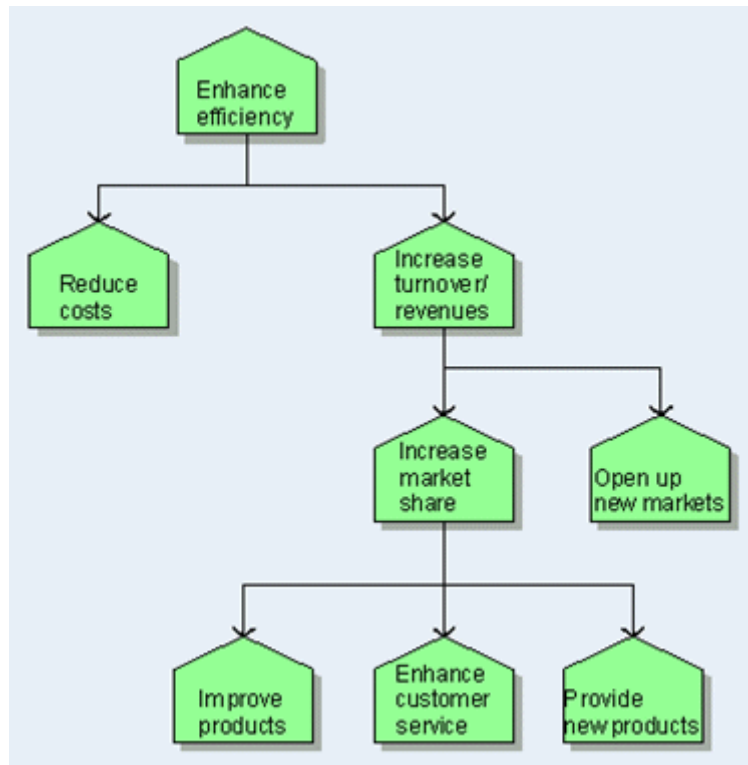
You can specify possible critical factors for achieving the objective, arrange them in a hierarchy, and assign them to the targets that they are helping to attain.

Definition: Critical factors specify the aspects that need to be considered in order to reach a particular business objective. They are assigned to business objectives in the objective diagram.

This model type is linked to the other model types of the requirements definition by means of the **Function** object type. For every target, you can display which function (business process) leads to attaining this target. In the business process modeling and optimizing phase, you should consider the target priority set here and the assigned functions when establishing the process model.

shows an example of an objective diagram.

Figure 4–7 Example of an Objective Diagram



4.1.2 Design Specification - Application System Type Diagram

The design specification of the function view contains the specification for the application system and module types, the modular structure of the application system type, the draft of the individual transaction steps, and the definition of input and output presentations in the form of lists and screen drafts.

Key questions that are answered by the design specification of the function view are:

- How can the functions defined in the requirements definition be supported by the use of application system types, module types, or IT functions?
- What is the modular structure of application system types or module types?

- Which lists and screens are required to carry out a function?
- Which lists can be created with an application system type or a module type, and which screens do application system types and module types use?
- What is the technological basis (operating systems, user interfaces, or database management systems)) of an application system type?
- What business objectives are pursued when a specific application system type is used?

It is obvious that the key object type of the design specification of the function view is the **Application system type**.

Unlike a specific application system that is not seen before the implementation level of the function view and that represents an individual application system identifiable (e.g., by a license number) in the company, an application system type is produced by the typification of all application systems that stand on precisely the same technological basis.

Definition: An application system type represents the typification of individual application systems that are based on exactly the same technology.

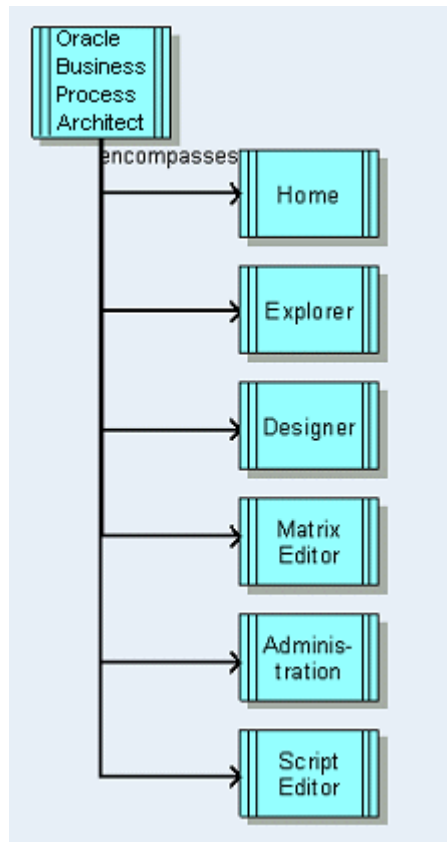
Example: Oracle Business Process Architect is an application system type. You can obtain several licenses of this application system type and therefore several individual application systems.

Application system types are represented by the following graphic:

Figure 4–8 Graphical Representation of an Application System Type



Application system types are mainly modular in structure. The application system type diagram enables this modular structure to be represented. The individual parts of an application system type are module types. An example is illustrated in :

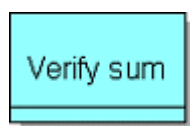
Figure 4–9 Modular Structure of an Application System Type

In the above example, Oracle Business Process Architect consists of the Home, Explorer, Designer, Matrix Editor, Administration, and Script Editor module types. As with the application system types, these are module types that typify individual modules based on exactly the same technology. Module types are components of application system types. These components can independently run to completion.

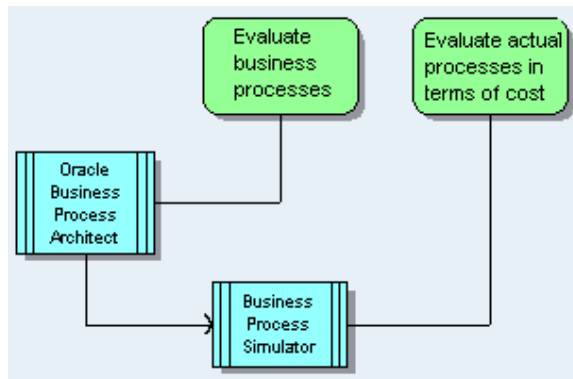
Definition: A module type is a component of an application system type and can run to completion on its own. Module types represent the typification of individual modules that have exactly the same technological basis.

Application system types and module types can be set into any hierarchy. Module types can be divided at the lowest level of the IT function types.

Definition: In terms of a transaction, IT function types are the smallest units of a module type. They are produced by individual program modules and must always be carried out completely to process an individual work step.

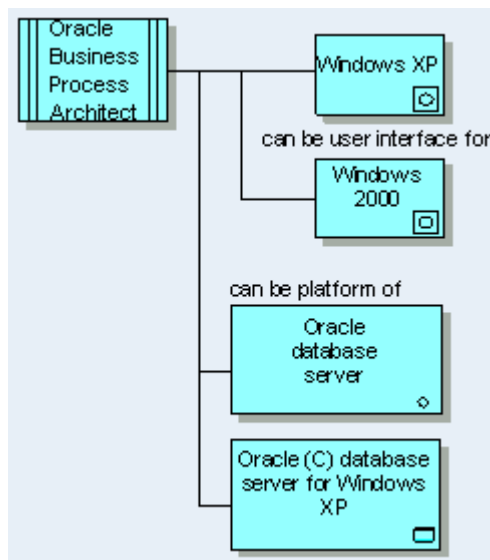
Figure 4–10 Graphical Representation of an IT Function Type

The application system type diagram allows those functions of the requirements definition to be specified that are supported by the application system types and module types defined. This allocation is the link between requirements definition and design specification of the function view. shows an example.

Figure 4–11 Allocation of Functions to Application System Types

The technological basis of application system types and module types can be defined more precisely if you assign them the possible types of user interfaces, database management systems, and operating systems under which they run, as well as the programming languages in which they are implemented. As this concerns types and not specific examples, multiple relationships are possible. For example, an application system type can be assigned both the **Windows 2000** and **Windows XP** user interface, which means that this application system type version can run under both user interfaces. A unique relationship is necessary only when the graphical user interface is assigned to a specific specimen (i.e., an application system) at the implementation level of the function view. This view describes the exact configuration of the individual license of the application system type that the company purchased.

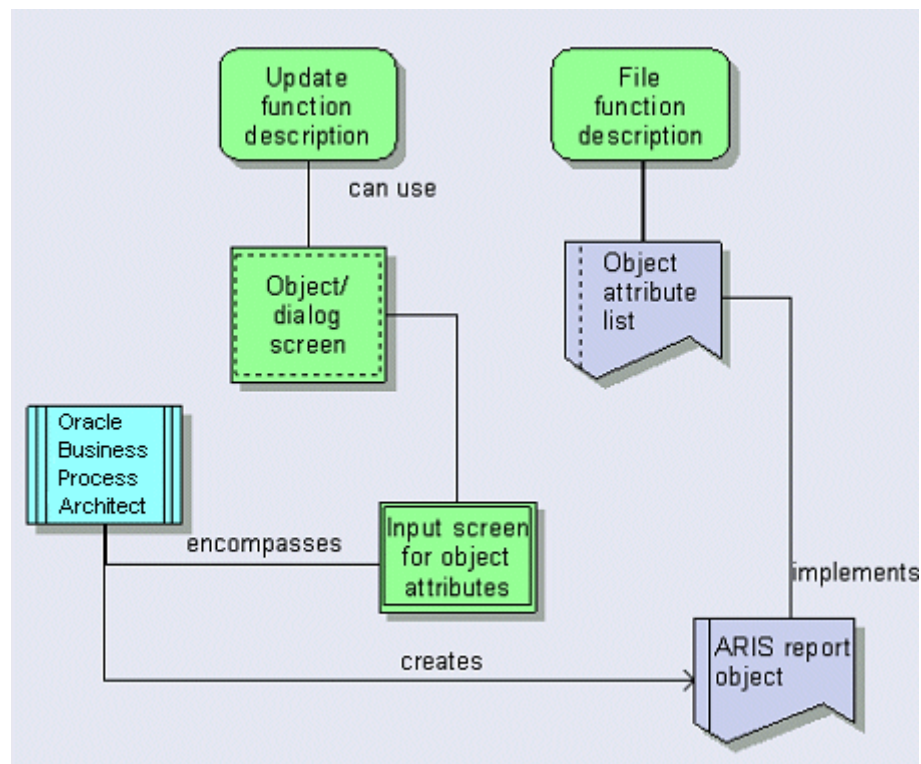
An example of possible assignments in the application system type diagram is shown in .

Figure 4–12 Configuring the Application System Type

Processing a technical function with the support of an application system entails using various screens and producing or using various lists offered by the corresponding application system. The **List** and **Screen** objects represent this and can be assigned either to a technical function or to application system types and module types.

If general procedural sequences are to be defined without reference to specific application system types, **Draft list** objects and **Screen design** objects can be used to specify the screens and lists required. First, both object types specify in general which type of list or screen is to be used (e.g., **Enter customer data**) without establishing a specific reference to application system type lists or screens. Subsequently, these list and screen designs can be linked with specific lists and screens. The assignment defines the implementation possibilities available. illustrates an example.

Figure 4–13 Screen and List Assignments



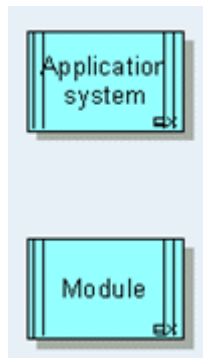
The chapter on **ARIS Method Items** contains a complete list of the object types of the application system type diagram and their possible relationships.

4.1.3 Implementation - Application System Diagram

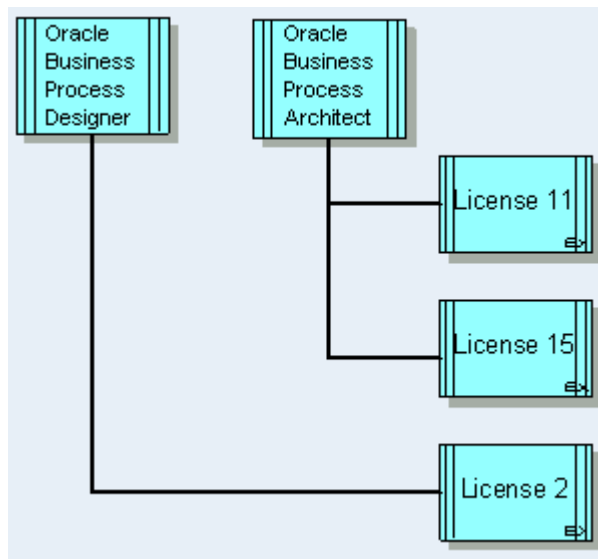
In the application system diagram, specific application systems and modules can be assigned to the application system types and module types described in the design specification. The application systems are specimen of an application system type that exist in the company and can be uniquely identified (e.g., by their license numbers).

Definition: An application system (module) is a single specimen of an application system type (module type), which can be specifically identified (e.g., by the license number).

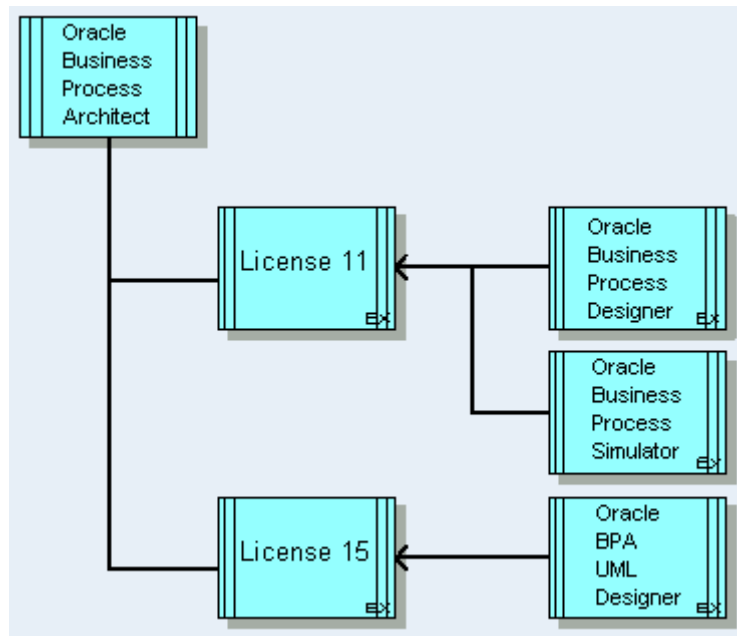
Application systems are displayed graphically as illustrated in .

Figure 4-14 Graphical Representation of the Application System and the Module

As a company can have more than one license for an application system type (module type), more than one application system (modules) can be assigned to an application system type (module type) in the application system diagram. This is illustrated in .

Figure 4-15 Assignment of Application Systems to their Application System Types

The application system diagram shows the actual modular structure of an application system. In the design specification, all modular components of an application system type are shown, whereas in the application system diagram, a single application system license ensures that the modular components can be allocated to each license. Therefore, a company may have multiple application systems of the same application system type, but with completely different modular structures (see).

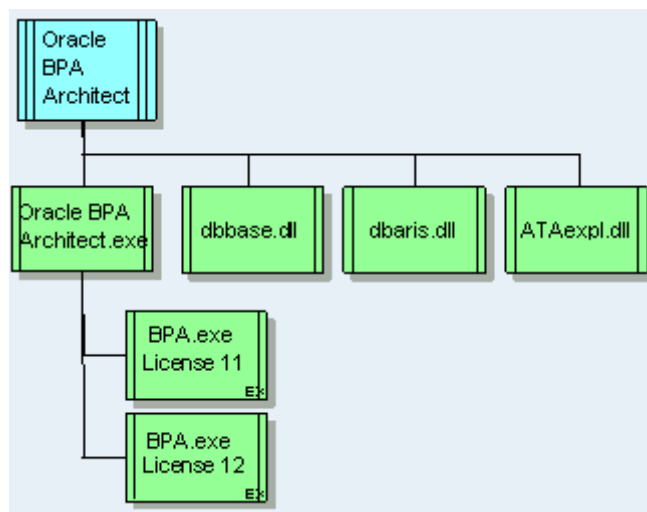
Figure 4–16 Different Modular Structure of Two Application Systems of the Same Type

The implementation level not only enables the actual existing application systems and modules to be shown, but also defines the technical program (physical) conversion of the application systems in the form of individual program files.

The application system diagram can show which program module types are required to produce an application system type or module type.

Definition: A program module is a program file on a storage medium obtained by purchasing a license (e.g., an EXE file or COM file). A program module type is formed by typifying program modules that have exactly the same technological basis.

illustrates the assignment of program module types to an application system type and the assignment of individual program modules to program module types.

Figure 4–17 Assignment of Application System Types, Program Module Types, and Program Modules

The **Oracle BPA Architect** application system type includes the **Oracle BPA Architect.exe**, **dbbase.dll**, **dbaris.dll** and **ATAexpl.dll** program module types. There may be several copies (program modules) of each program module type in the company if several licenses are purchased or if backup copies are created.

Program module types and program modules can be set into any hierarchy. For a more precise technological specification of the program, accesses by program module types to program libraries can be represented in the application system diagram, as well.

The chapter on **ARIS Method Items** contains a list of all object types and relationships that exist in the application system diagram.

4.2 Data View

4.2.1 Requirements Definition

The requirements definition of the data view includes a description of the semantic data model of the field to be examined. According to the ARIS division principle, this description covers both the objects that specify the start and end events of a process chain and the status descriptions of a process chain's relevant environment.

When comparing the modeling of functions and data, the latter is particularly demanding as far as the method is concerned. In the function view, the only object examined is the function. And only the superordinates and subordinates are represented as relationships between functions.

Chen's entity-relationship model (ERM) is the most widely used designing method for semantic data models (**see Chen, Entity-Relationship Model 1976**). This modeling method uses a number of specialized terms such as entity type, relationship type, attribute, etc. The relationships that exist between these objects are numerous and - compared with function modeling - significantly more difficult to classify.

The following pages introduce modeling with entity-relationship models (ERM). First, the objects and relationships of Chen's original model are explained. In the subsequent chapter, several operators will be added to the original model.

4.2.1.1 The Basic ERM Model

The original model distinguishes between entities, attributes, and relationships. Generally, the type level can be differentiated from the occurrence level.

Definition: Entities are real or abstract objects of interest for the observed segment of a company's tasks.

For example, the object observed may be a business process. According to the ARIS structuring model, the data objects of interest are objects of the environment and objects specifying events. Examples of entities in the **Customer order processing** process are:

- Customer 1235,
- Article 471,
- Order 11.

Entities are described more precisely by certain attributes (properties). For example, a customer can be specified more precisely by name, first name, and address.

Definition: If similar entities are grouped into sets, they are called entity types whose individual occurrences are the entities.

Entities of the same type can be described by the same attributes. For example, customer **Moore** and customer **Miller** are grouped under the **Customer** entity type; article **4710** and article **4712** are grouped under the **Article** entity type. Entity types are displayed as rectangles in the ERM (see). In the following, entity types in the text are indicated by capital letters.

Figure 4–18 Examples of Entity Types

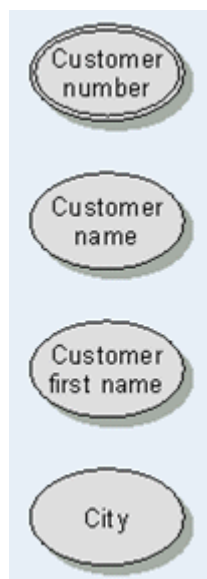


Definition: Attributes are properties describing entity types.

Attribute occurrences are specific values of attributes of individual entities. For example, customer **1235** can be described by the **Miller, Peter, Munich**, etc. attribute occurrences. The relevant attributes are **Name, First name, and Address**.

Attributes are usually represented by an oval or a circle. On the following pages, attributes are represented by ovals. shows examples of attributes for the CUSTOMER entity type.

Figure 4–19 Examples of Attributes for the CUSTOMER Entity Type



The difference between entity types and attributes is often hard to perceive and can sometimes only be determined from the context of the modeling procedure. For

example, the customers' addresses can be understood as entities and not as an attribute of CUSTOMER. In this case, a separate entity type, ADDRESS would be modeled with a relationship to CUSTOMER. When specifying whether you are dealing with an entity type or an attribute, the fact that entities possess attributes is a helpful criterion. Attributes, on the other hand, cannot have attributes. Thus, if an attribute is created in an ER model which is supposed to be described by further attributes later on, it becomes an entity type. Whether an object is to be assigned relationships with other entity types or not is another helpful question. If yes, the object in question, too, is an entity type.

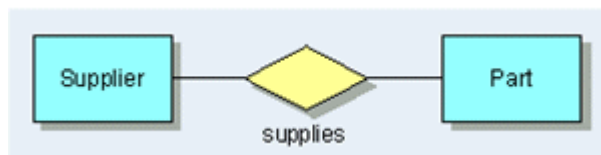
Definition: A relationship is a logical link between entities.

Hence, the existence of relationships directly depends on the existence of entities.

Definition: If relationships of the same kind are grouped into sets, they are called relationship types.

A relationship type between SUPPLIER and PART could be SUPPLIES, for example. In the following text, relationship types are also indicated by capital letters. In an ERM, relationship types are displayed as diamonds and are linked with the entity types via connections (see).

Figure 4–20 Example of a Relationship Type



Often, the names of relationship types can only be read in one direction for the links to make sense. In the above example, the relationship **Supplier supplies Part** is supposed to be expressed. From right to left, this would read **Part supplies Supplier**, which does not make sense. To avoid that the correct direction cannot be determined uniquely, skilful selection of superior terms is required.

We differentiate between various types of relationship type. In this context, the number of entity types they link, on the one hand, and the degree of a relationship's complexity, on the other hand, serve as distinguishing criteria.

Relationship types are distinguished according to the number of entity types linked by them, i.e. unary, binary, or n-ary relationships.

Definition: The degree of complexity or cardinality indicates how many entities of one entity type are assigned to an entity of the other entity type.

The relationships that must be distinguished are illustrated in (see Scheer, Business Process Engineering 1994, p. 34).

Four different kinds of relationships (cardinalities) can be distinguished:

- 1:1 relationship,
- 1:n relationship,
- n:1 relationship,
- n:m relationship.

In a 1:1 relationship, each entity of the first set is assigned to exactly one entity of the second set.

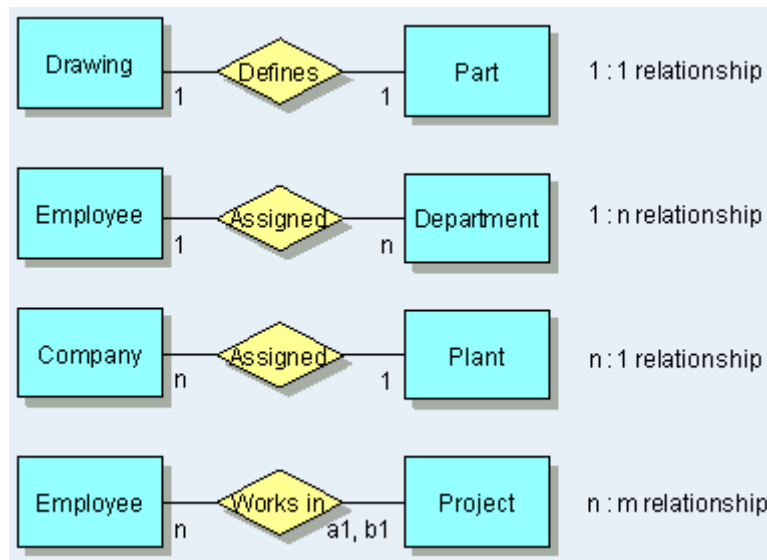
In a 1:n relationship, each entity of the first set is assigned to exactly one entity of the second set, but each entity of the second set can be assigned to n entities of the first set.

An n : 1 relationship is the same, but in reverse order.

In an n:m relationship, several entities of the second set are assigned to one entity of the first set and vice versa.

The cardinalities of this relationship type (**Complexity** attribute type) are written at the connections of the entity relationship model (see).

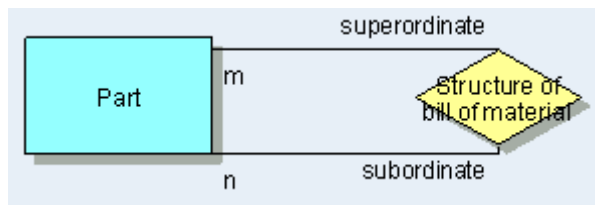
Figure 4–21 Representation of Cardinalities in the ERM



The cardinality specifies the maximum number of relationships of the relationship type an entity of the entity type can be part of. In the n:1 relationship shown in , this means that a company of the COMPANY entity type can be ASSIGNED to several relationships because a company consists of several factories; a specific factory can, however, be ASSIGNED to a maximum of one relationship and must therefore be uniquely assigned to a company.

Chen's original work interpreted cardinality in a different manner. However, the notation used in this manual allows clearer formulations, particularly when illustrating relationships between several entity types. In order to avoid unnecessary confusion, we will not discuss Chen's original work in detail here.

Due to the fact that relationships can also exist between entities of one entity type, an entity type and a relationship type may also be linked by two parallel connections. To be able to differentiate between these connections you can give them role names. Recursive relationships are illustrated in the example in . A superior part consists of various subordinate parts, while a subordinate part may also be used as a component in various superior parts.

Figure 4–22 ERM for a Bill of Materials

Both entity types and relationship types can be described by attributes (see).

Definition: The value ranges of attributes are called domains.

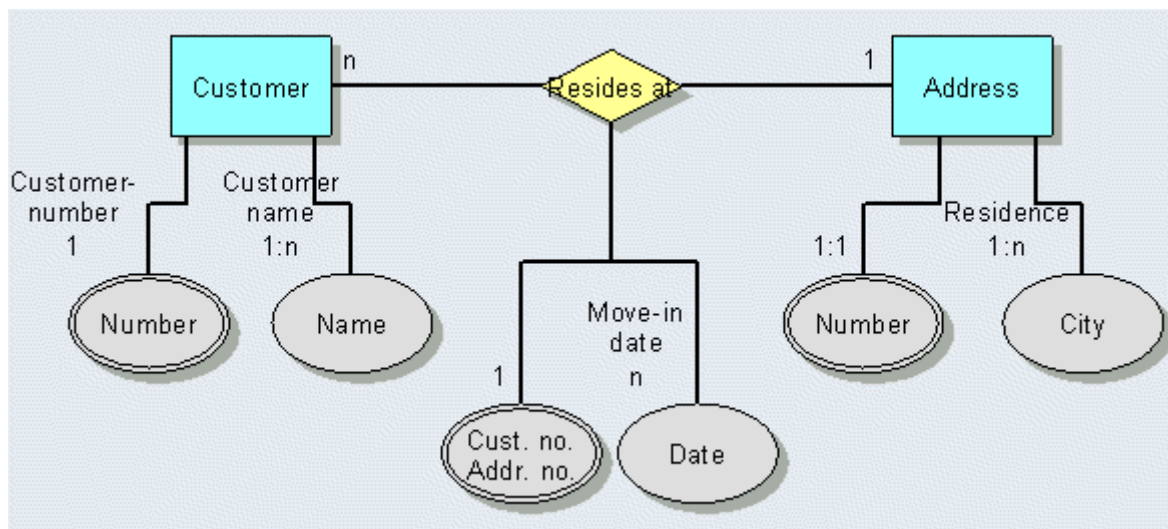
Assignments of elements of the domains to elements of the entity or relationship types are also relationships and can be represented by a connection identified with the name.

Definition: A 1:1 relationship must exist between an entity type and at least one domain. The values of this domain uniquely identify the individual entities. Therefore, they are called the key attributes of the entity type.

In the example shown in (see Scheer, Business Process Engineering 1994, p. 33), the entities of CUSTOMER are uniquely identified by the **customer number** key attribute.

Relationships are identified by fusing the key attributes of the linked entities. Therefore, the key attributes of the RESIDES AT relationship type are customer number and address number.

The descriptive attributes of the relevant data objects are defined by values derived from domains having a 1:n relationship with entity types or relationship types.

Figure 4–23 Assignment of Attributes in the ERM

4.2.1.2 Extending the ERM - eERM

In the last few years, Chen's basic model has been extended substantially. This manual will only discuss those extended models that are significant for modeling the data view in the ARIS architecture.

4.2.1.2.1 Adding Design Operators Design operators provide formal support in creating a data model. Their use ensures a systematic procedure and provides the person who views an existing data structure with insights into its design process. Based from

existing concepts, new concepts are produced with the help of design operators. The design process is an intellectual procedure largely carried out at the level of business administration knowledge. The investigation of business conditions in terms of data structures either structures known conditions based on a new view or creates new relationships not considered so far.

Of the numerous and various approaches for extending ERM modeling, four basic design operators have become accepted (see Scheer, Business Process Engineering 1994, p. 35 ff.):

- classification,
- generalization,
- aggregation,
- grouping.

Classification

Definition: Through classification, objects (entities) of the same kind are identified and assigned to a concept (entity type). An object is identical with another if it is described by the same properties (attributes).

Classification results in the previously described identification of entity types (see).

Figure 4–24 Classification of Customers



Generalization/Specialization

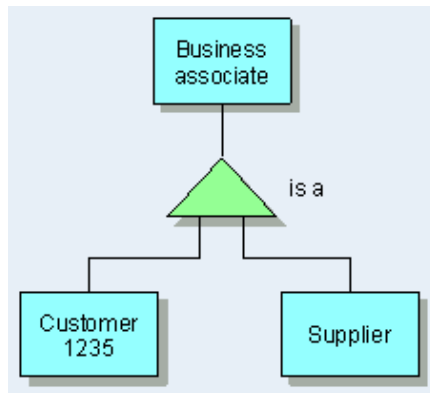
Definition: In generalization, similar object types are grouped under one superior object type.

As shown in , the CUSTOMER entity type and the SUPPLIER entity type are generalized under the generic concept BUSINESS ASSOCIATE. Properties (described by attributes) that are shared by both source objects are transferred to the generalized object type. Therefore, only those attributes whose initial object types differ are left to be described. The formation of the new entity type called BUSINESS ASSOCIATE is graphically represented by a triangle, also called an is-a relationship.

Definition: Specialization is the division of a generic concept into subconcepts (BUSINESS ASSOCIATE is split into CUSTOMER and SUPPLIER).

Specialization is the reverse of generalization. The specialized objects inherit the properties of the generalized object. Apart from these inherited attributes, the specialized object types may possess their own attributes, as well. Graphically, specialization and generalization are represented in the same way.

For this reason, the linking connections in the illustration are not drawn as arrows indicating a direction.

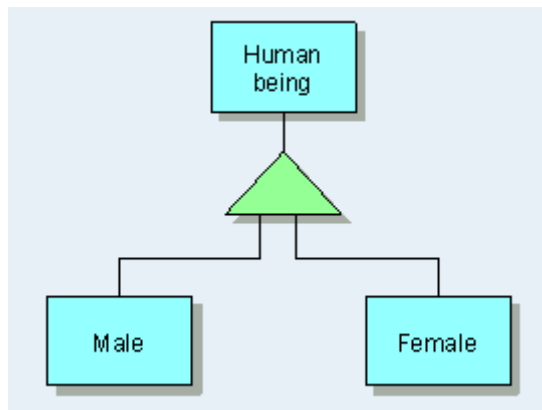
Figure 4-25 Generalization/Specialization

Whereas specialization primarily supports a top-down procedure for creating a data model, generalization is used to support a bottom-up procedure.

In specialization, the completeness and disjunctiveness (alternative) of the developing subsets can be specified as they are created.

Non-disjunctive subsets occur when the occurrence of one object may exist in one subset and also in the other subset. For example, a customer can also be a supplier at the same time in the above figure. If an occurrence can only be allocated to precisely one subset, these sets are disjunctive.

A complete specialization exists when all specialized object types possible for one specialization criterion are listed for one generalized object type. For example, the HUMAN BEING entity type can be specialized into the MALE and FEMALE entity types (see). Thus, specialization in terms of Gender is complete.

Figure 4-26 Completely Described Specialization

The combination of these criteria results in the following four occurrences for specifying a generalization/specialization more precisely:

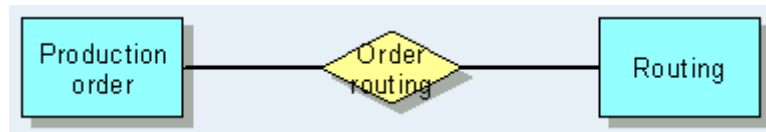
- disjunctive/complete,
- disjunctive/incomplete,
- non-disjunctive/complete,
- non-disjunctive/incomplete.

Aggregation

Definition: Aggregation describes the formation of new object types by combining existing object types. The new object type can be a carrier of new properties.

In the ERM, aggregation is expressed by the formation of relationship types (see). The aggregation of the PRODUCTION ORDER and ROUTING entity types creates the new ORDER ROUTING object.

Figure 4-27 Example of Aggregation

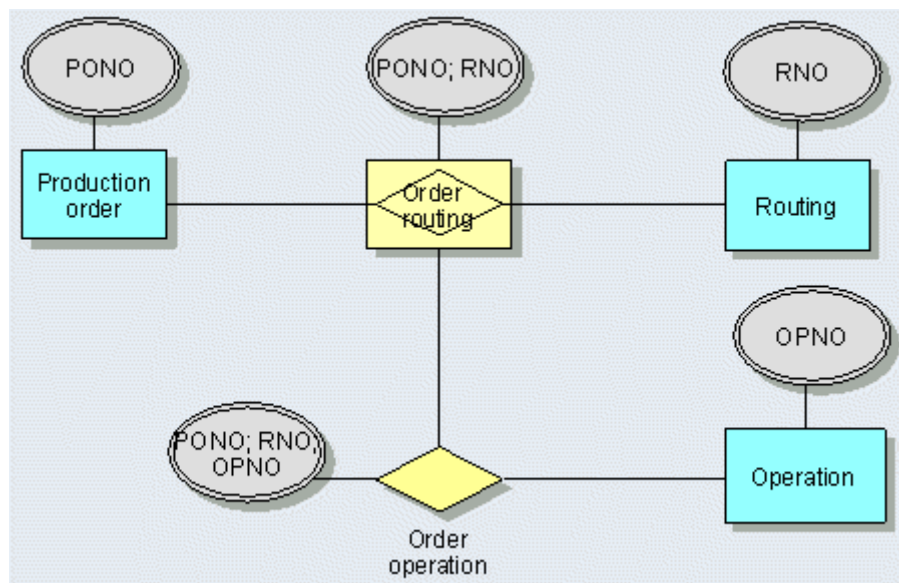


The aggregation operator can also be applied to relationships. An existing relationship type is then treated as an entity type and can thus become the starting point for creating new relationships. An example illustrating this is shown in .

A first aggregation formed the ORDER ROUTING relationship type from the PRODUCTION ORDER and ROUTING entity types. The **production order number** key attributes (PONO) and **routing number** (RNO) form the complex key to the order routing. Now, multiple operations can be allocated to the order routing. Therefore, the ORDER OPERATION relationship is formed between the ORDER ROUTING and OPERATION relationship types. Since relationships can be created only between entity types, the original ORDER OPERATION relationship type needs to be reinterpreted. In , this is illustrated by a boxed-in diamond. This reinterpreted relationship type is handled as a "normal" entity type. To illustrate the origin of the relationship type the connections of the entity types participating in the origin of the relationship type are drawn to the diamond. The connections from the reinterpreted relationship type that form new relationships will be taken only to the edges of the square and do not touch the diamond inside the symbol.

Although it is generally possible to replace the complex keys with simple keys, the complex keys are included because they render the data model's creation process traceable.

Figure 4-28 Aggregation with Reinterpreted Relationship Types



In an ERM, a complex structural context is split into a transparent structure. Since the relation to the overall complex might become obscured, complex objects in the form of data clusters are introduced.

Definition: A data cluster describes the logical view onto a number of entity types and relationship types of a data model that are needed in the description of a complex object.

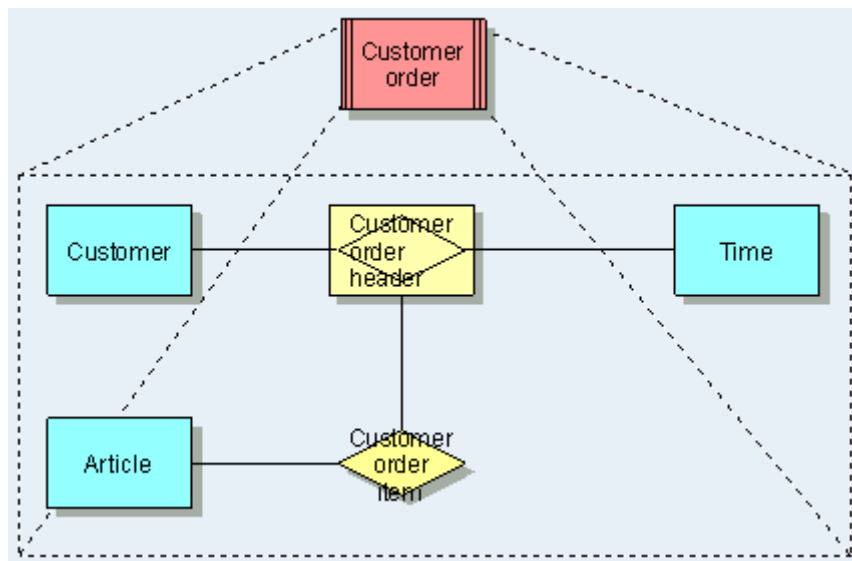
In addition to entity types and relationship types, data clusters themselves can be part of a data cluster, too. Unlike entity and relationship types, data clusters can be freely arranged in a hierarchy and thus, in the creation process of a data model, mainly support a top-down procedure. In combining and consolidating submodels during a bottom-up approach the formation of data clusters can be very helpful as well.

graphically displays a data cluster. As shown in , the data cluster represents a logical view onto a number of entity types and relationship types. The CUSTOMER, TIME, ORDER HEADER, ARTICLE, and ORDER ITEM entity types and relationship types are needed to describe the complex CUSTOMER ORDER object.

Figure 4–29 Data Cluster (Graphic Symbol)



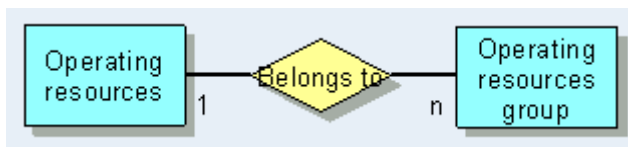
Figure 4–30 Data Cluster View of Several Objects



Grouping

Definition: Grouping forms groups from the elements of an entity set.

For example, in , all OPERATING RESOURCES are combined into an OPERATING RESOURCES GROUP. The operating resources group is an independent object which can be described more precisely by additional attributes (name of the operating resources group, number of operating resources) not contained in the individual operating resources. Other examples are the grouping of workstations into departments or the combination of order connection items into orders.

Figure 4-31 Grouping

4.2.1.2.2 Extending Cardinalities When referring to cardinalities, we have mentioned only the upper limit of possible relationship occurrences so far. The cardinalities in indicate that a project can be assigned a maximum number (m) of employees and one employee can participate in a maximum number (n) of projects.

Figure 4-32 Upper/Lower Limit (1)

Besides the information on the upper limit, the lower limit may also be useful for specifying the minimum number of relationship occurrences. For this purpose, the cardinalities can be expressed by the two letters (a,b), for example (see Scheer, Business Process Engineering). The letter pair (a1, b1) in indicates that every project can participate in at least a1 and at most b1 relationship occurrences of the WORKS IN type, signifying that every project can be assigned **at least** a1 and **at most** b1 employees. Letter pair (a2, b2) indicates that one employee can participate in at least a2 and **at most** in b2 projects.

Figure 4-33 Upper/Lower Limit (2)

Thus, every relationship is expressed by two degrees of complexity (minimum, maximum). The lower limit often receives values 0 and 1, the upper limit's range of values is defined as $1 \leq \max \leq *$ (where * is "any number").

A lower limit of min=0 indicates that an entity can participate in one relationship, but does not have to. A lower limit of min=1 indicates that an entity must participate in at least one relationship.

The lower limits in indicate that an employee can participate in a relationship but does not have to (min=0), while a project has to participate in at least one relationship (min=1). What is expressed here is that there can be employees who are not assigned to a project. In turn, however, at least one employee must be allocated to every project.

Figure 4-34 Upper/Lower Limit (3)

If minimum values of 0 or 1 only and maximum values of 1 or * are permitted, the following four cases of a (min,max) - notation can be distinguished: (1,1), (1,m), (0,1), and (0,m). In this case, the following, abbreviated notation can be used (see **Schlageter/Stucky, Database systems 1983, p. 51**):

- 1(corresponds to (1,1)),
- c(corresponds to (0,1)),
- m(corresponds to (1,m)),
- cm(corresponds to (0,m)).

illustrates using this notation.

Figure 4–35 Upper/Lower Limit (4)

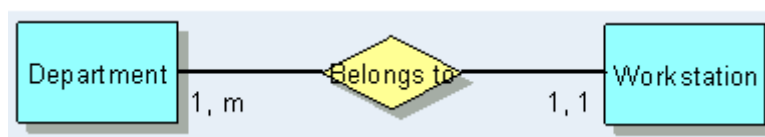


4.2.1.2.3 Identification and Existence Dependence The extension of cardinalities by means of specifying lower and upper limits as discussed in chapter 4.2.1.2.2, now enables certain dependencies between data objects to be defined.

By definition, relationship types and reinterpreted relationship types exist because of the existence of the entity types that link them; thus, they do not exist in isolation. This means that they are dependent on other entity types in terms of both existence and identification.

In addition, there are entity types that are still dependent on the existence of other entities, even though they have their own key attribute. These dependencies originate from a grouping operation, for example. Thus, as shown in , a department makes sense only if it is assigned at least one workstation, and the definition of a workstation is only plausible if it is assigned to a department. As shown in , these existence dependencies are expressed by the degrees of complexity. In a (min,max) notation, this is specified by (1,1) and (1,*). The definition of existence dependencies within the data model results in conditions for the referential data integrity in a subsequent conversion. In simple terms, this means that complying with these conditions guarantees that the consistency of the database contents is maintained even after certain transactions are carried out. In the example below, this means that a department can be deleted only if all workstations assigned to this department are also deleted.

Figure 4–36 Existence dependence

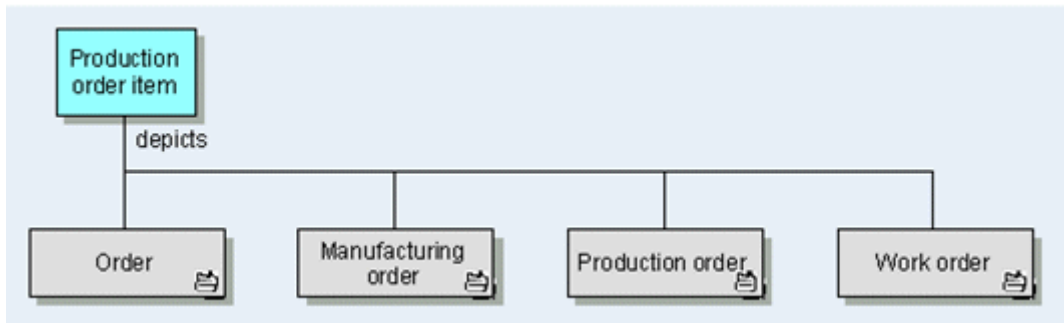


4.2.1.2.4 Modeling Technical Terms of the Company - Technical Terms Model In modeling, especially in data modeling, we have to deal with one frequently occurring difficulty: the variety of terms defining information objects in large companies. What is understood by the term **Order** in the purchasing department is totally different from what people in the production department associate with it. However, acceptance of the information gained can be increased substantially by the consistent use of

terminology throughout the company or the department. For this reason, the Oracle BPA Suite method set contains so-called technical term models which not only allow the different terms in the sense of synonym management to be managed, but also enable the relationships between the data model's objects (entity type, relationship type, etc.) to be maintained as well as the technical terms specified by the company.

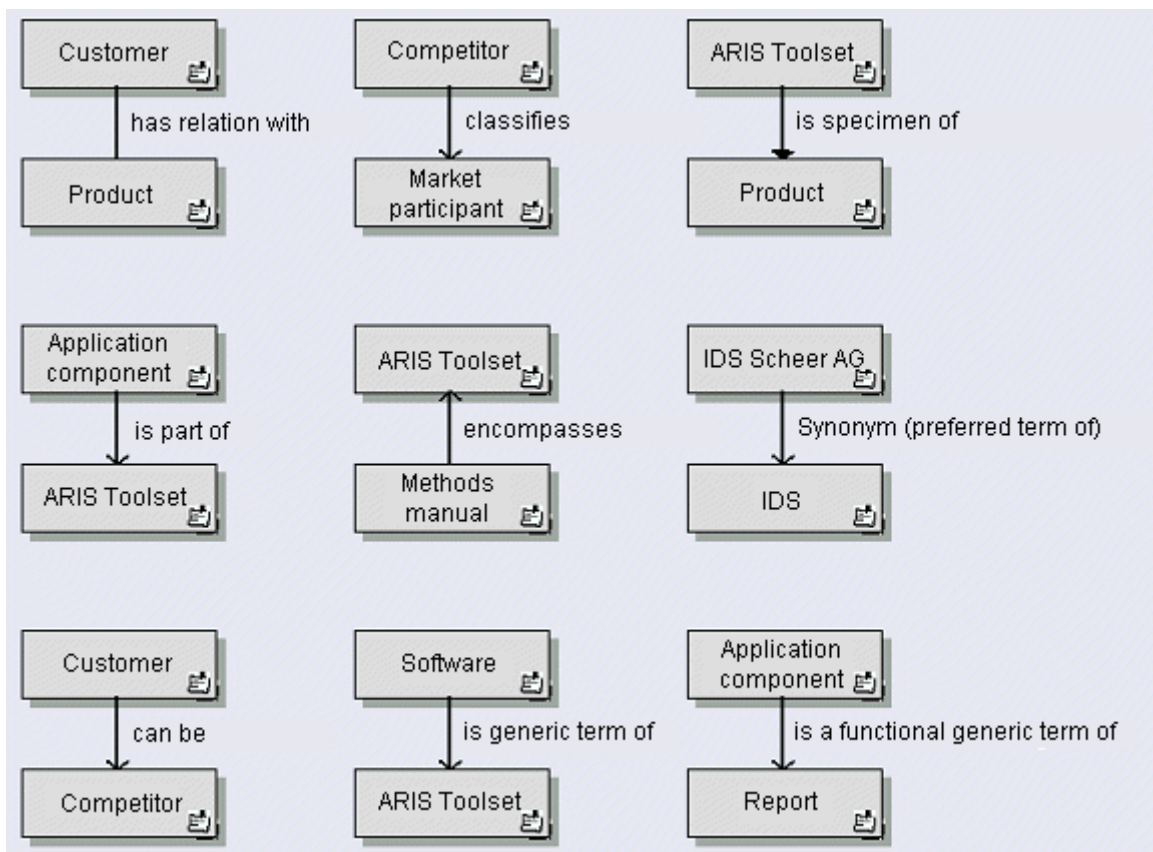
For the purpose of illustrating these relationships, the **Technical terms** object type is introduced. Multiple technical terms can be assigned to every information object of the data model. illustrates an example.

Figure 4-37 Technical Terms



Technical terms can be related to each other and can be displayed in a hierarchy. explains the usage of the various connection types between technical terms.

Figure 4-38 Connections between Technical Terms



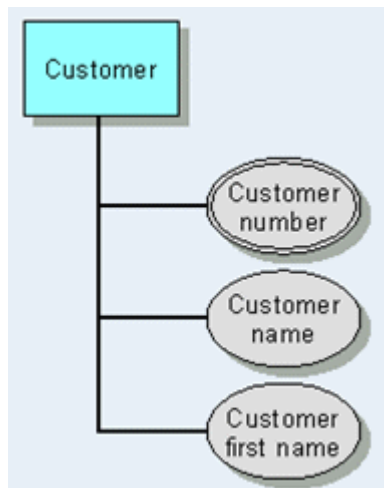
The technical terms defined in the technical term model can also be used in other model types that contain information objects, for example in process chains for illustrating a function's input/output data.

4.2.1.2.5 eERM attribute allocation diagram Data models in the form of eERM illustrations which only display entity types and relationship types, very often have quite a complex structure. If the ERM attributes were included in these models, they would no longer be legible.

By means of eERM attribute allocation diagrams, you can assign the ERM attribute allocations to every entity and relationship type in a separate model. The eERM object type (entity type or relationship type) can be included in this model in the form of an occurrence copy and the relationship to the ERM attributes can be modeled.

Distinctions can be made whether the linked ERM attribute is a key attribute, foreign key, or descriptive attribute. illustrates an example.

Figure 4–39 Allocation of ERM Attributes to an Entity Type



Apart from representing and allocating individual ERM attributes you can also display attribute type groups and their allocations in this model type.

Definition: An attribute type group represents a group of ERM attributes of one entity type which are semantically closely related. For example, the ERM attributes of an entity type that in their entirety form a secondary key can be combined to form an attribute type group.

Attribute type groups are represented as follows:

Figure 4–40 Illustration of an Attribute Type Group



The chapter on **ARIS Method items** includes a summary of possible relationships of the ERM attribute allocation diagram.

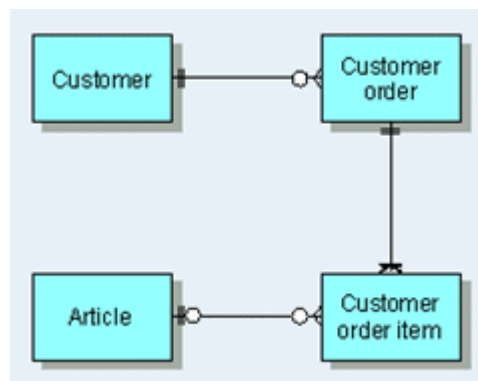
4.2.1.3 Alternative Forms of Representation

4.2.1.3.1 IE data model The IE data model complies with the notation of the data modeling of the CASE tool Information Engineering Facility((IE) by Texas Instruments Inc.

The IE notation does not have its own object types for relationships between entity types.

The following illustrates an example of a data model in IE notation.

Figure 4-41 Data Model in IE Notation



4.2.1.3.2 SeDaM model The SeDaM model (semantic data model) notation is a BASF AG notation.

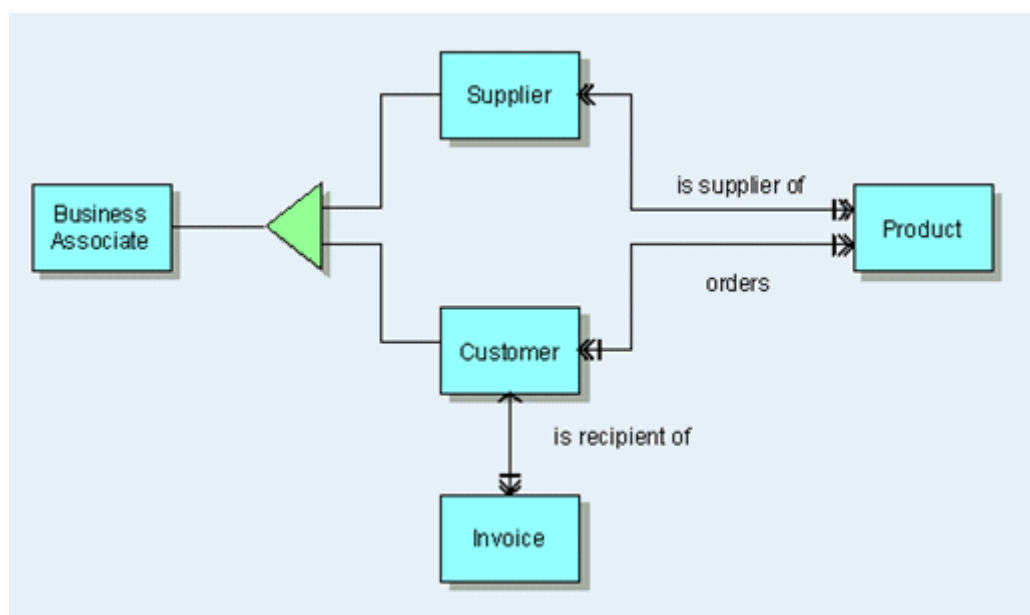
This notation also does not provide separate object types for relationships between entity types.

There is no strict arrangement of entity types from left to right.

The **Data cluster** and **Generalization type** object types are also available.

shows an example of a data model in SeDaM notation.

Figure 4-42 Data Model in SeDaM Notation

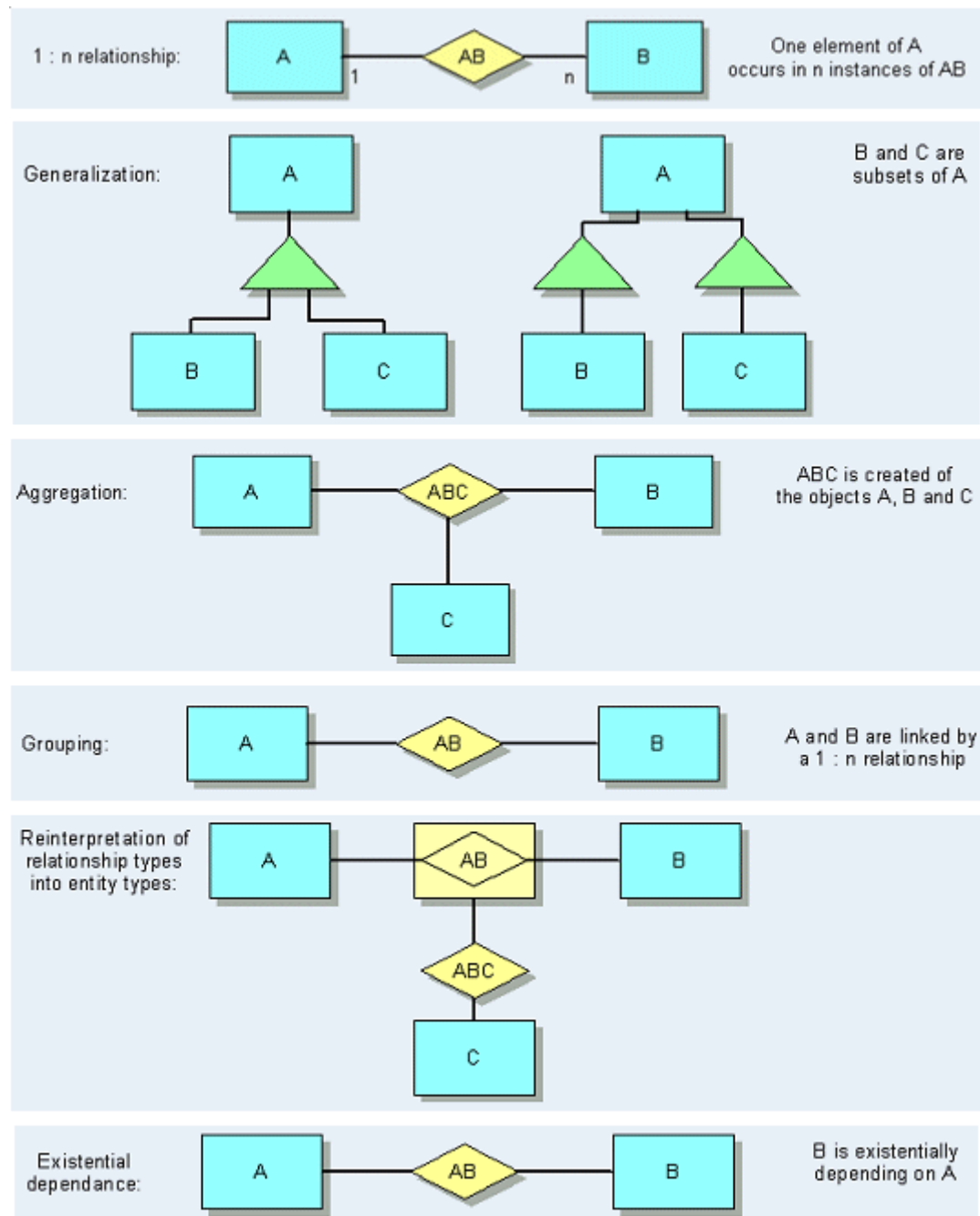


The chapter on **ARIS Method Items** contains a summary of all possible relationships of the SeDaM model.

4.2.1.4 Summary of the Most Important Concepts and Forms of Representation of the eERM

The concepts and representation forms of the structural elements and design operators of the extended entity relationship model (eERM) are summarized (see Scheer, Business Process Engineering 1994, p. 45).

Figure 4-43 eERM: Concepts and Forms of Representation



4.2.1.5 Document Type Definition

A model of the **DTD** type (document type definition) describes the rules according to which an XML document of a specific type must be constructed. The description is in the form of element type declarations.

For example, you can define the general structure of a document category using a DTD. A valid document of a document type defined in the DTD can be created as an XML document. This has the advantage that the document can be processed by various programs together with the corresponding DTD.

The model must be constructed from an object of the **Element type** type in a strict hierarchy. The source object may not have any incoming connections. Furthermore, connections must always run from the superior object to the subordinate object. While you can describe all element types in a DTD model for clear document structures, with complex structures you can also declare an element type in an assigned DTD model.

If you work with assignments the assigned model must contain the complete description of the element type.

Using the **DTDExport.rsm** report you can create a DTD file from the basic model covering the entire DTD model structure.

If you have a document type declaration in the form of a text file, you can use the **DTDImport.rsg** report to generate a **DTD** type model from it.

4.2.1.5.1 Element Types The essential components of a DTD are element types. Instances of element types that occur in the DTD model hierarchy may occur in a valid XML document and are called elements.

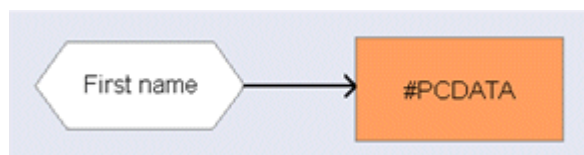
Each element type is described by its content and its attribute types.

Three types of element types can be distinguished by their content:

- Element types with text as content
- Element types without content
- Element types with text and/or other element types as content.

To describe an element type that has only text as content you place an object of the **Element type** type with the required name and an element of the **Contents** type with the **#PCDATA** symbol. Finally, you draw a connection of the **contains** type between the element type and the content.

Figure 4-44 DTD Element Type with Pure Text Contents



To describe an element type without content you place an object of the **Element type** type with the desired name and an element of the **Contents** type with the **EMPTY** symbol. Finally, you draw a connection of the **contains** type between the element type and the content. A typical example of an element type without content is the `` day in HTML. The essential benefits of empty element types are that they can have useful attributes, such as the SRC, ALIGN, ALT and ISMAP attributes of `img` day.

The most complex form of an element type is an element type with mixed content. In this case, text or element types can be assigned to an object of the **Element type** type.

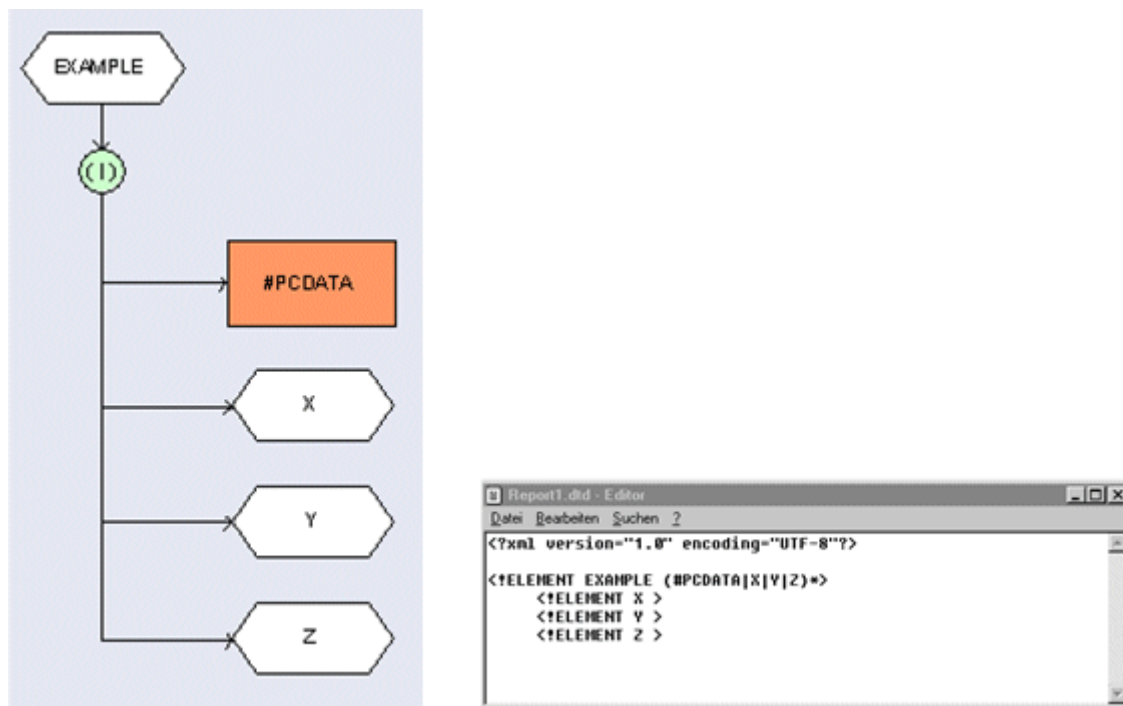
To describe the form in which assignments are linked to each other, operators can be used. The possible connections between the element type and the assignments describe how often an assignment can occur in the element type content.

You have the sequence operator and the XOR rule to link assignments.

If only one of a specified number of assignments is allowed in the content of the element type being described, the assignments must be linked with each other by an XOR rule.

If several assignments are allowed only in a certain order in the content of the element type being described, they must be linked by a sequence operator. In order to clearly specify the order required, indicate the relevant position for the assignment at the connection between the operator and the assignment.

Figure 4–45 *Element Types with Mixed Content and Conversion in the DTD*



Assignments can also be linked to the element described without operators. In this case it is assumed that the sequence link is of any order.

4.2.1.5.2 Connection Types Assignments in the content of an element type can occur with varying frequency. The number of permitted occurrences of an assignment in the content of the element type is determined by the connection type between element type and assignment.

You can choose between the following connection types:

- has any number of times
- has at least once
- has at most once
- has exactly once

The following table explains the various connection types and displays the symbol that is used in the DTD produced to clarify the occurrences.

Table 4–1 Connection Type

Connection Type	Description	Symbol
has any number of times	The assignment must not necessarily occur in the content of the element type being described. If it occurs it can occur once or a number of times (min = 0, max = any positive whole number).	*
has at least once	The assignment must occur in the content of the element type being described and it can occur more than once (min = 1, max = any positive whole number).	+
has at most once	The assignment must not necessarily occur in the content of the element type being described. If it occurs it must only occur once (min = 0, max = 1).	?
has exactly once	The assignment must occur in the content of the element type being described. However, it may only occur once (min = 1, max = 1).	no symbol

4.2.1.5.3 Attribute Types In addition to the structure description, a DTD can contain declarations of attribute types. Attribute types describe the properties of an element type. They are always assigned to an element type.

Simple attribute types and enumeration attribute types can be declared in a DTD.

To define a simple attribute type,

1. place an object of the **Attribute type** type with the required name on the model and
1. draw a connection from the element type whose property is described by the attribute type to the new attribute type.
1. Then open Attribute Editing to specify further information for the attribute type declaration.

This information includes:

- Data type of the attribute value
- Attribute default
- Default value

Data Type of the Attribute Value

To specify the data type of the attribute value, maintain the **Data type** attribute. The following table explains the data types specified:

Table 4–2 Data Type

Data Type	Description
CDATA	Strings can be used in the attribute value.
ID	A unique identifier can be used in the attribute value. If the value is not unique the XML processor sends an error message.
IDREF	A reference to an identifier that is defined elsewhere in the document can be used in the attribute value. When an identifier that has not been assigned in the current XML document is used as a value, the XML processor sends an error message.
IDREFS	The attribute value can consist of several attribute values of the IDREF type separated by spaces. When an identifier that has not been assigned in the current XML document is referred to in the attribute value, the XML processor sends an error message.
ENTITY	A reference to an external binary entity that is declared within the DTD can be used as an attribute value.

Table 4–2 (Cont.) Data Type

Data Type	Description
ENTITIES	The attribute value can consist of several attribute values of the ENTITY type separated by spaces.
NMTOKEN	Any combination of letters, numbers, periods, dashes, semi-colons, or underscores can be used as an attribute type.
NMTOKENS	The attribute value can consist of several attribute values of the NMTOKEN type separated by spaces.
NOTATION	A reference to a notation declared in the DTD can be used as an attribute value.

The NMTOKEN value is maintained as the default for the data type attribute.

Attribute Default

You can select one of the following values for the **Attribute default** attribute:

- #REQUIRED
- #IMPLIED
- #FIXED

When the attribute default value for an attribute type is set to #REQUIRED and this attribute is maintained in the XML document for an element, a valid value must definitely be specified for the attribute. If the value is missing the XML processor sends an error message.

When the attribute default value for an attribute type is set to #IMPLIED and this attribute is maintained in the XML document for an element, specification of a value for the attribute is optional.

When the attribute default value for an attribute type is set to #FIXED, a fixed value is used for the attribute value. This value must be specified in the **Default value** attribute. If the attribute is not maintained in the XML document, the XML processor behaves as if it were in the document.

The **#IMPLIED** value is maintained as the default for the **Attribute default** attribute.

To declare an enumeration attribute type,

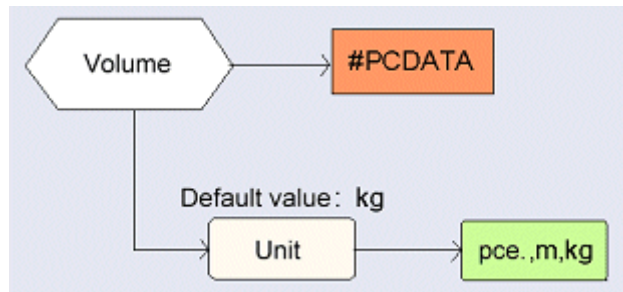
place an object of the **Enumeration attribute type** with the required name in the model and

draw a connection from the element type whose property is described by the enumeration attribute type to the new attribute type.

Then place an object of the **Enumeration** type and enter the values that the enumeration attribute type can accept as the name. The individual values must be separated by commas. If the list of values contains more than 81 characters, distribute the values among several enumeration objects.

Now create a connection between the enumeration attribute type and the enumerations.

Finally, maintain the value from the enumerations that is to be accepted as default in the **Default value** attribute.

Figure 4–46 Element Type with an Enumeration Attribute Type

Information on the **Description/Definition** attribute of DTD models and the element types contained are inserted as comments into the DTD that is generated by the **DTDGenerator.rsm** report.

There are several model attributes available to declare parameter entities, internal or external entities, and notations in a DTD.

Parameter Entity

To declare a parameter entity, enter the following in the specified order:

- the symbol name,
- a keyword and
- a uniform resource identifier (URI) for the required parameter entity declaration.

The symbol name can be used as a parameter entity reference in the current DTD.

SYSTEM and PUBLIC can be used as keywords. To use the parameter entity to refer to a file that is known and used only within your company enter the keyword SYSTEM. But if you refer to a file that is a component of a standard library, enter PUBLIC.

An example of a URI that follows the keyword PUBLIC is: "-//w3c//ENTITIES Latin//EN//HTML" "http://www.w3.org/DTD/ISOLAT1.ent".

Internal Entity

To declare an internal entity, enter the following in the specified order:

- the symbol name and
- a text that are used to declare a general internal entity. Enter a space between the name and the text and write the text in quotation marks.

If an XML document for the current DTD contains an entity reference with the specified symbol name, this name will be replaced by the specified text.

External Entity

To declare an external entity, enter the following in the specified order:

- a symbol name,
- a keyword,
- a uniform resource identifier (URI) and
- a notation, which are used to declare a general external entity.

The symbolic name can be used as an entity reference in an XML document in the current DTD.

SYSTEM and PUBLIC can be used as keywords. To use the external entity to refer to a file that is known and used only within your company enter the keyword SYSTEM. But if you refer to a file that is a component of a standard library, enter PUBLIC.

A URI tells the XML processor where the object that the external entity refers to can be found.

An example of a URI, that follows the keyword SYSTEM is: "c:\images\test.gif".

An example of a URI that follows the keyword PUBLIC is: "-//w3c//ENTITIES Latin//EN//HTML" "http://www.w3.org/DTD/ISOLAT1.ent".

The notation at the end of the entry tells the XML processor about the type of object the external entity refers to. The notation used must be declared in the current DTD.

For example, if you use the URI of the first example in your entity declaration, first declare a notation for the GIF data format in the DTD and insert NDATA.GIF to complete your entry in this attribute type.

Notation

To declare a notation, enter the following in the specified order:

- a symbol name,
- a keyword and
- a uniform resource identifier (URI).

This information tells the XML processor how it should handle objects of this type that occur in the XML document of the current DTD.

The symbol name for the notation can be used in attribute and entity declarations in the current DTD.

SYSTEM and PUBLIC can be used as keywords. For example, if you declare a notation for objects in GIF format and want the XML processor to display objects of this type with the locally available Internet Explorer, enter the keyword SYSTEM. However, if you declare a notation for files of the TEX type and would like to refer the XML processor to a generally accessible resource or source, enter PUBLIC as keyword.

The uniform resource identifier tells the XML processor where it can find the application or information containing the instructions for handling objects of the specified type. The URI for the GIF notation with the keyword SYSTEM could be "c:\Program Files\Internet Explorer\Iexplore.exe", whereas you can enter "ISBN 0-201-13448-9:://NOTATION TeX//EN" as URI for the notation with the keyword PUBLIC.

4.2.1.5.4 Testing DTDs When you have created the required DTDs and want to test these in two steps, you can activate or disable parts of the DTD that are not used in the current test using the Conditional **section** object type.

If you want to hide element types in a DTD that are subordinate to a conditional section, activate the **Ignore** attribute of the corresponding conditional section.

If you use the **DTDImport.rsg** report script to turn a text DTD containing a conditional section into a **DTD** type model, the content of that section will not be included.

A model of the **DTD** type can be assigned to data elements of the ARIS Method. The data elements include:

- Cluster/Data model
- Package

- Entity:Type
- Type:Entity
- Technical term

4.2.1.6 Material Flow Modeling - Material Diagram

To illustrate the material flow in process models(EPC (material flow), PCD (material flow)), the material types are allocated to the individual functions of the business process in the form of function input or output. As with the allocation of information objects to functions (the transformation of information is represented by means of functions), this allocation represents the transformation of input material types to output material types.

In the material diagram you can define material types, arrange them in hierarchies, and classify them in material classes.

Definition:A material type represents the typification of individual materials which have exactly the same material characteristics.

Definition:Similar material types can be combined to form a material class. The similarity can be considered for various aspects of classification. Therefore, one material type can be assigned to several material classes.

Material types can be allocated to packaging material types. This indicates that certain material types can only be transported in particular packaging material types.

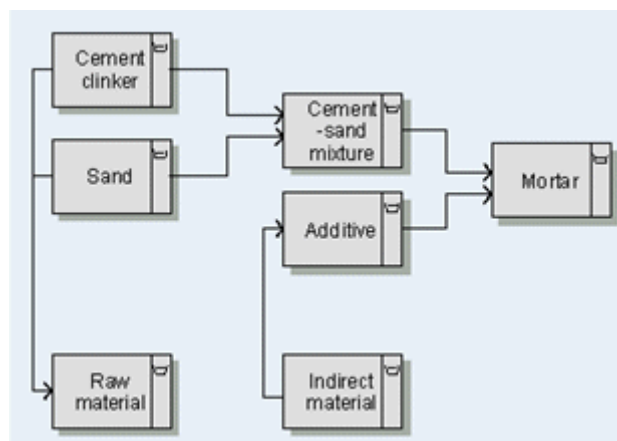
Packaging material types can also be defined, arranged in hierarchies, and classified. For example, this enables the structure and restrictions of complex packaging trade units to be illustrated.

Definition:A packaging material type represents the typification of individual packaging materials which have exactly the same characteristics (e.g., material characteristics).

Definition:Similar packaging material types can be combined to form a packaging material class. The similarity can be considered for various aspects of classification. Thus, one packaging material type can be assigned to several packaging material classes.

illustrates an example of a materials diagram with its hierarchy levels and classifications.

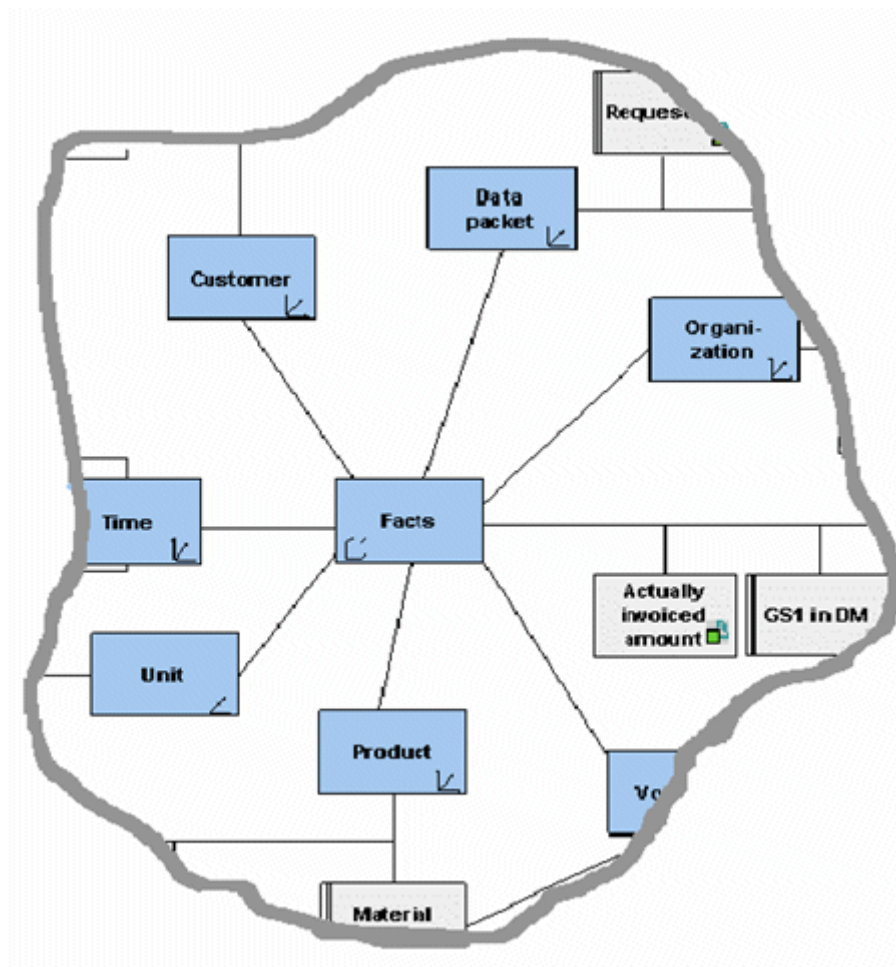
Figure 4–47 Example of a Material Diagram



4.2.1.7 Modeling the Data Warehouse Structure

The Data Warehouse structure diagram describes the structure of a Data Warehouse. Primarily, the diagram is a static description, i.e., it illustrates the relations of data among each other as well as their locations. In the ARIS architecture this type of description is realized in the data view. The relations of the information as well as their arrangement are the central aspect here. The data dimensions are described by the info cube. The interplay of the dimensions is represented by the Star schema (see). In this schema, one dimension can serve as a key for connecting other dimensions. The objects of the individual dimensions can accept specific values, which are cataloged in the fact tables and exactly specified through KPIs. The dimension tables with their key attributes and features describe the dependencies. The hierarchy relationships of the features to each other are described by tree structures. Finally, the dimensions are allocated to master data tables using the structure diagram.

Figure 4–48 Data Warehouse in the Star Schema

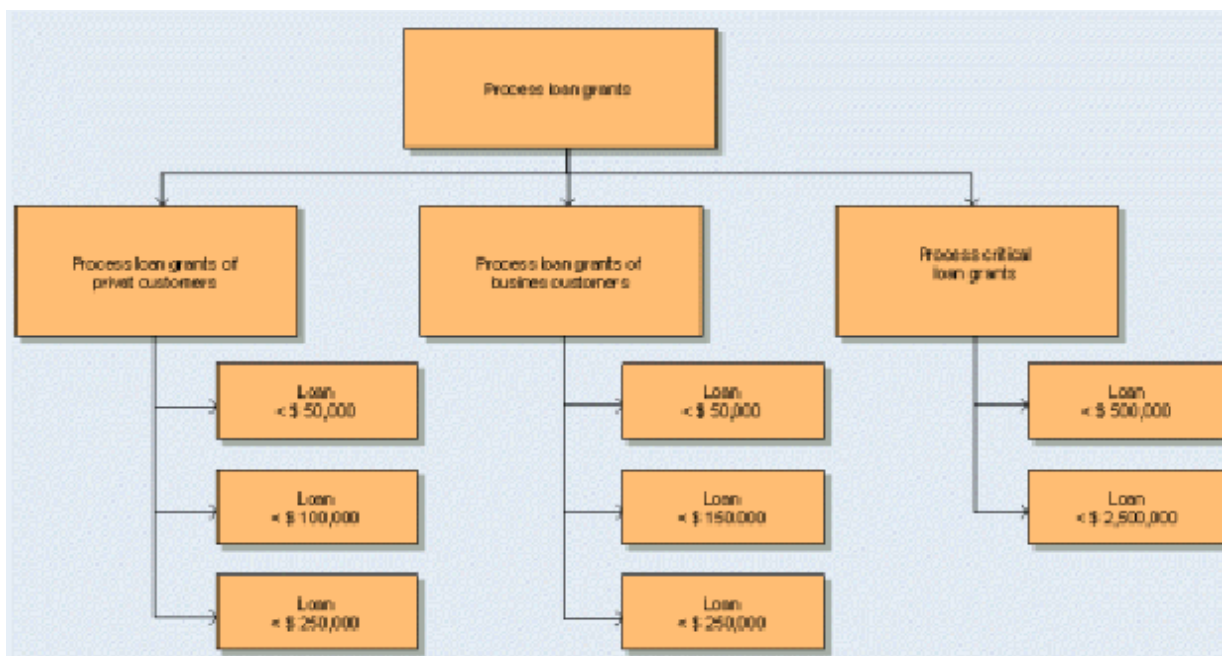


4.2.1.8 Authorization Hierarchy

The authorization hierarchy diagram is used in role modeling and organizational modeling. It illustrates the relationships of authorizations that were defined in the role diagram. Superior and subordinate authorizations are defined so that a logical structure is ensured and authorization conflicts are avoided.

The authorization hierarchy diagram is closely associated with the role diagram. The authorizations listed are used in the role description to define the requirements profile. The structure corresponds to that of a function tree.

Figure 4–49 Authorization Hierarchy



4.2.1.9 Process Cost Management Data Model

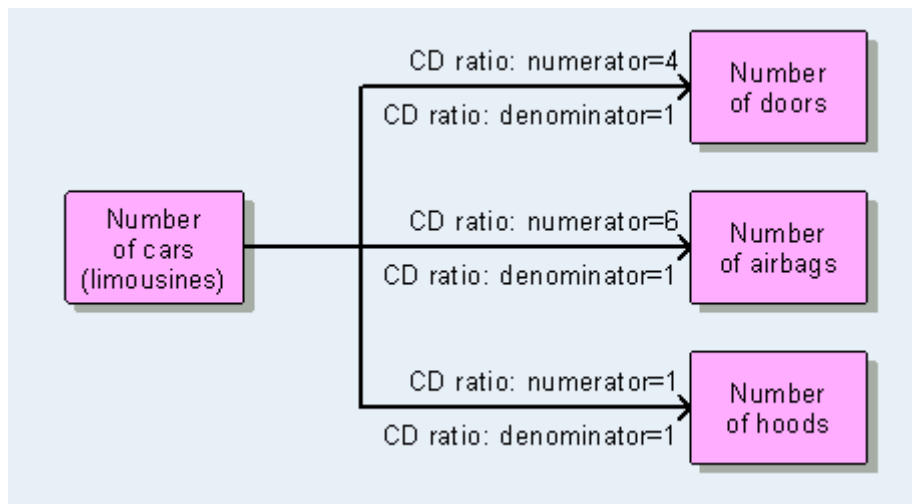
4.2.1.9.1 CD diagram The area of application for the CD diagram (cost driver diagram) is process cost management. The hierarchy of cost drivers is shown in the CD diagram.

Definition: A cost driver is an informative unit of measurement/reference value for estimating the costs of a specific process. The reference value should be an operational value that is easily derived from the information sources available and remains proportional to the cost estimation.

Therefore, cost drivers can be defined only for performance amount-variable or performance amount-induced processes. Cost drivers cannot be defined for performance amount-neutral processes (e.g. "Managing department"). An example of a cost driver is "Length of a street" for the "Blacktopping a street" process.

The hierarchy of cost drivers is mapped in the CD diagram by directed connections of the "determines volume of" type. The "CD ratio numerator" and "CD ratio denominator" attributes must be maintained on these connections. If "CD ratio denominator" is not maintained a value of 1 is assumed. The quotient of these two attributes determines the quantity relationship between the two cost drivers for process calculation.

shows an example of the above including two cost drivers: "Number of cars (limousines)" and "Number of doors". In order to show that each limousine has four doors, the "CD ratio numerator" attribute must be set to "4" at the connection from the "Number of cars (limousine)" cost driver to the "Number of doors" cost driver.

Figure 4–50 Example of a CD Diagram

The cost drivers are allocated to the individual processes in the process view tables. The usage factor for each function in the processes can be determined automatically using the cost driver hierarchy.

4.2.1.9.2 Cost category diagram The area of application for the cost category diagram is process cost management. The hierarchy of cost categories is illustrated in cost category diagrams.

Definition: Cost categories serve to systematically structure all costs that arise from the creation and evaluation of cost drivers (performances). The question is: What costs have been incurred?

For example, material costs are the cost categories for the use of materials and depreciation is the cost category which records the decrease in value of assets.

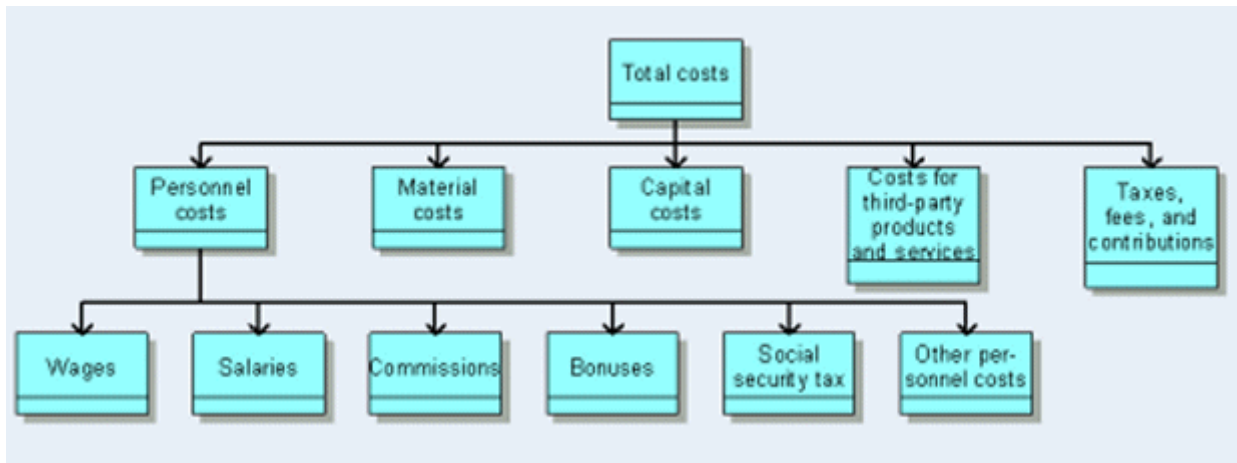
The total costs can be structured according to different criteria. If costs are divided according to the type of the production factors used, this results in a structuring of personnel costs (e.g., salaries, commissions), material costs (e.g., costs of raw materials, depreciation of machines), capital costs, costs for third-party service providers (e.g., transport costs, electricity costs), as well as costs for taxes, fees, and contributions. Cost categories can be further divided according to the most important operating functions, such as purchasing costs, warehousing costs, manufacturing costs, administration costs, and sales costs. Both structures can be refined even further.

The hierarchy of the cost categories is illustrated by directed connections of the "is superior" type.

An important attribute for cost categories is "performance scale". It describes the unit in which cost category performance is measured (e.g., wage hours and square meters for the cost of office and workshop space).

illustrates an example of a cost category diagram which corresponds to the above-mentioned structure including the type of production factors used with a further substructuring of personnel costs.

Figure 4–51 Example of a Cost Category Diagram



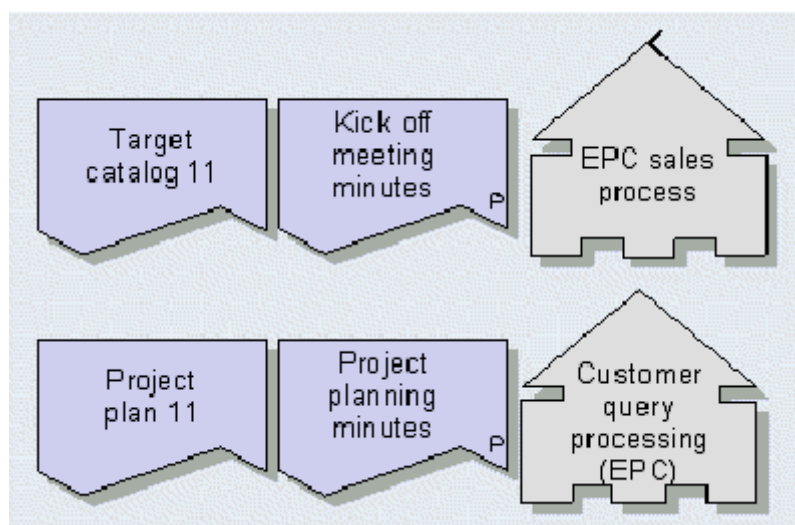
The cost category diagram visualizes the dependencies between cost categories.

4.2.1.10 Project Management Data Model

4.2.1.10.1 Information Carrier Diagram The information carrier diagram is an optional component for project management with Oracle Business Process Architect. It is allocated to the requirements definition of the data view and records incoming and outgoing data in the form of documents, logs, and Oracle BPA Suite models.

As an assignment of a cluster occurrence, Oracle BPA Suite models can be described in the PPC (project process chain, see requirements definition of the process view). As a result, data can be generally specified in the associated cluster. Documents that are really required (e.g. a word processing file) can thus be represented explicitly and called via the **External 1** to **External 3** attributes by Oracle Business Process Architect.

Figure 4–52 Information Carrier Diagram



4.2.2 Design Specification

4.2.2.1 Relations Diagram, Attribute Allocation Diagram

In the design specification, the logical data structures designed in the requirements definition are transformed into a form of description that concrete database systems can be based on. Oracle BPA Suite provides the relations diagram for this.

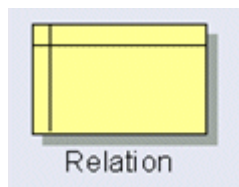
The relations diagram and the attribute allocation diagram are available to define existing relations and attributes and their relationships to the information objects introduced in the requirements definition.

First, the required relations are defined in the relations diagram.

Definition: A relation describes an entity type through its attributes. A relation is a subset of the possible combinations of the value ranges of the individual attributes.

Relations are shown in graphical form as follows:

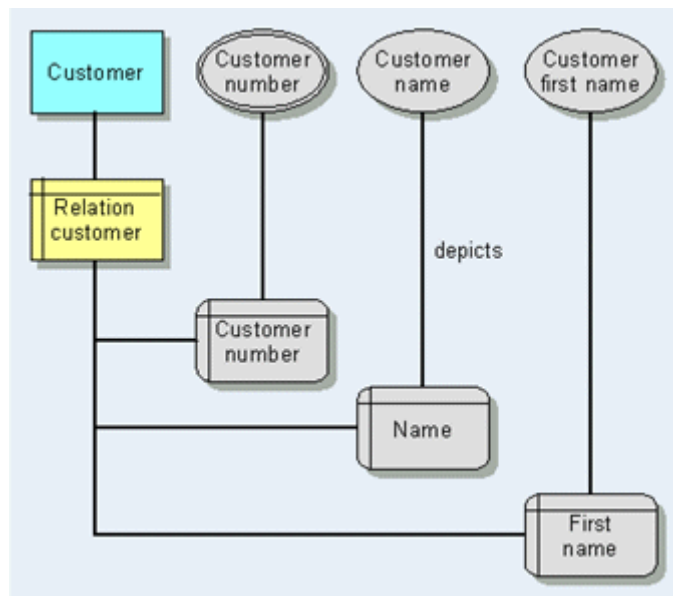
Figure 4–53 *Graphical Representation of the Relation*



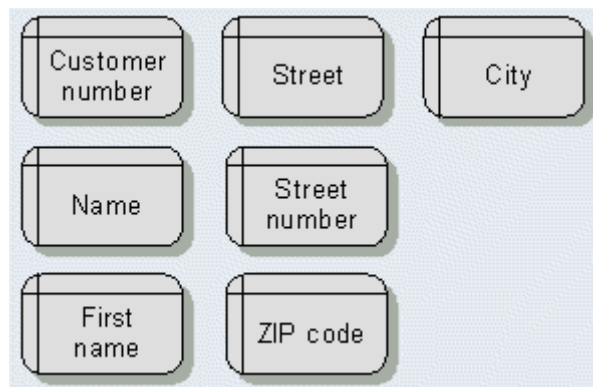
Every eERM entity type now constitutes a relation in the relations model. When you implement the eERM model's relationship types, the cardinality is a very important aspect in deciding whether a separate relation will be created for the relationship type. Unlike 1:n relations, n:m relations need to be illustrated in their own relations.

For each relation, the relations diagram can indicate which entity or relationship types of the eERM model is represented.

Apart from this, a relation can be further specified by listing its attributes. Whether the corresponding attribute serves as a key attribute, foreign key attribute, or descriptive attribute may be defined by the choice of the corresponding connection linking the relation and the attribute. The relation of every single attribute to the ERM attribute of the requirements definition that it illustrates can be established, too.

Figure 4–54 Assignment of the Requirements Definition Attributes and Data Objects

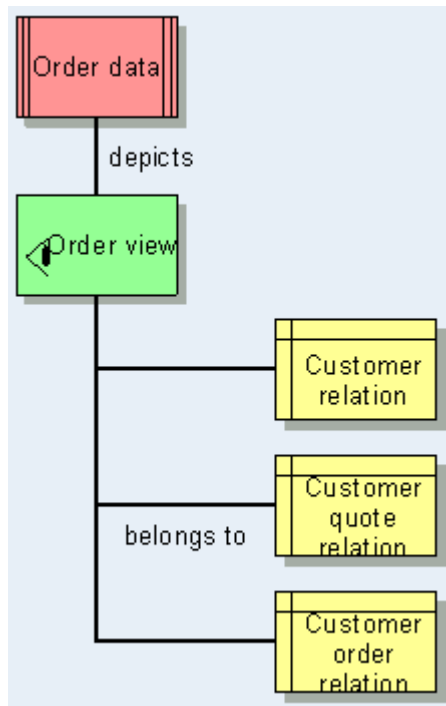
To reduce representation complexity, the attributes of every relation can be defined in an attribute allocation diagram linked with the relation. illustrates an example.

Figure 4–55 Attribute allocation diagram

The requirements definition data clusters are converted in the design specification by a separate object type: the view. Based on the definition of the data clusters, the view is defined as follows:

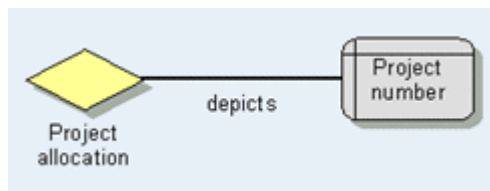
Definition: A view describes the logical view onto a number of relations.

The relations assigned to a view can also be illustrated in a relation diagram. illustrates an example.

Figure 4–56 Definition of a View

1:n relationships of the ER model are not mapped in the relations model by separate relations. The relationship is mapped by integrating the key attribute of the superior entity type into the relation of the subordinate entity type. In this process, the original key attribute becomes the relation's foreign key.

A connection in the relations diagram can also represent the attribute of the relations model which maps the ERM's relationship types (see).

Figure 4–57 Allocation of ERM Relationship Type to Attribute

The chapter on **ARIS Method Items** includes a list of all object and relationship types of the relations model.

4.2.2.2 Modeling of System Interface Models - System Attributes, System Attribute Domain

The **System attributes** model type is primarily designed to perform data export-oriented tasks from Oracle Business Process Architect. This model type enables you to arrange entity types, events, technical terms, functions, information carriers, organizational units, and persons in a hierarchy and specify them uniquely and comprehensively in line with their data processing requirements. This data can be typified according to the usual database requirements as primary and foreign keys, descriptive and mandatory fields. To determine the domain types of these data objects, you can assign the **System attribute domain** model type (see below) again.

In contrast to the ERM attributes, the main feature of the system attributes is the representation and management of interface-oriented data. To ensure high flexibility in terms of the contents to be exported, the system attribute objects contain two value fields that can be filled with relevant information.

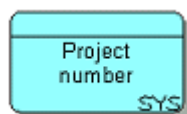
The following example shows an excerpt from the project header definition of a project defined in Oracle Business Process Architect for transfer to a project management system.

Figure 4–58 Example of "System Attributes" Model



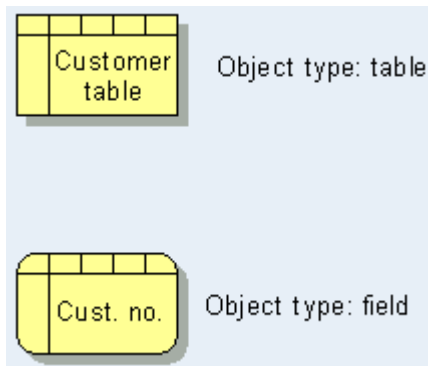
The **System attribute domain** model type defines the system attribute objects according to the data type; for example, it specifies domain type (char, int, date, etc.) and field length. It is mainly used to provide information when data is exported to external systems.

Figure 4–59 System Attribute Domain

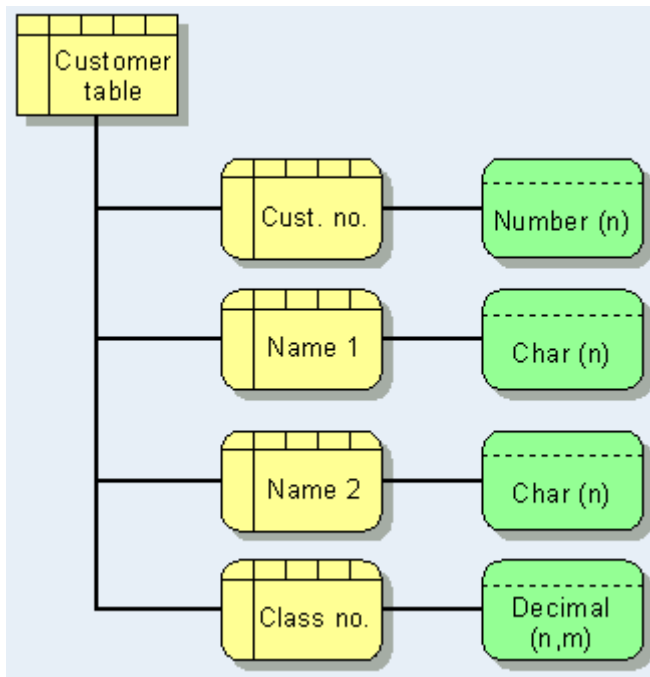


4.2.3 Implementation - Table Diagram

A database system's tables and fields can be described in the table diagram. illustrates a graphical representation of tables and fields.

Figure 4–60 Graphical Representation of Table and Field

The individual fields assigned to this table can be shown for each table. For further specification, a sorting index and its domain can be assigned to each field. illustrates an example.

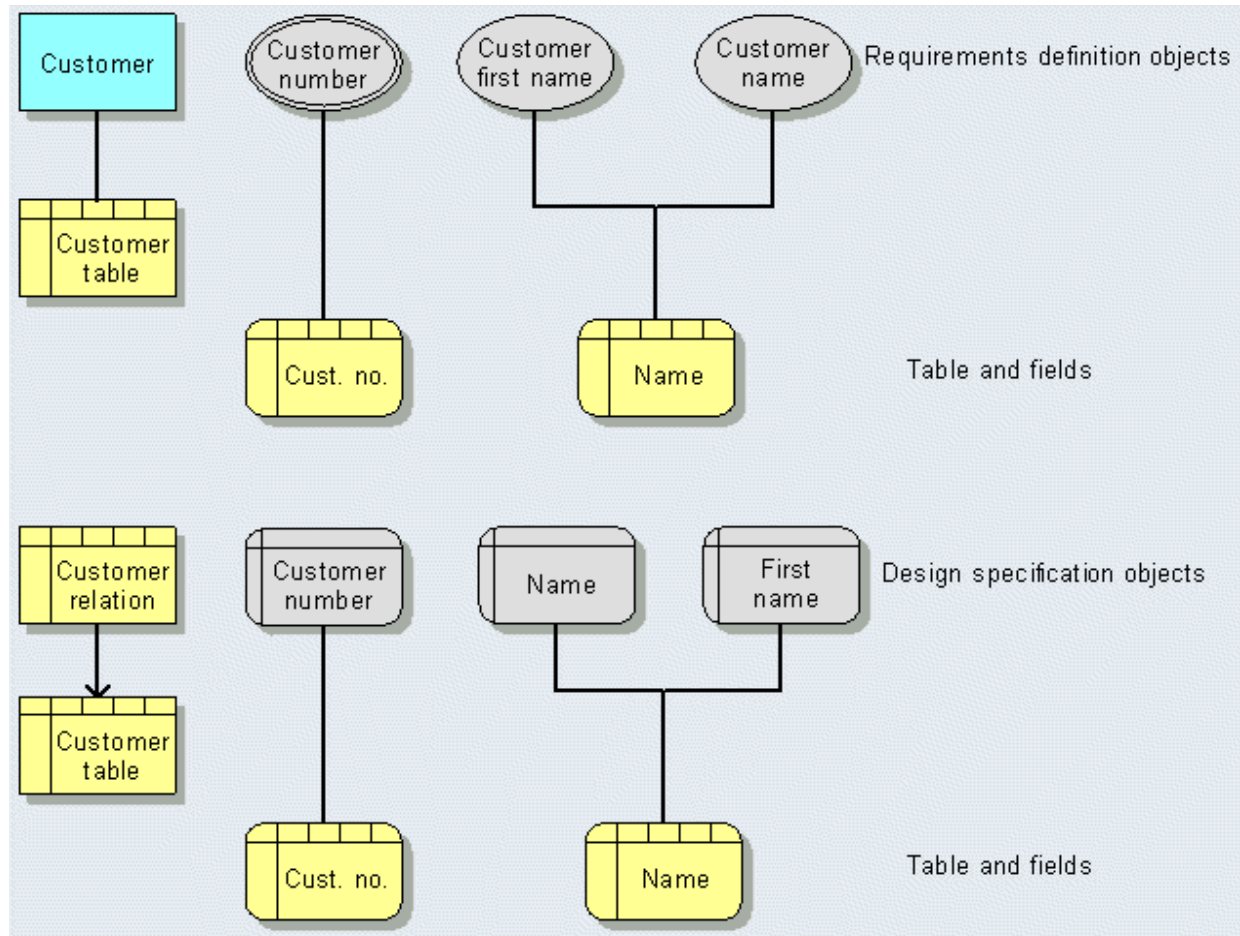
Figure 4–61 Field Allocations

Since relations of the relations model are not necessarily converted into tables and fields on a 1:1 basis (e.g., for reasons of database performance), multilateral relationships between tables and relations or entity types may occur. By choosing the respective connections, these relationships can be illustrated in the table diagram. The data clusters defined in the requirements definition or the views defined in the relations diagram are represented in the table diagram by the **View (physical)** object.

Database tables and fields used in the company do not necessarily have to be converted and documented by defining a relational scheme. That is why the realization relationships can be illustrated not only between relations (or attributes) and tables (or fields), but also between entity types (or ERM attributes) and tables (or fields).

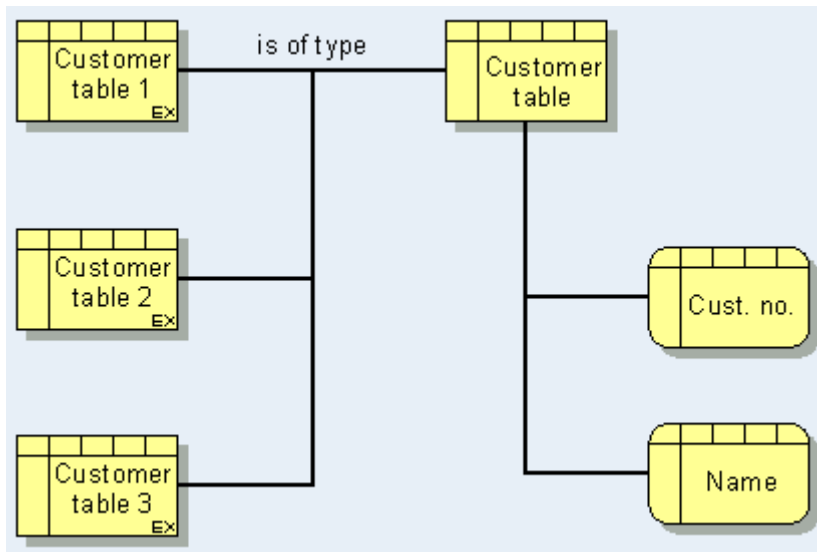
Either the relations and attributes produced by the tables and fields are shown or - leaving out the relational definitions - the entity types, relationship types, and ERM attributes mapped by the tables and fields are represented. shows an example of these two types of representation.

Figure 4-62 Allocation of Objects of the Requirements Definition and the Design Specification



To define the exact location of certain tables and fields, it must also be possible to define every single specimen of a table. The same applies when organizational unit access privileges to tables and fields are to be specified. The **Table** object type introduced earlier determines the logical structure of a physical table and its fields at the "Type level". Multiple specimens of every table thus defined may be available - stored on different media - at different locations in a company. As a means of illustrating this fact, the **Table (specimen)** and **Field (specimen)** object types are introduced.

With the help of these objects, the specimen count of a table or a field can be determined exactly. This context is illustrated in .

Figure 4–63 Table Specimens

The chapter on **ARIS Method Items** contains a list of objects and relationships for the table diagram.

4.3 Organization View

4.3.1 Requirements Definition

4.3.1.1 Organizational Structure of the Company

Companies are complex social structures that are divided into handy units. To deal with their complexity, patterns are defined and rules established. The result of this process is called organization. Until recently, the role of organizational analysis as an aspect of developing information systems has rarely been the object of research. However, newer business concepts, such as Lean Production, Lean Management, or CIM are closely allied with the organizational setup of the area under consideration. For this reason, the ARIS architecture has an independent descriptive view for organization.

In a company's organizational configuration a distinction can be made between the organizational structure and the procedural organization.

The organizational structure encompasses the rules by which the company is statically structured. The procedural organization contains the rules aimed at the tasks to be fulfilled by the company. This task-related structure in the sense of distributing functions to task performers is dealt with in the control view of the ARIS House. Basically, the organization view is the component that allows the analysis of a company's organizational structure.

The design of the perfect company organization with the aim of reducing coordination efforts to a minimum depends on its business environment and its objectives. Therefore, universally valid perfect organization structures in the sense of reference structures cannot be defined.

The exact structure of organizational units depends on various criteria.

A very common criterion is the functional structure. One department function (purchasing, production, finance and accounts department, sales) is given responsibility for all products and territories. The advantage of the fact that the employees are highly specialized is balanced by the disadvantage of the enormous demands in communication and coordination between the functional areas.

Design and use of information systems has been geared towards this functional dissection of companies for a long time. However, when considering process chains holistically in terms of cohesive processing of data objects of the same type, it is difficult to establish the interrelationship between individual functions for such a structural setup.

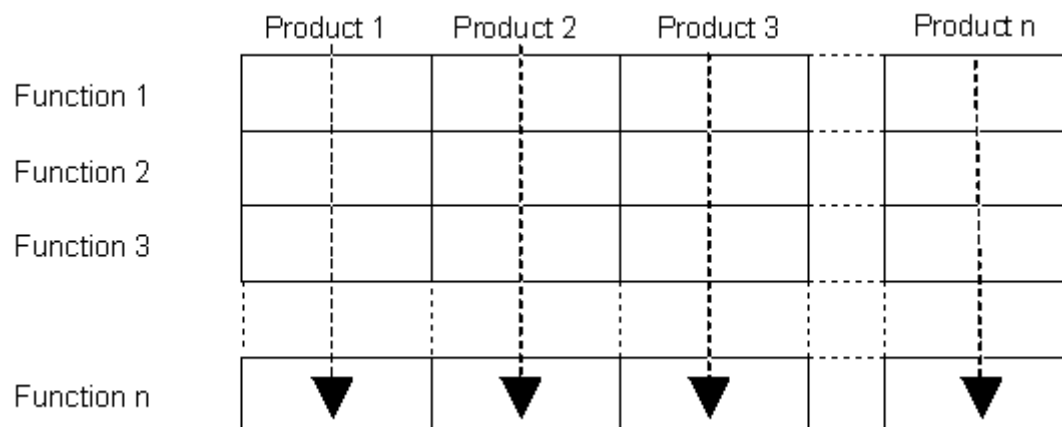
For this reason, the discussion of integrated data processing resulted in the demand for a consistent database which would support the different functions. The aim of functional integration, however, virtually eliminates our objective inherent in the functional structure to reduce complexity.

Hence, when dealing with the objective of functional integration, other criteria of organizational breakdown are frequently applied.

For example, this could be a breakdown by criteria such as areas or products. shows a diagram of a breakdown by product (see Scheer, Business Process Engineering 1994, p. 26 f).

The organizational units of an area-based organizational structure are specified according to the local distribution of the company or company division. This kind of structure is particularly suitable for sales functions because regional factors such as varying legislation can be dealt with more appropriately.

Figure 4–64 Organizational Breakdown by Product



A product-oriented organizational structure defines organizational units for products or product groups. Within a product group, as many functions as possible that are relevant for this particular product group are integrated. The objective of this procedure is to reduce the demands in communication that occur in a functional structure. However, this results in the necessity to mediate between the product group-based subsystems.

In order to counteract these effects, hybrid organizational forms are often created. shows an example of Purchasing (see Scheer, Business Process Engineering 1994, p. 26).

Figure 4–65 Hybrid Organizational Forms

	Product group 1	Product group 2	Product group 3
Central purchasing		Supplier selection	
		Contract agreement	
Scheduling			
Order			

Using a purely functional structure would indicate that central purchasing were responsible for all product groups. In this organizational form, synergy effects that arise between the product groups can be exploited; a single purchasing procedure for all subfunctions would result in major coordination problems. When the purchasing functions are split up according to the various product groups, individual purchasing departments must be established for every product group to carry out all purchasing functions. For example, during selection of vendors or negotiation of framework contracts, synergy effects can be obtained only through high coordination efforts.

As illustrated in the breakdown in , those purchasing functions for which high synergy effects are expected are broken down functionally, i.e. they are carried out by a central purchasing department. Functions which have taken into account particular demands and restrictions of individual project groups are divided by product group in an object-oriented manner. These functions can be integrated in the process procedures of the individual project groups immediately. This means that the processes are handled in the decentralized units while the relationships between the decentralized units are considered at the superior and central coordination level.

These flexible organizational forms are given special emphasis in the ARIS architecture due to their particular process-oriented approach. Strongly accounting-oriented approaches, such as the profit center concept require the formation of organizational structures where several division criteria are analyzed at the same time.

4.3.1.2 Organizational chart

The organizational chart is a typical form of representing organizational structures. Depending on the selected structuring criteria, this type of chart reflects organizational units (as task performers) and their interrelationships.

Definition: Organizational units are the performers of the tasks that must be performed in order to attain the business objectives.

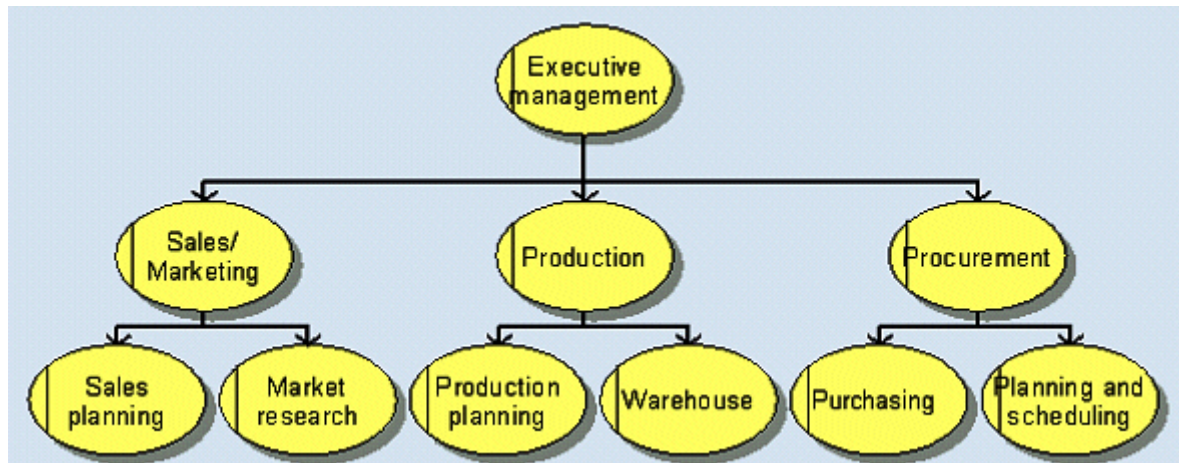
Relationships are the links between organizational units. illustrates this.

A distinction is made between various connection types linking organizational units in order to specify the hierarchical relationships more precisely. In this context, a connection can have one of the following meanings:

- is technical superior to
- is disciplinary superior to
- is a component of

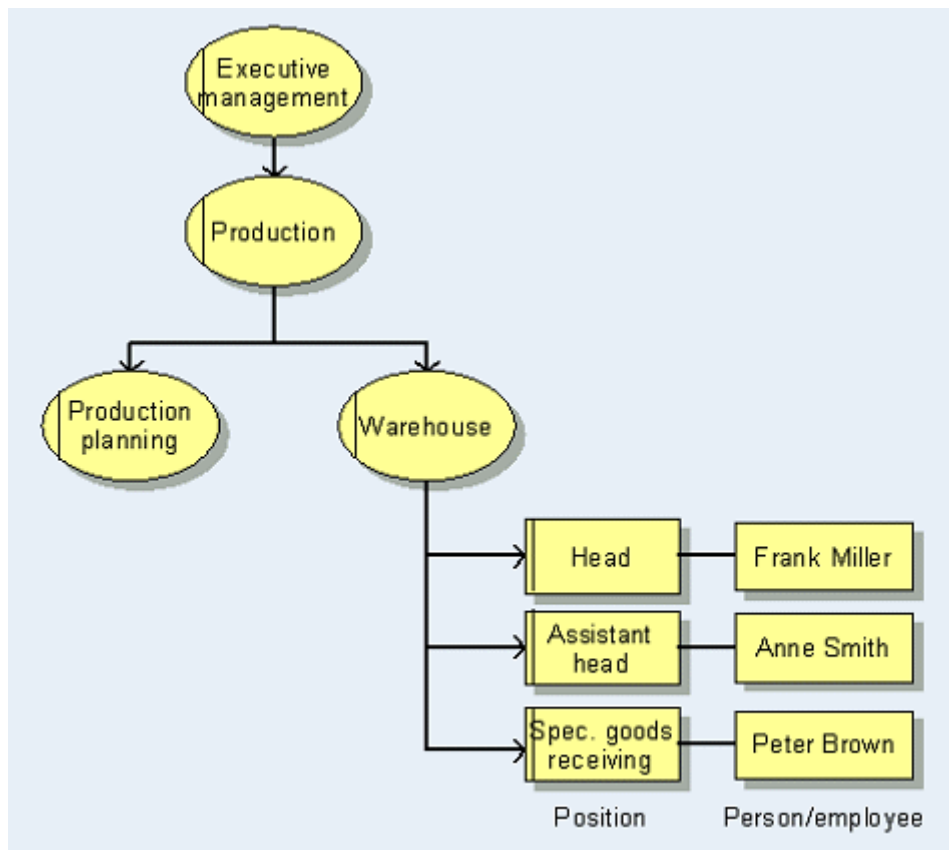
When functional responsibilities are shown in the boxes, the organizational chart illustrates the distribution of business tasks.

Figure 4–66 Organizational Chart



For example, in order to represent individual positions in the company that have job descriptions, the **Position** object type is available. This object type is illustrated in . One organizational unit can be assigned multiple positions. The meaning of the connections matches that between the organizational units.

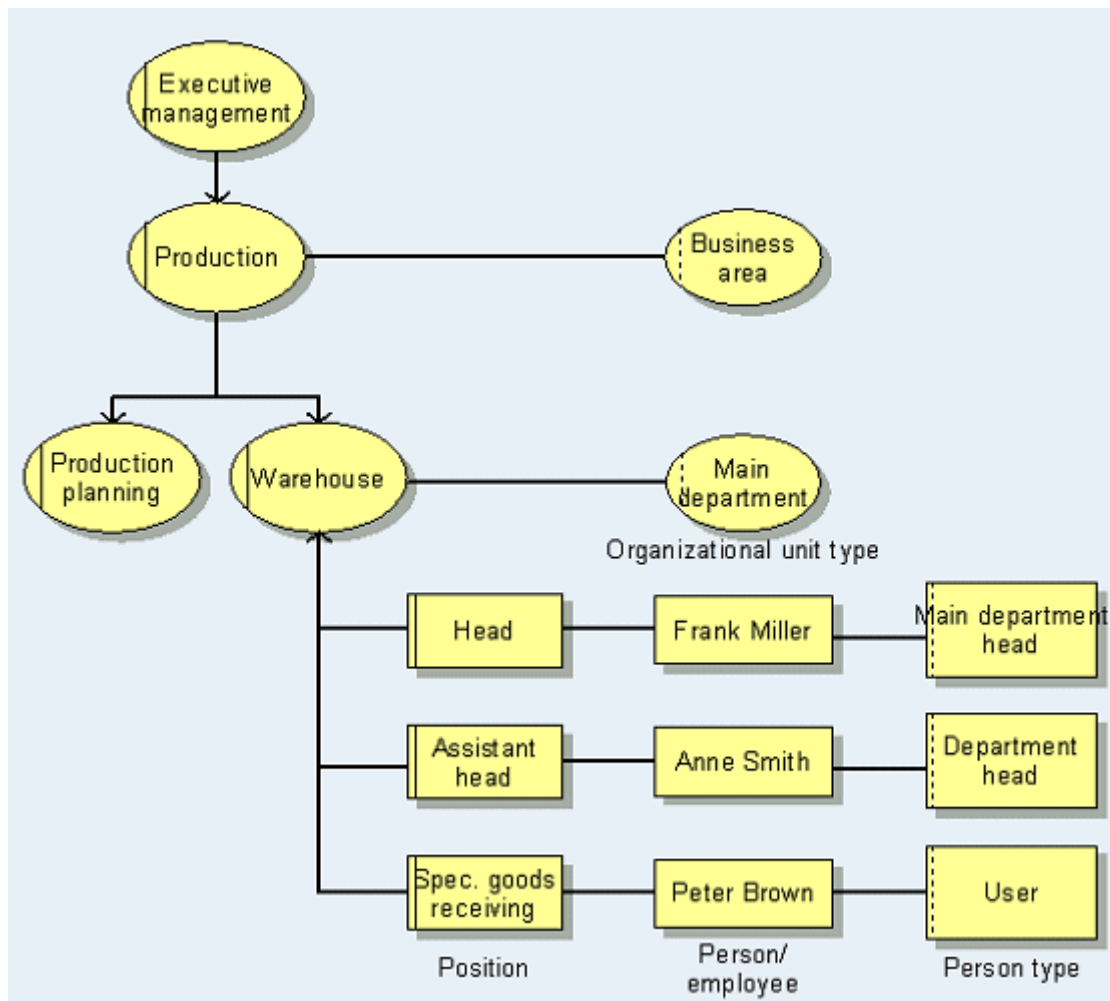
The positions and organizational units can be assigned persons who are holding the positions in question. Oracle BPA Suite also contains separate objects for persons, which are illustrated in as well. The assignment of a person to an organizational unit indicates that this person is an assigned employee of the organizational unit. The association with an individual position defines the current job cover within the company. illustrates an example.

Figure 4–67 Organizational Chart with Position and Person Allocation

Organizational units and persons can also be assigned a type. For example, you can define for each organizational unit whether it is a department, a main department or a group; persons can be assigned to the Department head, Group leader or Project manager person types for example.

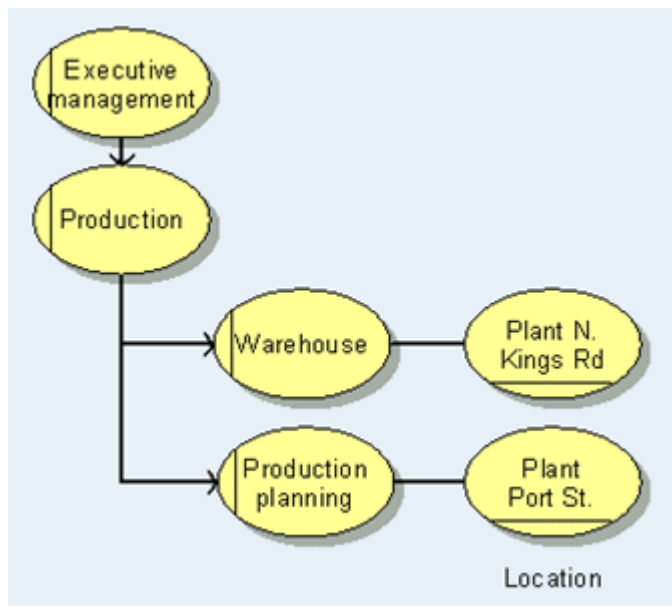
The **Organizational unit type** and **Person type** objects are used to represent this typification. An example of the typification of organizational units and persons is shown in .

Figure 4-68 Person Types



Using these object types enables you to create general business rules derived from concrete organizational units or employees. In process chains, for instance, it can be specified that only certain person types are allowed to carry out one particular function or to access one particular information object.

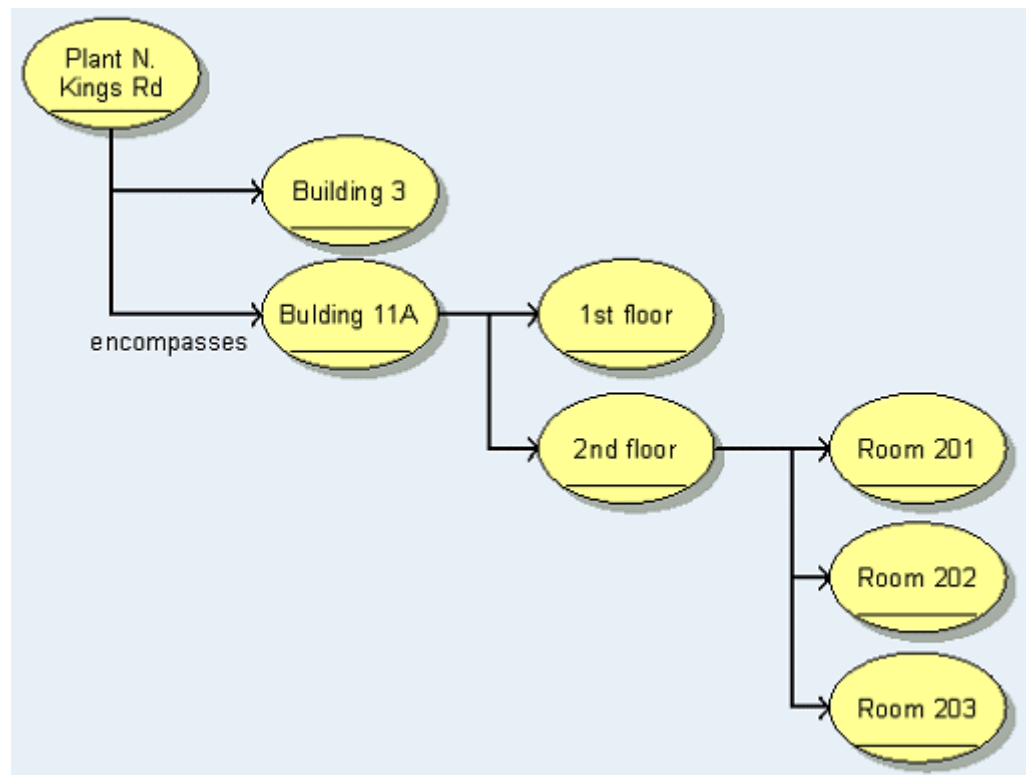
The modeling of the company's organizational structure is the starting point for the network topologies which are to be defined at the design specification level and which are supposed to support the organizational structure in the best possible manner. Network connections and network nodes that are situated in specified locations in the company define the network topology. Thus, the location of an organizational unit is the most important link between the requirements definition and the design specification in the organization view. Therefore, every organizational unit can be assigned its proper location as early as at the requirements definition level. illustrates an example.

Figure 4–69 Location Allocations

Locations can be placed anywhere in a hierarchy. A location can be an entire production plant, one particular building or - when performing a detailed analysis - one individual office or even a single workstation in a room. This means that in the design specification, network nodes can be assigned to an organizational unit's individual workstations. For example, it is possible to define that a total of 3 network nodes must be available in a particular office (room 202).

shows an example of a location hierarchy.

Figure 4–70 Location Hierarchies



4.3.1.3 Shift calendar

Shift calendars can be assigned to personnel and material resources to specify when a resource is available.

Shift calendars are assigned to resources in the organizational chart or the EPC. Shift calendars can be assigned to any personnel or material resource. If there is a hierarchy of personnel resources, the calendar at the lowest hierarchy level applies.

The shift calendar is a multi-level object model. On the lowest level are objects of the **Break** type. A break is the daily time interval within a shift during which no work is performed. The break is indicated by its relative start and its duration. The relative start always relates to the shift to which the break is assigned. For example, if the shift begins at 8:00 a.m. and the break has a relative start of 2 hours, the break begins at 10:00 a.m.

The next hierarchy level contains objects of the **Shift** type. A shift is the daily time interval during which work is performed. The shift is indicated by its relative shift start and its duration. A shift may have more than one break. The relative start times of the breaks must lie within the shift times.

Typical examples of shifts are the early, midday, night, and day shifts. Each shift is repeated every 24 hours. A shift cycle is the weekly time interval or a time interval extending over several days during which work is performed. The shift cycle determines the days on which a certain shift is run or is not run. The shift cycle is specified by its relative cycle start and cycle duration. If a shift cycle is to be repeated continuously this can be defined using the Cyclical repeat attribute. In addition, the Period attribute determines how often a cycle is repeated.

Shift cycles frequently cover a period of one or two weeks. An employee can thus have an early shift one week and a midday shift the next. This sequence can be repeated constantly using shift cycles.

In line with the example above, two shift cycles can be defined:

1. Shift cycle:Relative cycle start = 0

(Early shift)Cycle duration = 5 days

Cyclical repeat = yes

Period = 14 days

2. Shift cycle:Relative cycle start = 7 days

(Midday shift)Cycle duration = 5 days

Cyclical repeat = yes

Period = 14 days

The individual shifts are repeated in a 14-day rhythm, i.e. the periodicity is 2 weeks. If the same employee were to work an early shift on Saturdays every four weeks, the third shift cycle could be defined as follows:

3. Shift cycle:Relative cycle start = 20 days

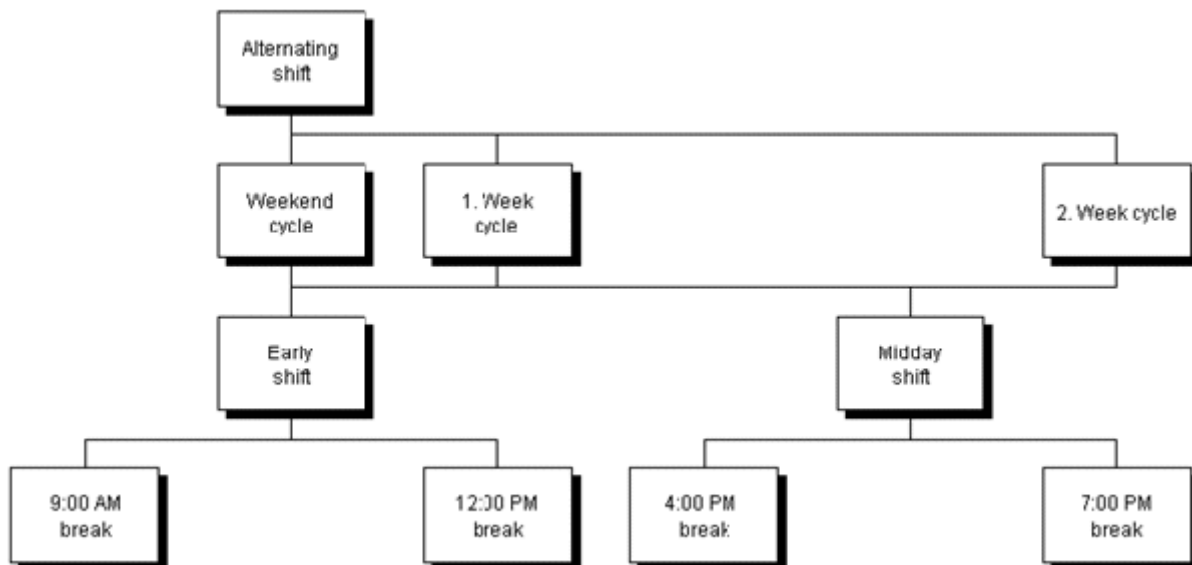
(Early shift)Cycle duration= 1 day

Cyclical repeat = yes

Period = 28 days

The above example is illustrated as a model below. A 1 : n allocation of shifts and shift cycles can be seen.

Figure 4–71 Example of a Shift Calendar



A shift plan is the set of all shift cycles and associated shifts describing the working hours of a resource. This description contains only the part that is repeated periodically; special rules governing vacation, sickness, holidays, or other days on which no work is performed are not included here.

The Shift plan object type includes the Plan start and Plan duration attributes. These attributes specify the timeframe during which the shift plan is valid. The Cyclical repeat and Period attributes also exist for the shift plan.

4.3.2 Design Specification - Network Topology

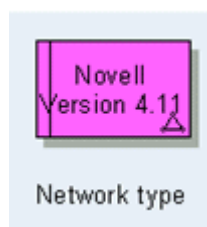
The company's organizational structure as represented in the organizational chart can now be supported using communication and information system infrastructures. The structural requirements for these information systems can generally be defined in the design specification in the form of network topologies.

The network topology model can contain various network types.

Definition: A network type represents a typification of individual network examples which are all based on exactly the same technology.

An example of a network type is shown in :

Figure 4–72 Graphical Representation of a Network Type



Network types can be interlinked and, since they are logical constructs, they can also be placed in a hierarchy.

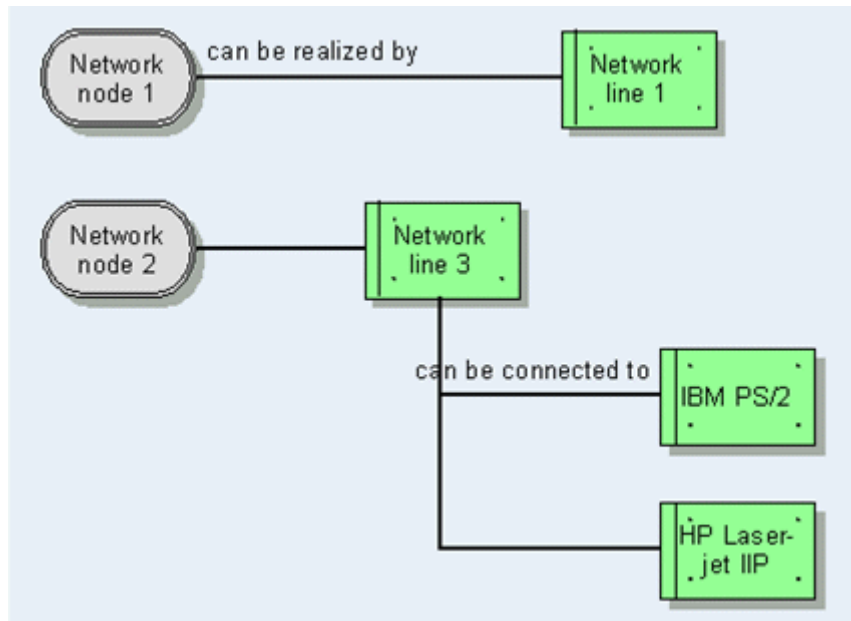
Every network type can be assigned possible network node types and network connection types. Thus, technological restrictions resulting from choosing one particular network for a company can be recognized immediately. For every network connection type it can be shown which network node types it may end in.

When speaking of hardware component types the term may either refer to network hardware for realizing the defined network structures or to hardware component types which can be connected to network node types.

As with application system or network types, hardware component types do not represent individual pieces of hardware components that can be identified (e.g., by inventory numbers assigned by the company). Instead, they represent a typification of all hardware components based on the same technology. Hardware component types can be placed anywhere in a hierarchy.

Definition: A hardware component type represents a typification of individual hardware components which are all based on exactly the same technology.

Together with network node and connection types, a kind of reference model of the network topology can now be created. It displays which hardware component types can be used for realizing certain network connection types or network node types. An example of a connection type might be one particular type of network cable. Apart from this, it is possible to show which hardware component type can be connected to which network node type. Network node types can also have a relationship with hardware component types which are used to create node types. illustrates an example.

Figure 4–73 Network topology

The link between network topology and the objects of the requirements definition is established through two constructs.

On the one hand, the organizational unit or position responsible can be specified for every hardware component type.

On the other hand, you can define the location where each network type, network node type and network connection type and hardware component type may be found. Thus, the location is the central link between the organization view's requirements definition and its design specification.

The chapter on **ARIS Method Items** contains a list of all objects and relationship types of the network topology model.

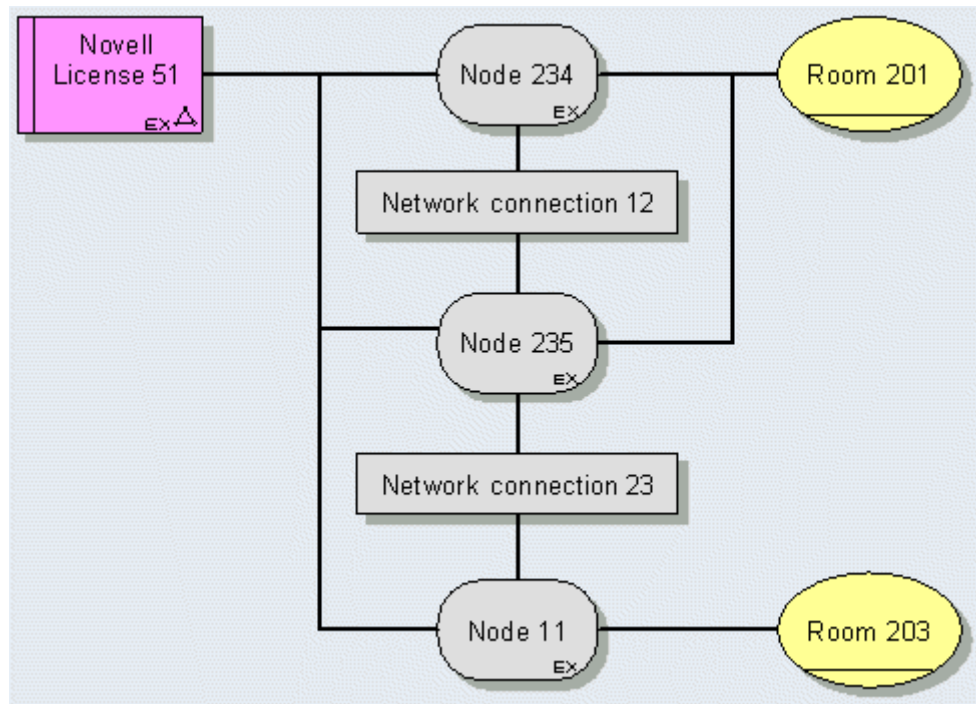
4.3.3 Implementation

4.3.3.1 Network diagram

The network diagram illustrates the actual realization of the network topology defined in the design specification.

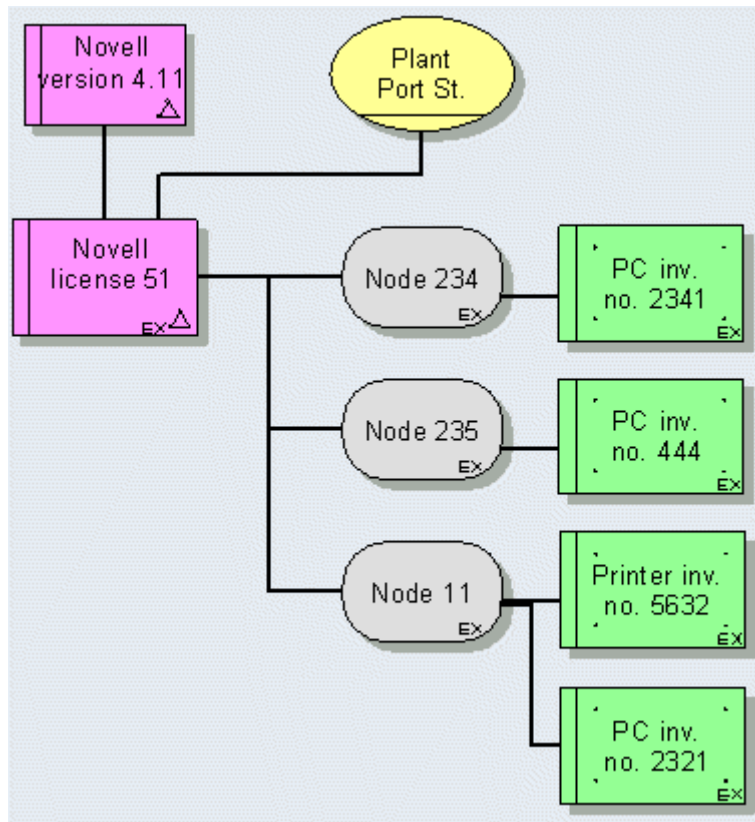
The company's actual networks are recorded by means of the **Network** object. You can specify the network nodes and connections that each network consists of.

The exact location of every network, network node, and network connection within the company can be indicated. In this context, a location can be an entire production plant, one particular building, a building complex, an office, or a specific work station.

Figure 4-74 Network Diagram with Location Allocation

The hardware components for every network connection and network node can be registered. Apart from this, it is possible to illustrate the structural design of every hardware component. On the one hand, hardware components are used to form network connections and network nodes; on the other hand, they can be connected to network nodes. This relationship can be represented in the network diagram, as well. The relationship with the respective object at the design specification level can be modeled for every individual object at the example level. For example, it can be shown that the network in the Port Street plant is of the Novell version 4.11 type.

Figure 4–75 Network Diagram with Hardware Components and Location Allocation



Therefore, in the network diagram the links to the design specification were established with the type allocations, and the links to the requirements definition were established via the allocation of network components to specific locations.

The chapter on **ARIS Method Items** contains a list of object and relationship types of the network diagram.

4.3.3.2 Material Flow Modeling - Technical Resources

To illustrate the material flow in process models (EPC (material flow), PCD (material flow)), the material types are allocated to the individual functions of the business process in the form of function input or output. As with the allocation of information objects to functions (the transformation of information is represented by means of functions), this allocation represents the transformation of input material types to output material types. Additionally, the technical resources necessary for the transformation of materials can be recorded in the process chains. In this context, we distinguish operating resources, warehouse equipment, transport systems, and technical operating supplies.

In the **Technical resources** model type you can arrange these resources in a hierarchy, assign a type to them and classify them. The following object types are available:

Operating resources

Definition: Operating resources are examples of different operating resource types that are available for a company to perform its tasks. Operating resources are often identified by inventory numbers (e.g., number of a production plant).

Operating resource type

Definition: An operating resource type represents the typification of individual operating resources which have exactly the same technological basis.

Operating resource class

Definition: Similar operating resource types can be combined to form an operating resource class. The similarity can be considered for various aspects of classification. Hence, an operating resource type can also be assigned to several operating resource classes.

Warehouse equipment

Definition: Warehouse equipment represents examples of various warehouse equipment types that are available to a company for the performance of its tasks. Warehouse equipment is often identified by inventory numbers.

Warehouse equipment type

Definition: A warehouse equipment type represents the typification of individual warehouse equipment units which have exactly the same technological basis.

Warehouse equipment class

Definition: Similar warehouse equipment types can be combined to form a warehouse equipment class. The similarity can be considered for various aspects of classification. Hence, a warehouse equipment type can also be assigned to several warehouse equipment classes.

Technical operating supply

Definition: A technical operating supply is an example of a technical operating supply type. In general, it can be identified by means of an inventory number.

Technical operating supply type

Definition: A technical operating supply type represents the typification of individual technical operating supplies which have exactly the same technological basis.

Technical operating supply class

Definition: Similar technical operating supply types can be combined to form a technical operating supply class. The similarity can be considered for various aspects of classification. Hence, a technical operating supply type can also be assigned to several technical operating supply classes.

Transport system

Definition: A transport system is an individual example of a transport system type. In general, it can be identified by means of an inventory number or a plant number.

Transport system type

Definition: A transport system type represents the typification of individual transport systems which have exactly the same technological basis.

Transport system class

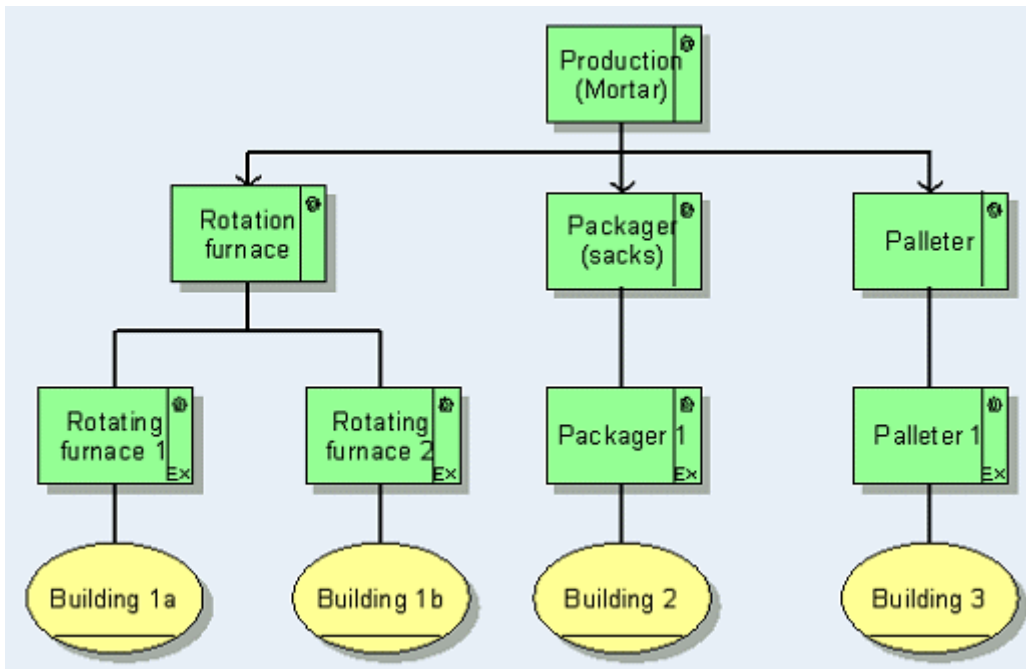
Definition: Similar transport system types can be combined to form a transport system class. The similarity can be considered for various aspects of classification. Hence, a transport system type can also be assigned to several transport system classes.

The different possibilities of arranging the **Technical resources** model type in a hierarchy enable you to describe the structure of complex technical plants. For example, it lets you display the components of a complex production plant and the relationships between them.

Apart from the above possibilities in terms of modeling, you can define location allocations and organizational responsibilities for technical resources. The **Location**, **Organizational unit**, **Group**, **Position**, and **Person** object types are available, which you already know from the **Organizational chart** model type. They can be linked to the **Operating resource**, **Warehouse equipment**, **Technical operating supply**, and **Transport system** object types.

An example of a **Technical resources** model type is shown in .

Figure 4–76 Example of a "Technical Resources" Model



4.4 Process View/Control View

4.4.1 Requirements Definition

The relationships between the objects of the data, organization, and function views are analyzed in the control/process view. The relationships to be analyzed result from the connections between the views in Figure 2.2-2.

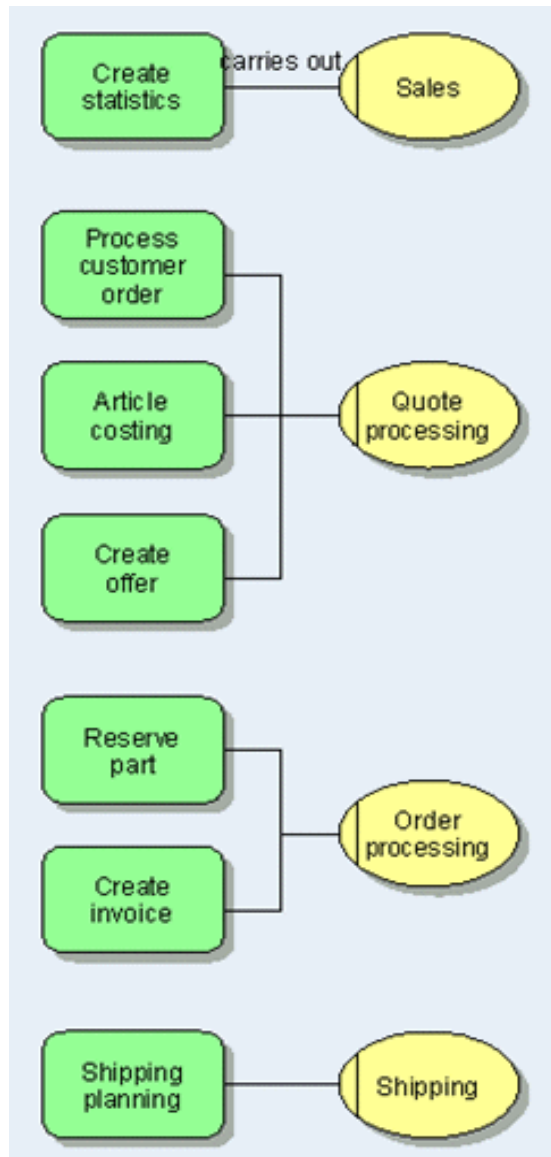
First, the relationships between two views are examined, then diagrams are introduced, illustrating the relationships between all three views.

4.4.1.1 Combining Functions with Organization EPC, Function/Organizational Level Diagram

The link between the function view and the organization view is used to assign the functions defined in the function tree to the task performers (organizational units) in the organizational chart. This assignment defines an organizational unit's responsibility and decision-making power pertaining to its allocated functions. Looking at this organizational allocation along a process chain (business processes) the degree of functional integration is defined, i.e., the functional steps within a business process that are to be processed by an organizational unit.

shows an example of the allocation of organizational units to functions. In this figure, the function placed on the left is assigned the organizational unit responsible for its execution. The functions' superordinate or superior positions in the hierarchy are illustrated in the function view (function tree), and the relationships between the organizational units are shown in the organization view (organizational chart). Therefore, there is no need to define them at this point.

Figure 4–77 Allocation of Organizational Elements to Functions



4.4.1.2 Combining Functions with Data

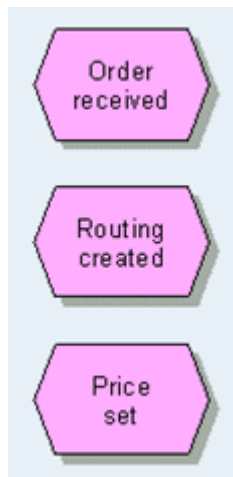
4.4.1.2.1 Event Control - Event-Driven Process Chain (EPC) The procedural sequence of functions in the sense of business processes is represented in process chains. Start and end events can be specified for each function. Not only do events trigger functions, but they also represent results of functions.

Definition: An event is the fact that an information object has taken on a business-relevant state which is controlling or influencing the further procedure of the business process. Events trigger functions and are the results of functions. Unlike a function, which is a time-consuming occurrence, an event is related to one point in time.

The change in state of an information object may refer to the first occurrence of this information object (e.g., **Customer order received**) or to a change in state in the sense of a change in status that is recorded in an attribute occurrence (e.g., **Offer is refused**). Since information objects and attributes are described in the Oracle BPA Suite data view, the event-driven representation of process chains is a link between the data view and the function view. Therefore, the event-driven representation of process chains is assigned to the Oracle BPA Suite control view.

Events are graphically represented as hexagons. The description should not only contain the information object itself (**Order**), but also its state change (**received**). illustrates events.

Figure 4–78 Events (Graphical Representation)



Definition: Events trigger functions and are the results of functions. By arranging this event-to-function change in a sequence, so-called event-driven process chains (EPCs) are created. An event-driven process chain (EPC) shows the chronological-logical procedure of a business process.

An example of an EPC is shown in . Since events determine which state or condition will trigger a function and which state will define the end of a function, the starting and end nodes of such an EPC are always events. Several functions can originate simultaneously from one event and a function can have several events as its result. A link in the form of a circle is used to represent these branches and processing loops in the EPC (see). However, these connections do not only serve as graphic operators, but define the logical links between the objects they connect.

Figure 4-79 Example of an EPC

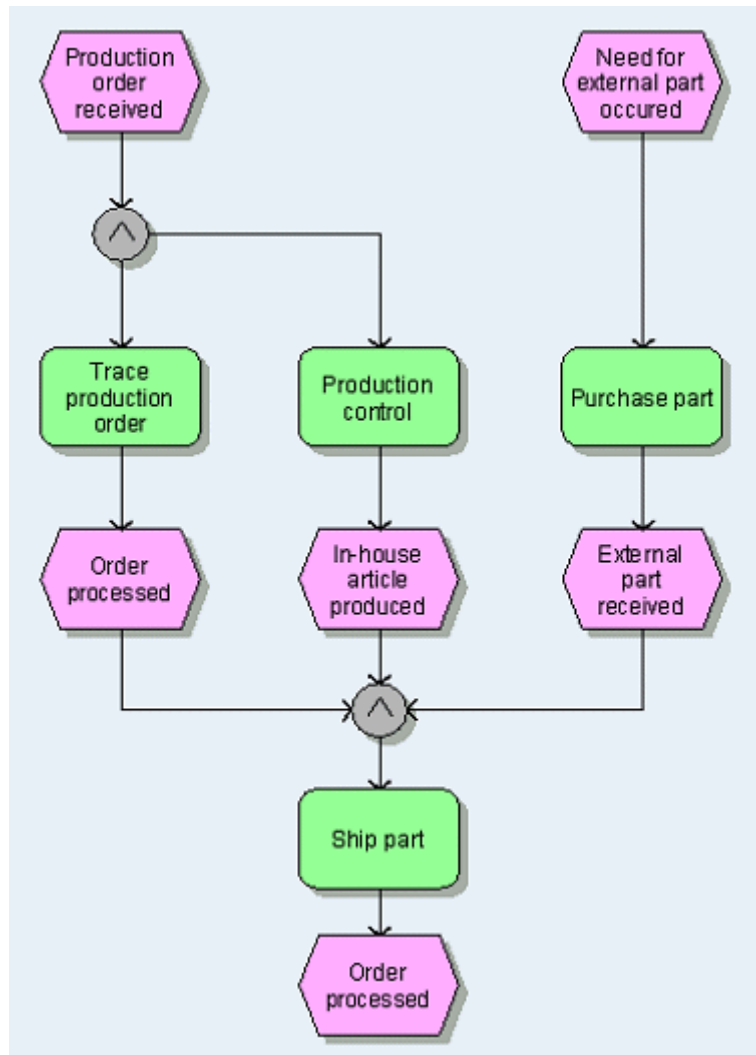
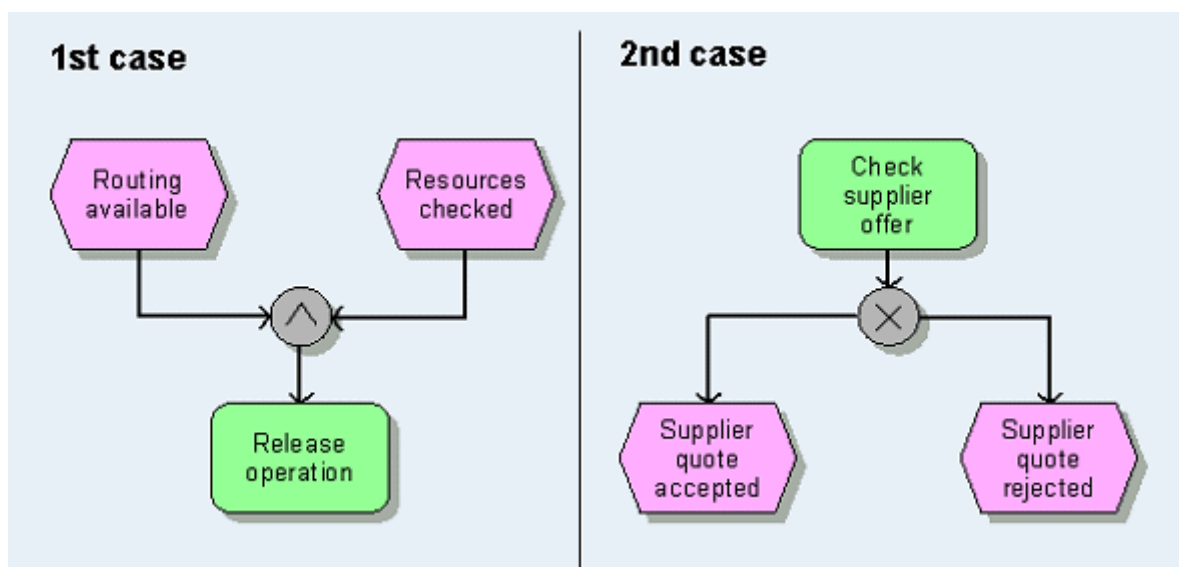


Figure 4-80 Examples of Rules



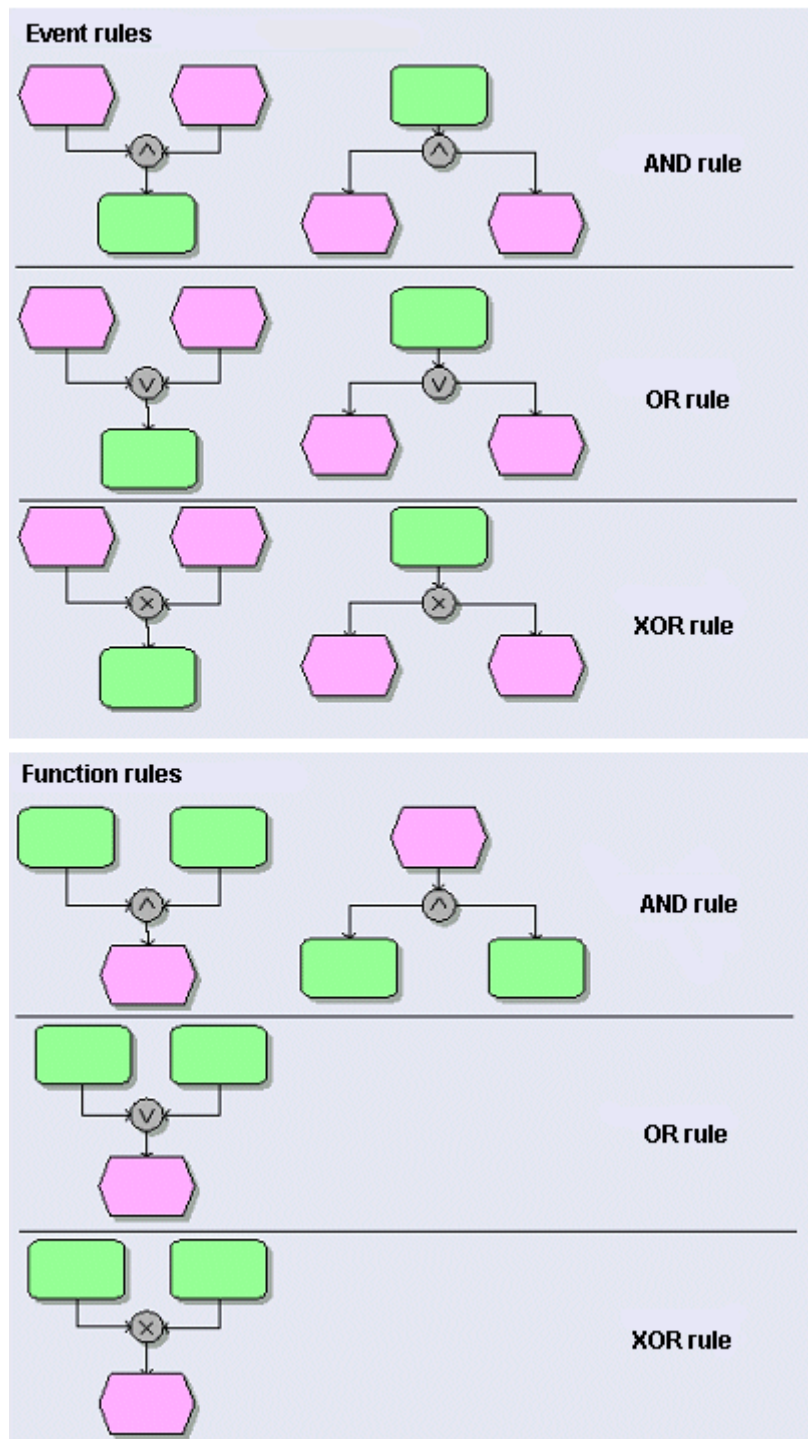
In the first example of the starting events are linked by an AND operator. This means that the **Release operation** procedure is only started if a routing is available and the necessary resources have been verified. Therefore, both events must have occurred before the procedure can begin. The second example shows an exclusive OR operator (exclusive or) using an XOR rule. The **Check supplier offer** function may either result in acceptance or rejection of the quote. Both results, however, cannot occur at the same time. Besides these two cases and the "Inclusive OR" operator, more complex relationships are conceivable. In this case, a general rule can be represented in an EPC, which will be described later in more detail in the form of a rule diagram.

Therefore, we can distinguish between two different types of operators:

Event operators and

Function operators.

An overview of all possible event and function operators is listed in (see **Hoffmann, Kirsch, Scheer**, "Modellierung mit Ereignisgesteuerten Prozessketten" [Modeling with event-driven process chains] 1993, p. 13).

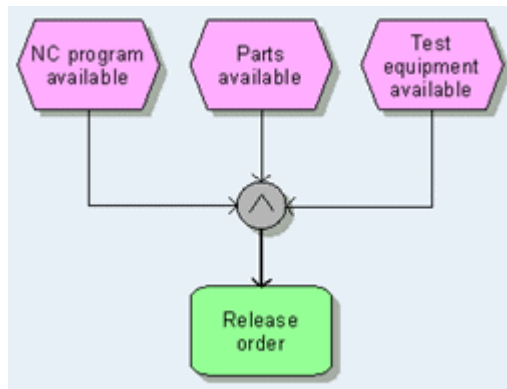
Figure 4-81 Logic Operators (Rules)

In this context, special attention must be paid to the restrictions which exist for function operators. Due to the fact that events cannot make decisions (only functions can do this) a triggering event must not be linked using an OR or XOR operator!

Below, possible operators are explained using examples.

1. Linking of triggering events:

a. AND operator

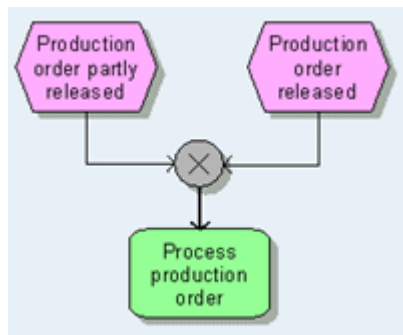
Figure 4–82 AND Operator for Triggering Events

The function can be started only after all events have occurred.

b. OR operator

The function is carried out after at least one of the events has occurred.

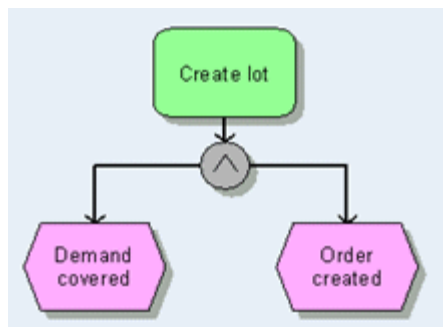
c. XOR operator (exclusive OR operator)

Figure 4–83 XOR Operator for Triggering Events

The function is started after exactly one (and only one) event has occurred.

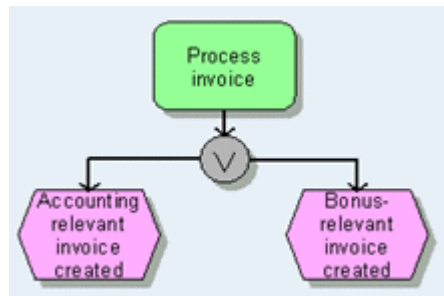
2. Linking of created events

a. AND operator

Figure 4–84 AND Operator for Created Events

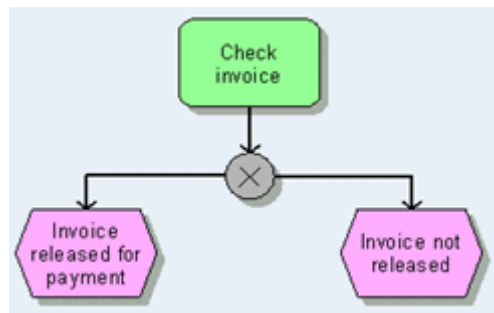
The function results in all events occurring.

b. OR operator

Figure 4–85 OR Operator for Created Events

Executing the function results in at least one of the events occurring.

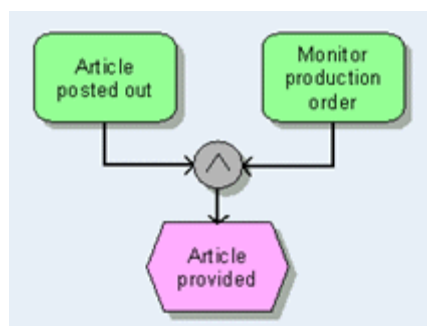
c. XOR operator (Either/Or operator)

Figure 4–86 XOR Operator for Created Events

Executing the function results in one event at the most occurring.

3. Linking of functions with created events

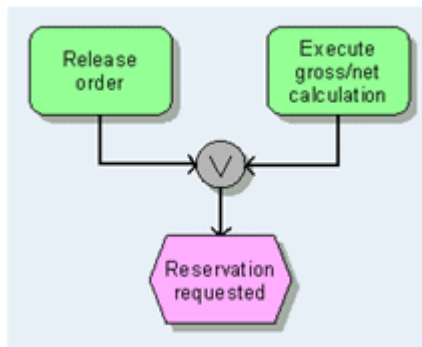
a. AND operator

Figure 4–87 AND Operator of Functions with Created Events

The event occurs only after all functions have been carried out.

b. OR operator

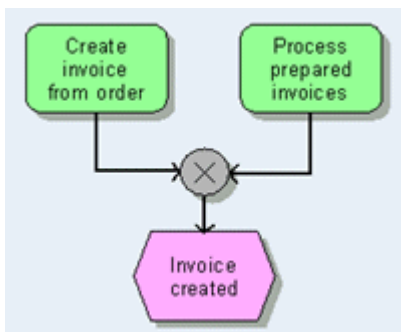
Figure 4–88 OR Operator of Functions with Created Events



The event occurs after at least one of the functions has been carried out.

c. XOR operator (Either/Or rule)

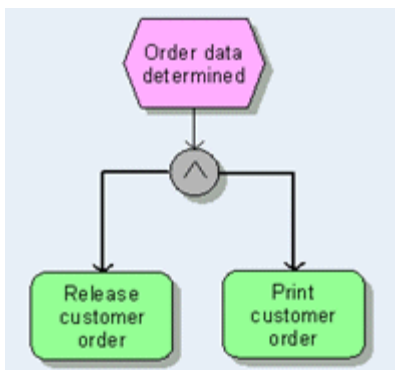
Figure 4–89 XOR Operator of Functions with Created Events



The event occurs when exactly one of the functions has been carried out.

a. AND operator

Figure 4–90 AND Operator of Functions with Triggering Events



The event triggers all functions.

b. OR operator

Events cannot make decisions! This operator is impossible!

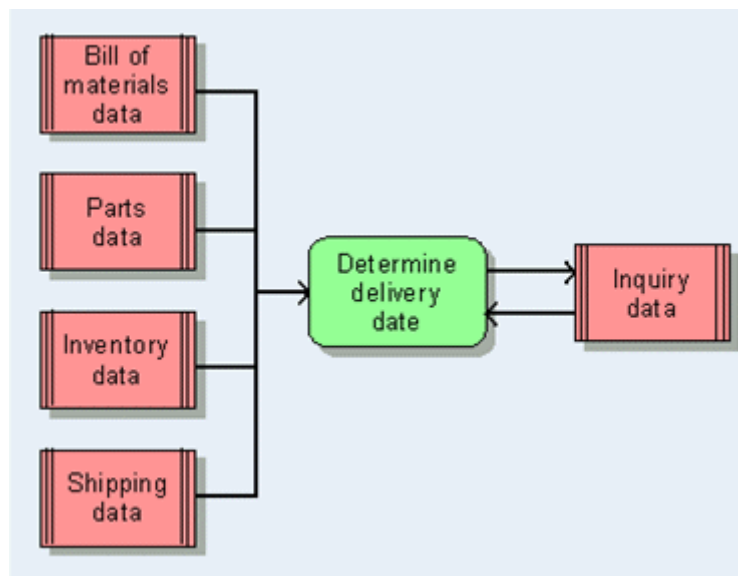
c. XOR operator

Events cannot make decisions! This operator is impossible!

Besides being illustrated in the form of event-driven process chains, these branches can also be represented in table form in the event and function columns (see chapter3) of a process chain diagram (see chapter3). Since the functions are sorted sequentially in a process chain diagram the branches and processing loops can be represented only in a rather confusing manner.

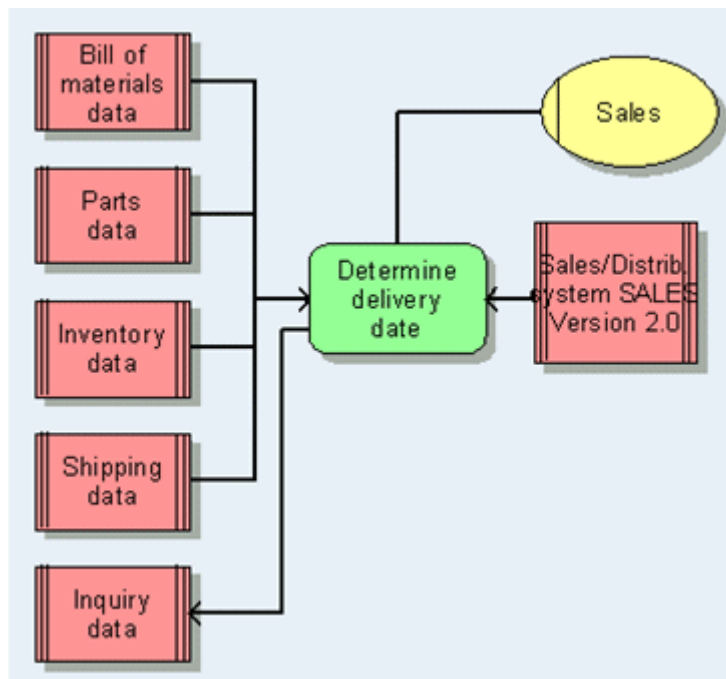
4.4.1.2.2 Function Allocation Diagram (I/O) In addition to the representation of event control explained in chapter 4.4.1.2.1, the transformation of input data to output data and the representation of the data flows between functions represent a link between the data view and the function view in the ARIS concept. The transformation of input data into output data can be illustrated in so-called function allocation diagrams (I/O) which basically correspond to pure input/output diagrams used in other methods. illustrates an example of a function allocation diagram (I/O). The input data of the **Determine delivery date** function are **Parts data**, **Inventory data**, **Bill of materials data** and **Shipping data**. **Inquiry data** serves as both input data and output data. Therefore, the elements of a function allocation diagram (I/O) are functions of the function view and information objects of the data view. The arrows determine whether an information object is used only as input data, output data, or as input/output data. More detailed specifications are possible, indicating, for example, that the function has created or deleted an information object. Depending on the degree of detail, the information objects can either be data clusters (see), entity or relationship types, or attributes of the data view.

Figure 4–91 Example of a Function Allocation Diagram (I/O)

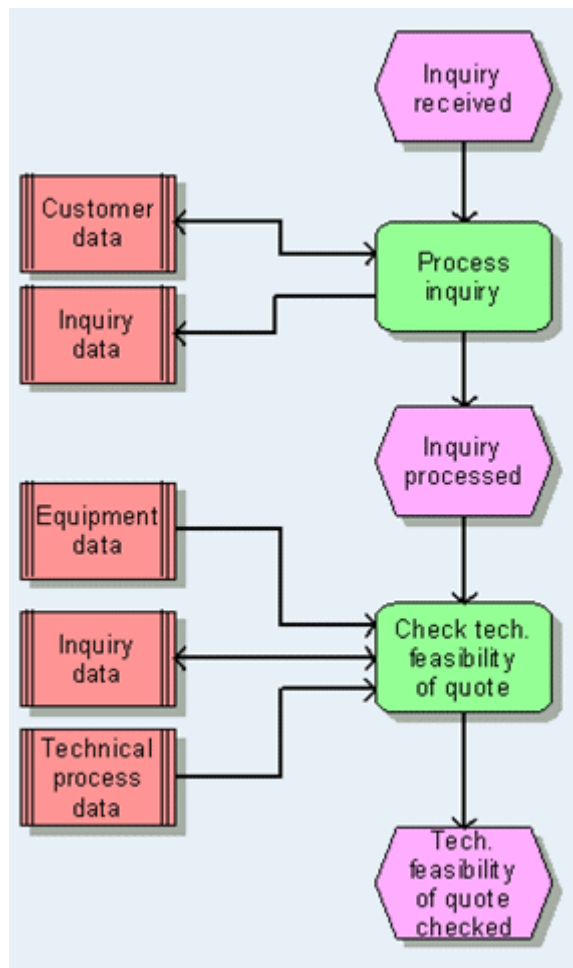


The example shown above highlights the actual objective of function allocation diagrams (I/O) which is to represent a function's input/output data.

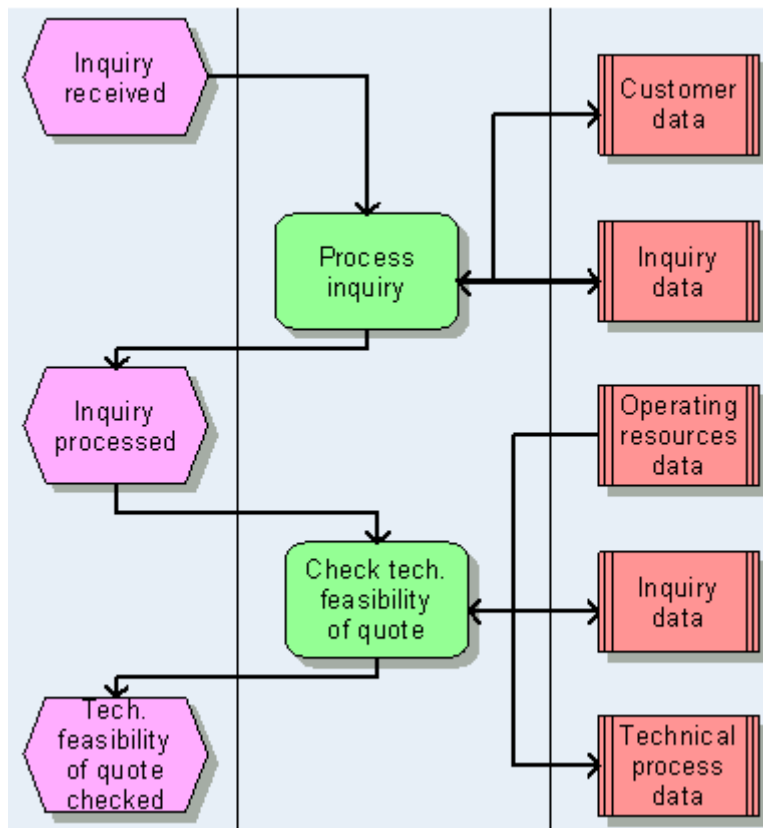
Besides including a function's input/output data and events, all other objects which can be allocated to individual functions in an EPC are available. Thus, the user is able to restrict the modeling of process chains in EPC diagrams to events and functions, and to assign each function a function allocation diagram (I/O) with all additional relationships for the function. This allows for much clearer business processes representations and also explains the use of a new name for this model type. illustrates an example of this more detailed representation in a function allocation diagram.

Figure 4–92 Detailed Representation of the Function Allocation Diagram

Besides this method of representing data transformation in the form of function allocation diagrams (I/O), it is also possible to include this information in an EPC. This is illustrated in . In this case, the links between functions and information objects play the same role as in function allocation diagrams (I/O). However, including them in a process chain having numerous branches may result in a very complex representation.

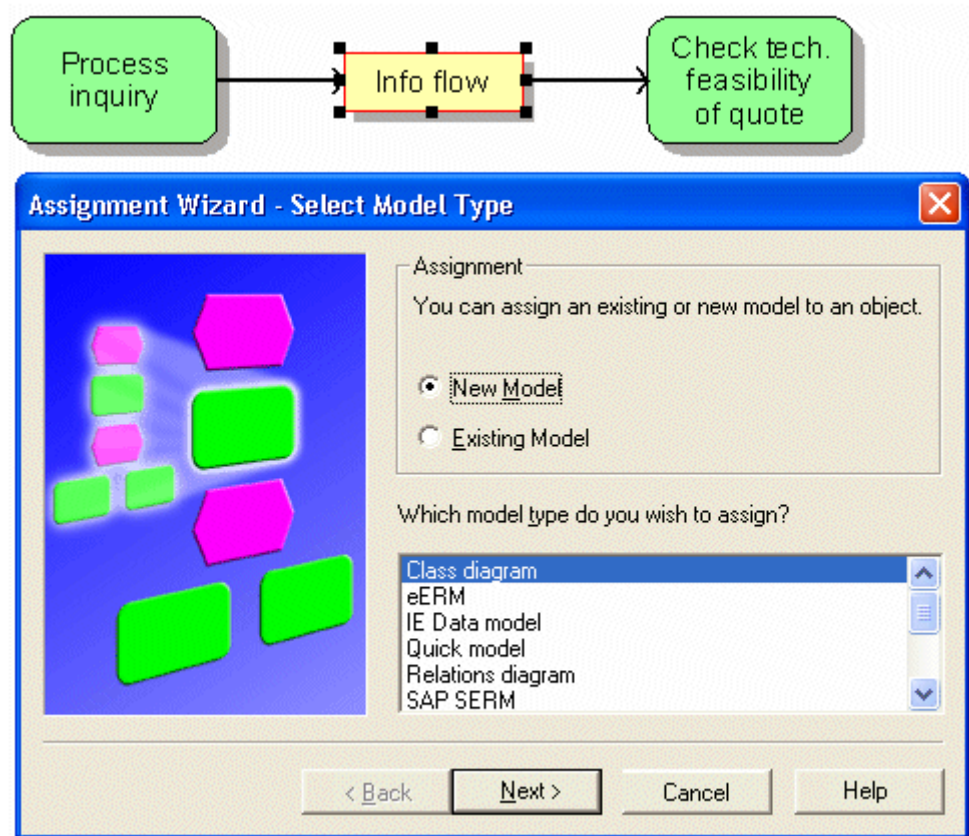
Figure 4–93 EPC with Input/Output Data

In the PCD (process chain diagram), objects have to be arranged according to the column description. The EPC representation permits free object arrangement. However, adding input/output data may result in complex models. Therefore, we recommend a PCD representation for business processes executed in sequence, in particular. The following figure shows the EPC with input/output data of as a PCD (see also chapter).

Figure 4–94 EPC with Input/Output Data

4.4.1.2.3 Information Flow Diagrams Information flow diagrams are suitable for illustrating the flow of data between functions. For this purpose, two functions can be interlinked by a data flow object in an information flow diagram. This object shows that a data flow exists from the source function to the target function. In order to specify in detail the data objects flowing between the displayed functions, a data flow object can be set in a hierarchy which, in turn, allows the assignment of a data model to that object. This data model represents the information objects that are exchanged between the functions. Depending on the degree of detail of the functions examined, the information objects can be data clusters, entity types, or ERM attributes. An example of this type of representation is shown in .

Figure 4-95 Information Flow Diagram with Open Assignment Wizard

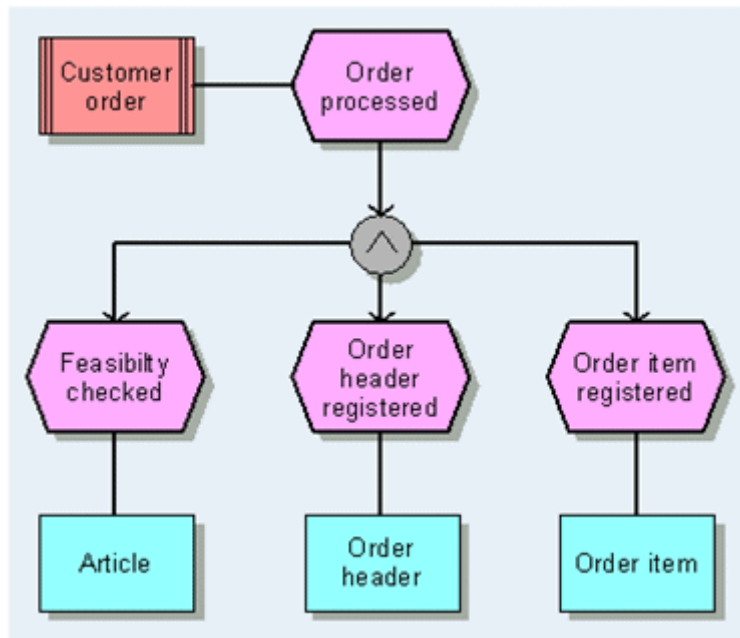


4.4.1.2.4 Event Diagram Events define the fact that the state of information objects has changed. Every event is a reference to particular information objects of the data model and defines the state of this information object at a given point in time.

First of all, events are roughly specified in a top-down procedure (example: **Customer order has been processed**). The next step of process modeling involves a more detailed specification of events. If they are combined in a certain way, an event occurs at a rough level. For example, the occurrence of all of these events (**Feasibility checked**, **Order header registered** and **Order item registered**) can define the **Customer order** status.

You can display the event correlations on the rough and detailed modeling levels using the event diagram. For this purpose, you can assign an event diagram to an event at the rough level (hierarchy!), which would, in turn, display the events and the operators between them at the detailed level (by means of rule operators). Moreover, you can include information objects of the data model in this model type and link them to the events. Thus, you specify the event which defines the state change of a given information object.

illustrates an example.

Figure 4–96 Example of an Event Diagram

4.4.1.3 Functions - Organization - Data

4.4.1.3.1 EPC/PCD The same facts are represented in EPCs and in PCDs

Up to this point, we have been dealing with just two views; now a third view is introduced. The process chain's partial views are again combined to form an overall view and the interactions of all components of the ARIS architecture can be examined. The process chain we originally started out with is again shown in detail. However, this examination does not focus on the details extracted in the individual views for the objects examined, but on the operators between these objects.

shows a process chain with all its views. Events representing data view objects have been placed in the first column. The arrows lead to the process column where the process chain's functions are listed. Thus, the first and second columns define the event control. The data objects are located in the third column, displaying their relations to the individual functions. The view of the second and third column of the PCD defines the data flow of the process chain. Unlike the PCD introduced in chapter 3.2, the process chain diagram of the requirements definition has no columns for the definition of the processing type and the IT system. These facts are needed to capture the actual situation in a company, but they are not part of the subject-related description of a business process. The organizational units of the organization view which are responsible for executing the individual functions of the process chain are defined in the fourth column.

The process chain illustrated in can also be expressed as an EPC (compare).

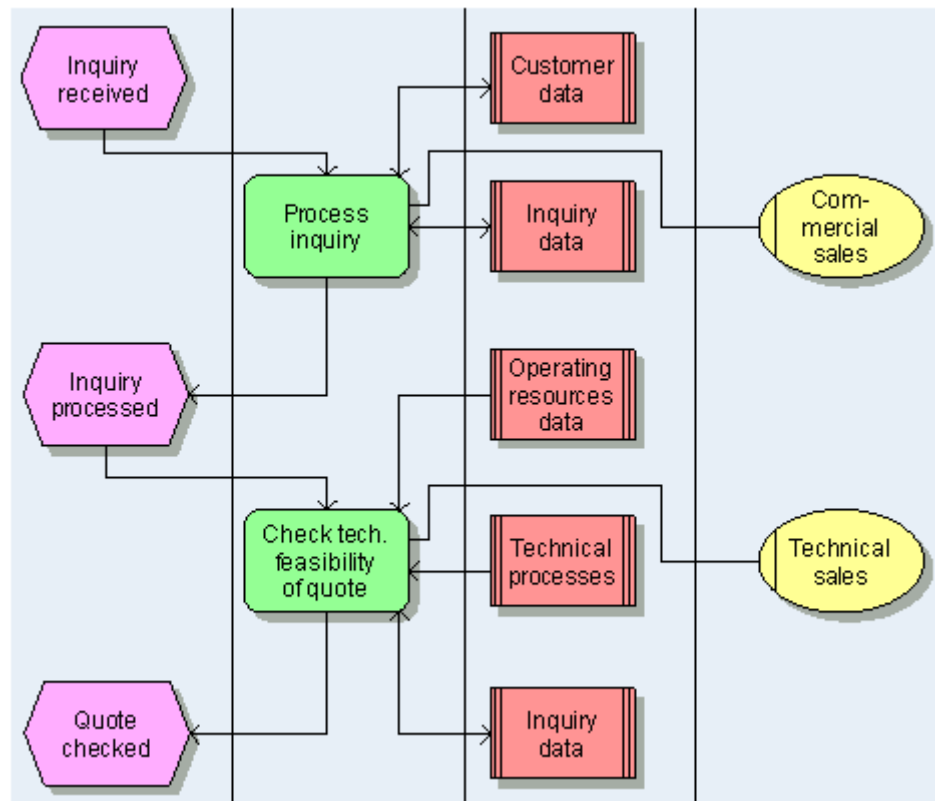
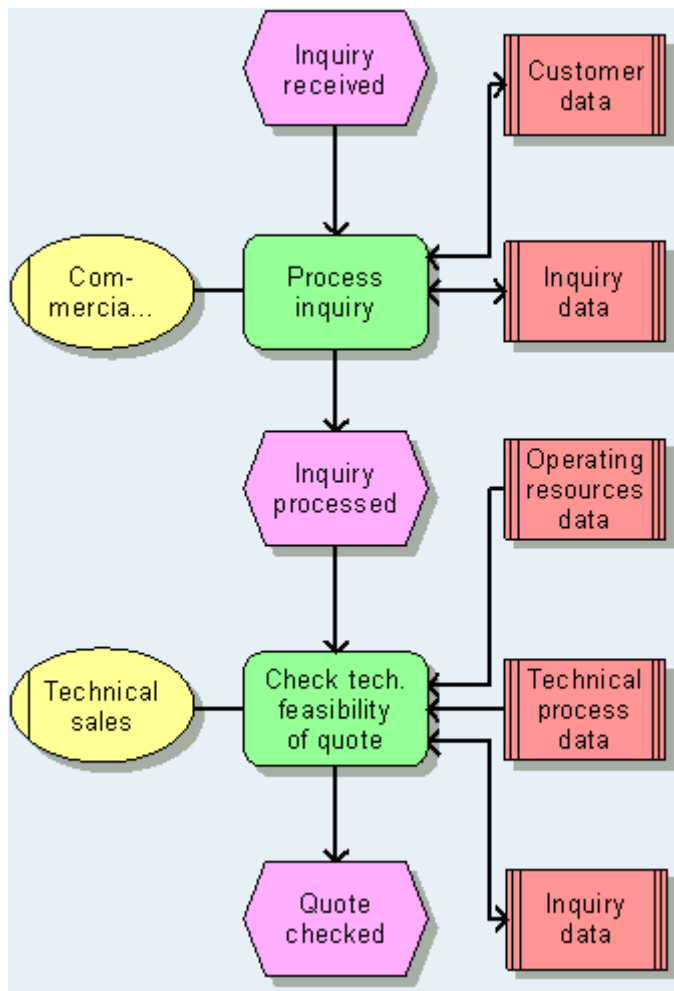
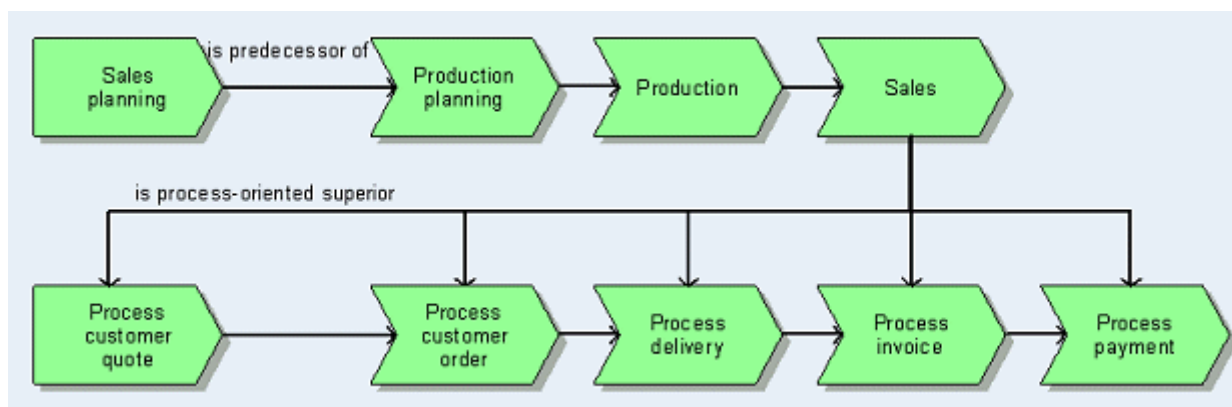
Figure 4-97 Example of a Process Chain (Requirements Definition)

Figure 4–98 EPC with Functions, Data, Organizational Units, and Events

4.4.1.3.2 Value-added Chain Diagram Above all, the value-added chain diagram is used to identify the functions within a company which are directly involved in the creation of a company's added value. These functions can be interlinked by creating a function sequence and thus form a value-added chain. An example of a value-added chain is shown in .

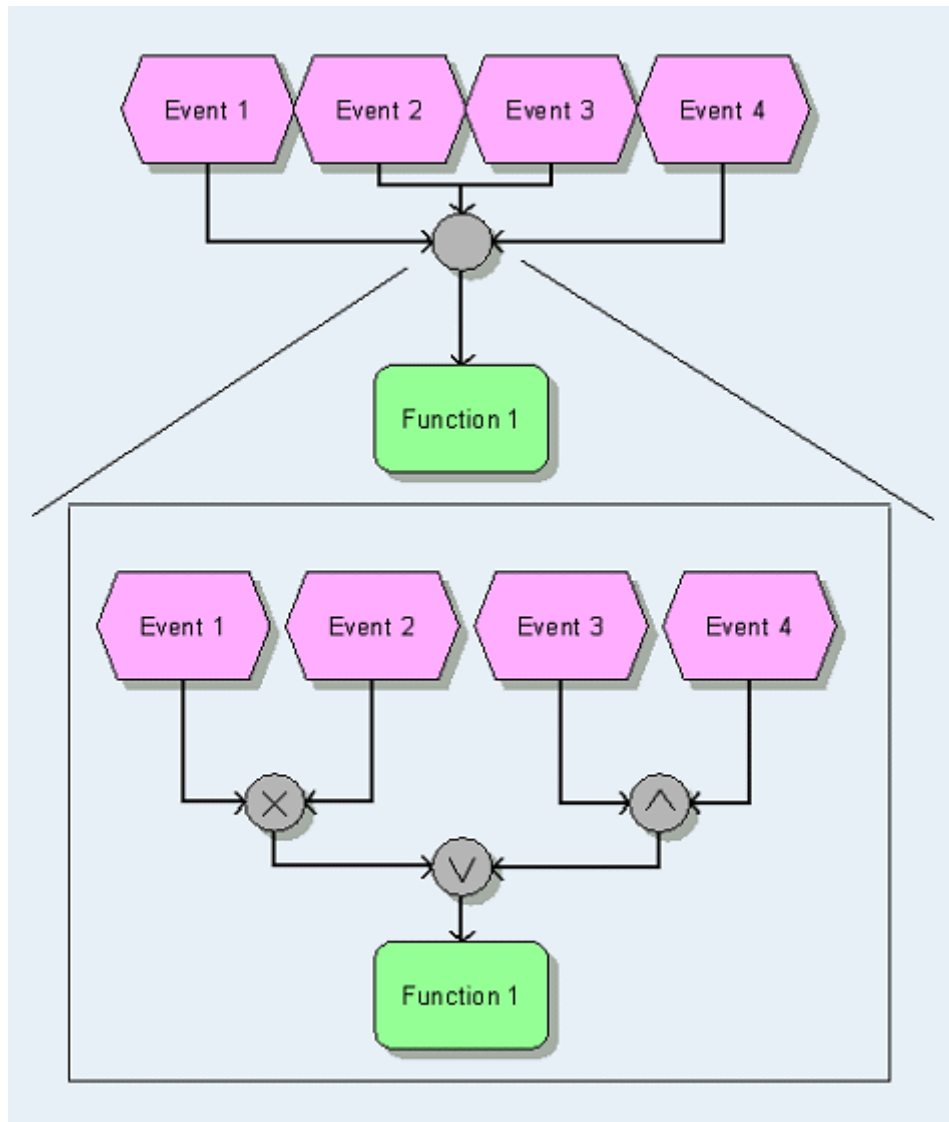
Figure 4–99 Value-Added Chain

In a value-added chain diagram, functions can be arranged in a hierarchy, similar to a function tree. This representation always includes the process-oriented superordinations and subordinations.

A value-added chain diagram not only enables you to express a superordination or subordination of functions, it also displays the functions' links to organizational units and information objects. When allocating organizational units to functions we differentiate (as with process chains) between a function's subject-related responsibility, its IT responsibility, and the actual execution of a function.

The chapter on **ARIS Method Items** contains a list of the additional relationships available in the value-added chain diagram.

4.4.1.3.3 Rule Diagram In process chains, you can use rules as operators to specify event and function operators. Frequently, these rule representations for displaying the logical operators are very complex - this is especially the case when rules are linked to each other. To avoid process chains becoming too complex due to representations of this kind, you can use the general rule operator in the EPC or PCD. You may link this general rule operator to a rule diagram (hierarchy!) which, in turn, illustrates all details of the complex rule.

Figure 4–100 Illustration of Complex Operators in the Rule Diagram

4.4.1.3.4 Communications Diagram Large reference models contain a large number of process models. The inclusion of the elements of the organization view in these process models illustrates who communicates with whom during the process. The communications diagram enables you to group all processes according to the communication between organizational units.

Therefore, the communications diagram displays all organizational units which communicate with each other. For example, the **Sales** organizational unit is linked to the **Customer** organizational unit via an object of the **Communication** type. Objects of the **Communication** type can be specified in a hierarchy. They can be linked to the **Process selection matrix** model type. This process selection matrix displays all processes in which the sales department communicates with the customer.

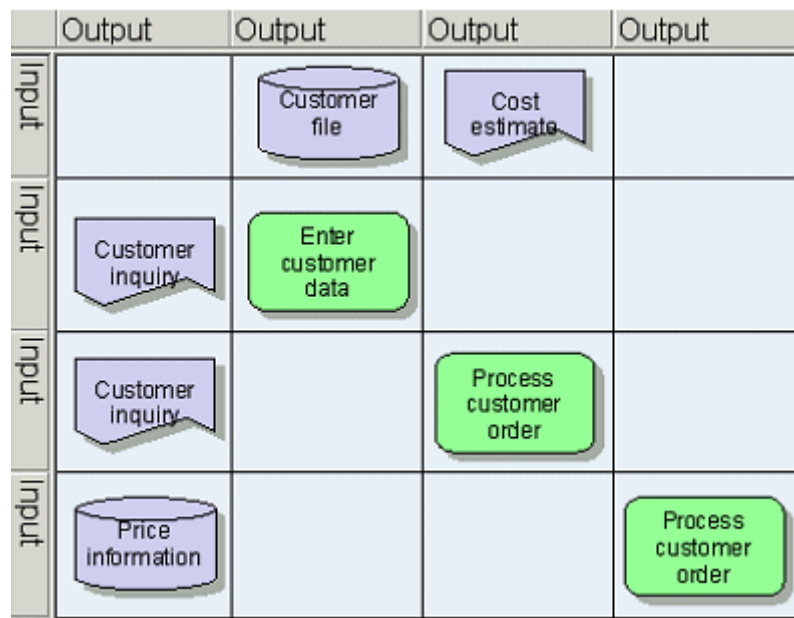
4.4.1.3.5 Classification Diagram The classification diagram provides the opportunity to classify functions by allocating functions to object type classes. Classifications can be made according to different classification criteria. To specify the classification criteria, you can link the **Object type class** object type with the **Classification criterion** object type.

4.4.1.3.6 Input/Output Diagram The input/output diagram provides an overview of incoming and outgoing data and information carriers. In this model, only one symbol may be placed in each diagram grid, i.e., in a field separated by lines from other fields. The top row contains data or information carriers created by a particular function or information carrier (output). Similarly, the left column models incoming data or information carrier symbols of a particular function (input). If the function requires several input and/or output symbols, these will be created by occurrence copies.

The invisible (implicit) **provides input for** and **creates output to** relationships are created automatically during the creation of functions and data or information carrier symbols in the input/output diagram.

Below is a simple example of an input/output diagram.

Figure 4–101 Input/Output Diagram



4.4.1.4 Object-Oriented Modeling

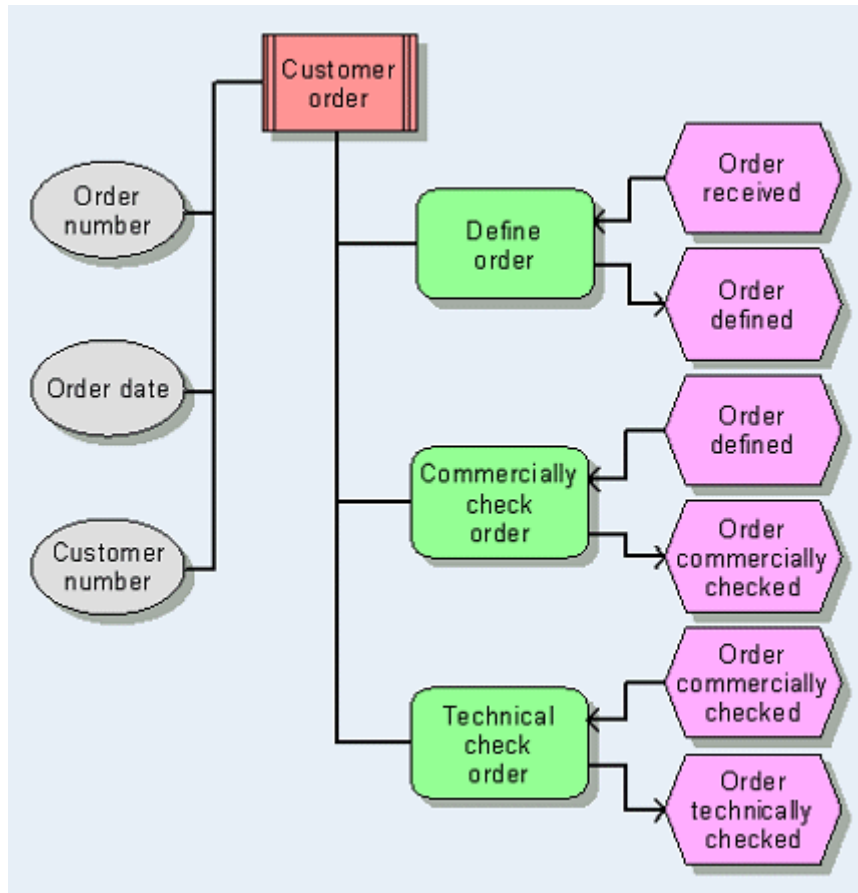
4.4.1.4.1 Class Diagram The object-oriented extended ARIS concept enables you to assign the role of classes to information objects (clusters, entity types, relationship types). This means that all information objects that can be defined in **ARIS** within the data view can be given class character by assigning class functions (class methods) and descriptive attributes (data contents) to them. This allocation is performed in so-called **class diagrams**. When allocating a class diagram to an information object, you assign this information object the role of a class.

A class diagram is uniquely allocated to an information object and contains the following items (symbols of object types in the ARIS architecture):

- the information object described as a class,
- a list of attributes allocated to the class,
- a list of events occurring due to a particular class status,
- a list of functions from the function view which are allocated to the class and triggering events or events triggered by them.

illustrates an example of the **Customer order** class definition.

Figure 4–102 Class Diagram for the Customer Order Class



4.4.1.5 Process Variants

4.4.1.5.1 Process Selection Matrix The process selection matrix displays different process scenarios by allocating main processes to individual scenarios.

The user can determine which functions of the scenario processes are to occur in the company. For this purpose, all main functions (scenario functions) of an application system or of an industry reference model need to be included as processes.

The following symbol types are available for modeling a process selection matrix:

- Scenario
- Process
- Main process

Definition: A scenario represents a scenario process in the selection matrix which arranges different main processes in groups.

Definition: The process represents functions of the scenario process which are described in more detail in the reference model by process models.

Definition: The main process represents the main functions in the function trees to which the processes (functions from the scenario processes) are allocated.

4.4.1.6 Material Flow Modeling

You can use process models (EPC and PCD) to illustrate not only the information flow, but also the material transformation. To represent the material flow within business processes, **Oracle BPA Suite** provides you with a separate model type - an EPC (material flow) - which is an extension of the **EPC** model type.

4.4.1.6.1 EPC (material flow) In addition to the EPC object types, the following object types are also available in the EPC (material flow):

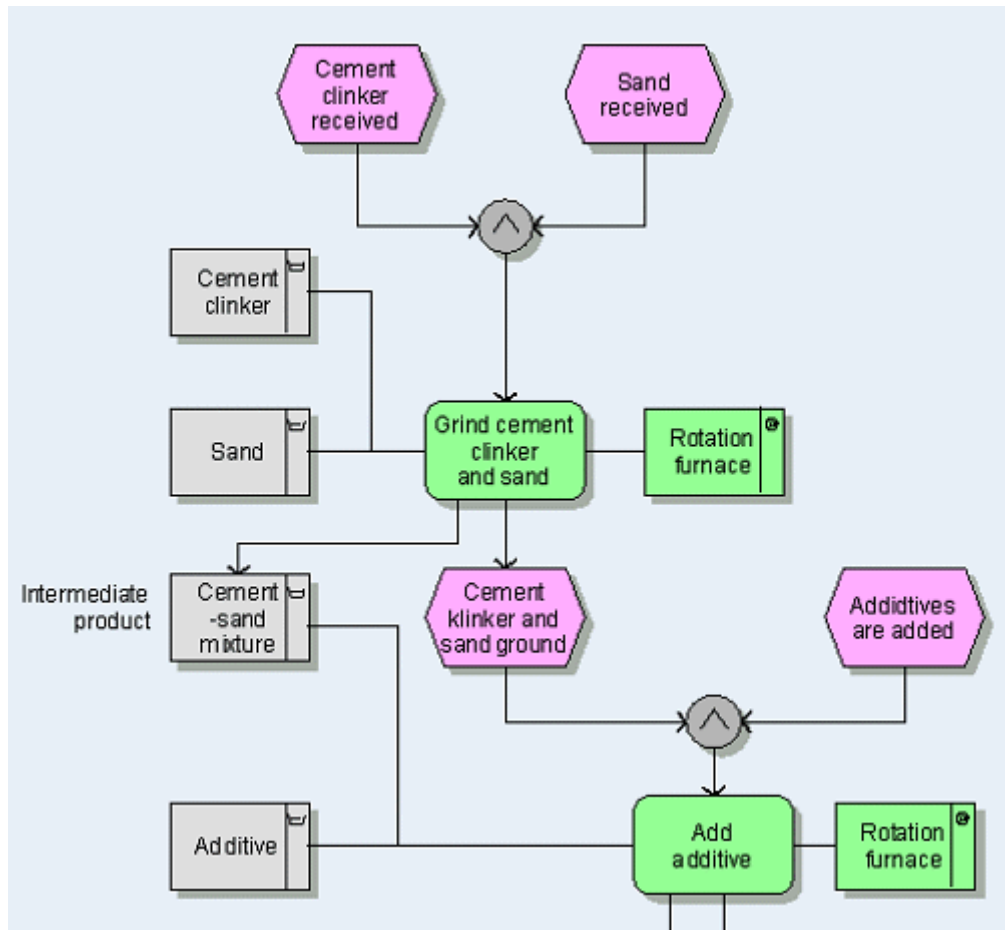
- Material type
- Packaging material type
- Operating resource type
- Operating resources
- Technical operating supply type
- Technical operating supply
- Warehouse equipment type
- Warehouse equipment
- Transport system type
- Transport system

The **Material type** object type may be linked to the **Function** object type by means of an incoming or outgoing connection. For an incoming connection, the materials required by a function as input are defined. In this context, you can select the corresponding connection type and thus define whether the function consumes none, part of, or all of the material. An outgoing connection specifies the material types created by the function.

Technical resources are required for material transformation. In process chains, you can also link them to the **Function** object type. To specify possible available alternative resources, the **requires alternatively** connection type is offered in addition to the **requires** connection type.

If materials are to be packaged within a function, packaging material types are needed. In order to specify the corresponding packaging material types, you can model a relationship between the function and the necessary packaging material types.

shows an EPC (material flow) and the corresponding technical resource types and packaging material types.

Figure 4–103 Extract from an EPC (Material Flow)

4.4.1.6.2 Material Flow Diagram You can use material flow diagrams to illustrate material flows between functions. They are treated almost the same way as information flow diagrams during the modeling process. In a material flow diagram, you link two functions by means of a material flow connection. This connection shows that a material flow exists from the source function to the target function. If you want to specify the material flowing between the displayed functions in more detail, you may assign a material diagram to this connection by establishing a hierarchy for this material flow connection. This material diagram illustrates the material or material types exchanged between the functions.

4.4.1.6.3 EPC (Column/Row Display) The following description also applies to the EPC (row display).

Most of the explanations on the EPC apply to the **EPC - Column display** model type, as well, except that all symbols in this model are distributed over various columns. The advantage is that this representation makes the EPC much easier to interpret. Organizational and application system items are placed in the diagram header. All other symbols are placed in the second row of each column.

A particular characteristic of all Swimlane models (i.e., models that are modeled in columns and/or rows) is the automatic creation of invisible (implicit) relationships. For example, when you model application systems and functions, the **supports** implicit relationship is automatically created in the default columns of the EPC (column display). The **carries out** relationship is created implicitly between

organizational elements and functions. The user may also add the following additional columns named in line with the implicit relationships:

contributes to

decides on

is IT responsible for

is technically responsible for

must be informed on cancellation

must inform about result of

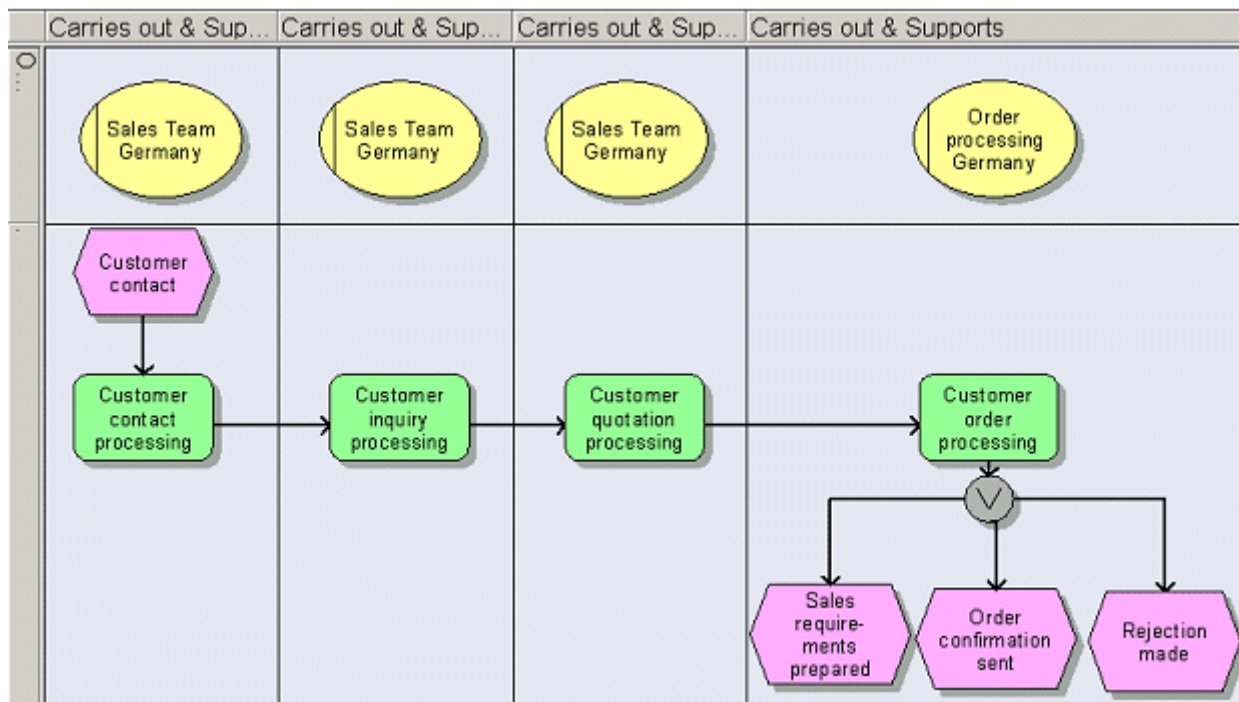
must be informed about

accepts

has consulting role in

The following figure shows an example of an EPC (column display).

Figure 4–104 EPC (column display)



One difference between the EPC (column display) and the EPC (row display) is the different modeling direction. Modeling occurs from top to bottom in the EPC (column display) and from left to right in the EPC (row display).

4.4.1.7 Role Assignment Diagram (RAD)

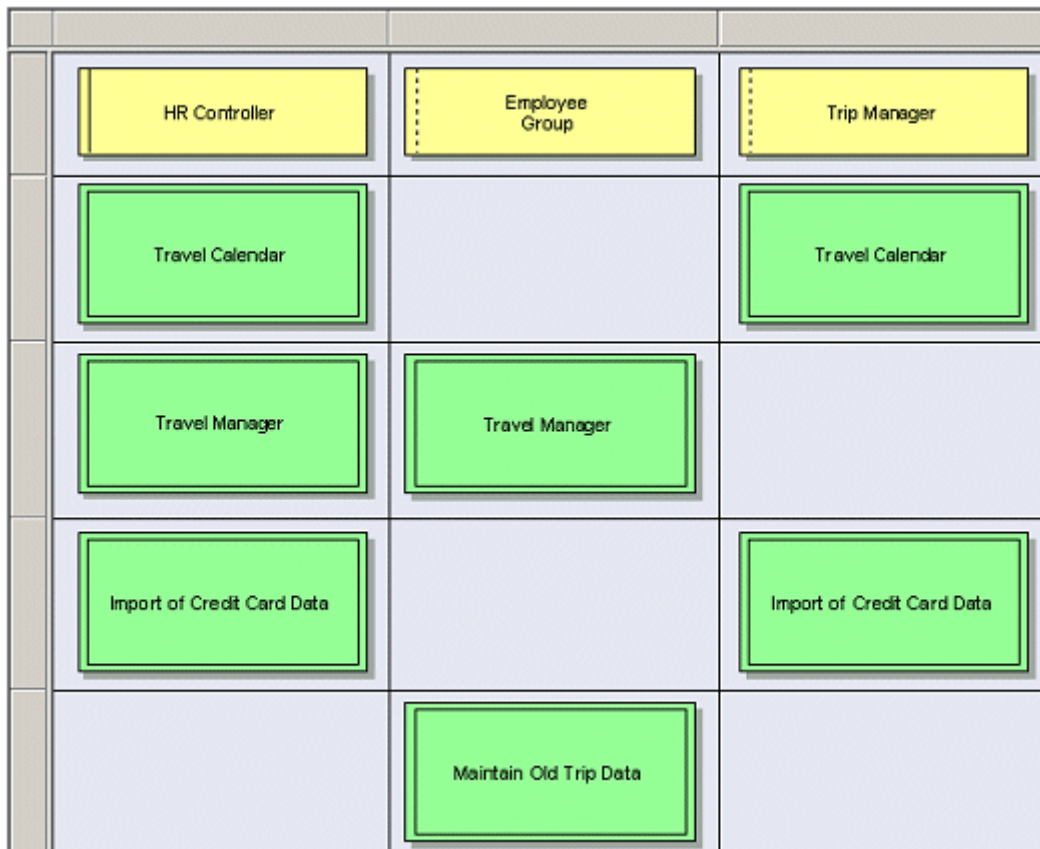
This model is illustrated using EPCs. They illustrate the business processes at different levels of detail. In the EPCs with the highest level of detail and representing **processes**, the procedures when processing transactions are modeled in a computer-aided system. These processes can be assigned both roles and transactions.

In **Oracle BPA Suite**, this is carried out in the function allocation diagram, where the EPC containing the modeled process must be assigned to the corresponding function

definition. Therefore, a function allocation diagram expresses which roles are necessary to carry out the transactions. However, since there are no direct relationships between roles and transactions, it is impossible with several occurring roles to decide which transactions they are responsible for. For this reason, the assignment of roles to transactions takes place in the role assignment diagram (RAD). One role is displayed per column. Transactions are placed in columns, which creates implicit relationships.

The information can be used during the introduction of a computer-aided system to create the user profiles and authorization concepts to operate the system.

Figure 4–105 Role Assignment Diagram (RAD - Role Assignment Diagram)



4.4.1.8 Other Models

4.4.1.8.1 Business Controls Diagram A business controls diagram displays potential risks for a process or function, as well as risk control methods.

Definition: A risk means the potential danger of a process not reaching the desired process target.

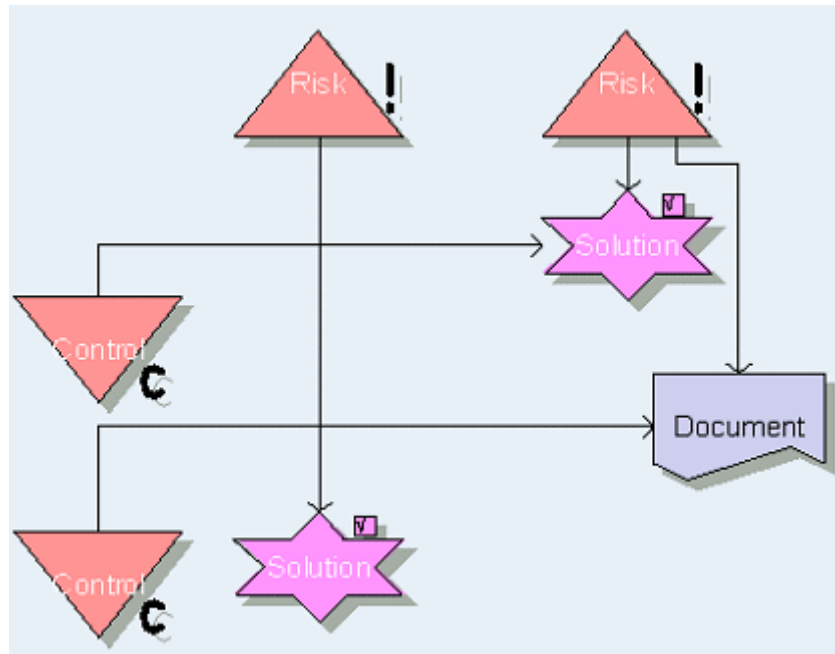
Definition: Risk control is a general way of eliminating or minimizing risks.

Definition: A risk solution means implementing a risk control in relation to a risk.

The Business Controls Diagram layout corresponds to a matrix or table. The abscissa shows the potential process risks, and the ordinate shows the possible risk control methods. Risk solutions are inserted as operators between a risk and a risk control. Furthermore, organizational units (in the sense of user requirements) and documents,

which also support implementation of a risk control regarding a risk, may be added to the model.

Figure 4–106 Example of a Business Controls Diagram



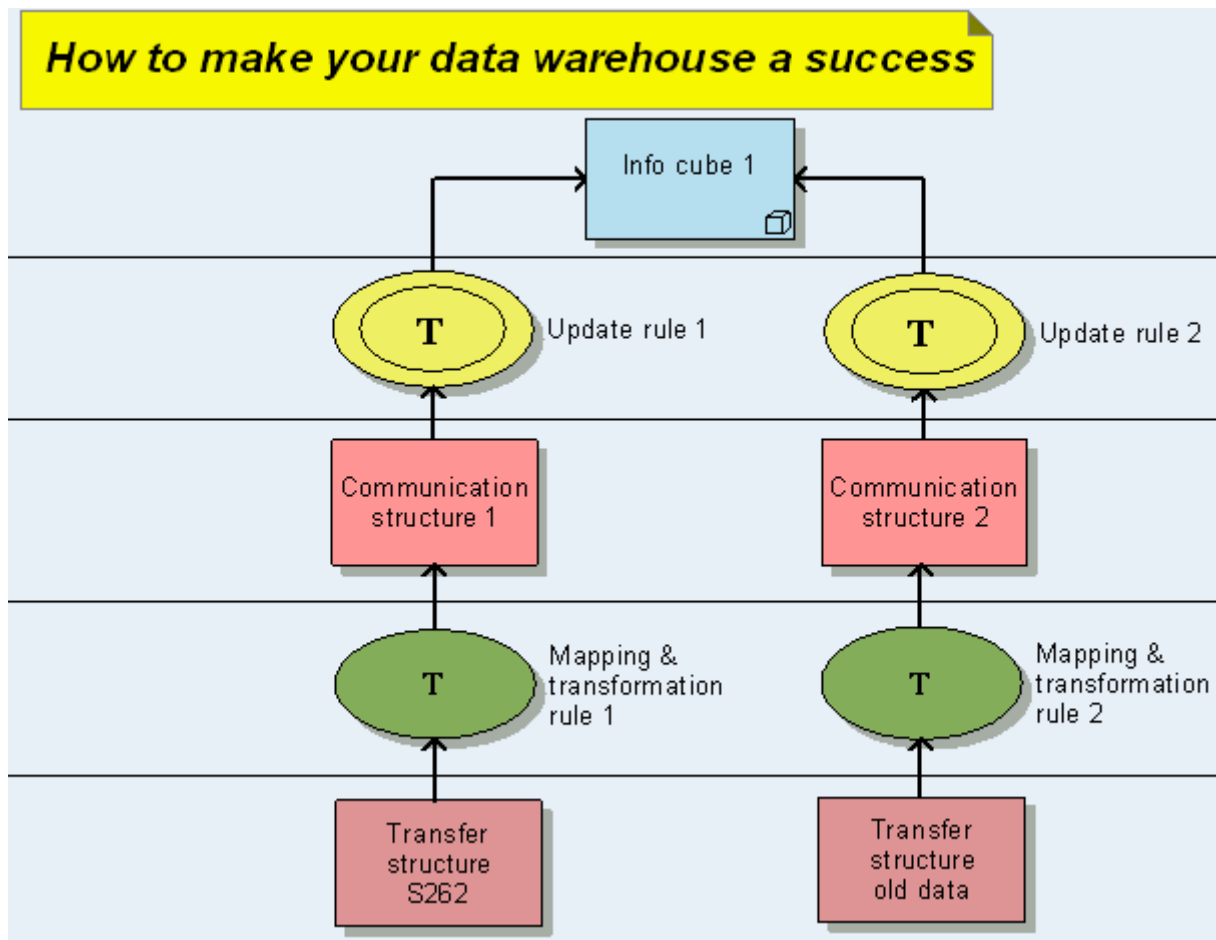
4.4.1.8.2 Data Warehouse Transformation The Data Warehouse data transformation diagram is used to describe a Data Warehouse. The focus is on the description of the dynamic aspects described in the ARIS architecture in process view.

In the model, the transfer of general data of the information objects into data formats of the info cube is depicted. To ensure that you can proceed efficiently and without loss of data in the transformation, a method specification is required for modeling. The methodology contains transformation rules and procedures, which are graphically portrayed in the model.

The transfer occurs in two steps. First, the transfer structure items are changed into communication structure items. Then they are transferred to the info cube.

You have the option of running this procedure on different levels. On the one hand, you can show at a very high (requirements definition) abstraction level which transfer and communication structures exist to fill the info cube. On the other hand, you can illustrate at a very low (implementation-oriented) level how the individual data elements are transferred into each other.

Figure 4–107 DW Transformation Data Transformation of a Data Warehouse



4.4.1.8.3 E-Business Scenario Diagram The smooth sequence of inter-company business processes is steadily gaining significance. On the one hand, the sequence of specific procedures at the interfaces between the companies is in the center of interest, on the other hand, there are the interfaces between the companies and their customers. The contacts need to take place in a clear, quick, consistent, and direct manner.

Also, rapidly finding suitable business partners (from a corporate perspective) and providers (from a consumer point of view) is becoming increasingly important. An optimum arrangement of these processes results in a competitive advantage. The ideal platform for supporting these bilateral relationships is the Internet. As the processes within the environment described above are multi-layered, we need to define what we mean by the term **e-business**.

Definition: The term e-business describes all computer-assisted processes between two business objects and the attempt to gain added value by using new media.

Thus, e-business can mean the simple acquisition of an item via the Internet, a highly complex project involving two companies, or the creation of a Web site for a corporate presentation.

Definition: Relationships between companies are referred to as **Business-to-Business (or B2B)**, while relationships between companies and consumers are called **Business-to-Consumer (or B2C)**.

The e-business scenario diagram has been developed to support e-business.

The possibility of viewing a value-added chain in its entirety, i.e. from the end user to each of the companies involved in a procedure, provides a basis for developing optimization potential. The objective is, for example, the improvement of the supply chain, the lowering of procurement and distribution costs or the optimization of the information system architecture. The contents depicted by the objectives can be modeled using this method.

The business objects are arranged in the upper row of the diagram and referred to as **Business participant**. The participating companies can be assigned by an organizational chart. Here, a business object's individual processes participating in the overall process as well as the interfaces between them are in the center of interest. An individual process is a business process that plays an important role in inter-company cooperation and that can be assigned to the process model. The business process is supported by application systems (business components), such as the R/3 system.

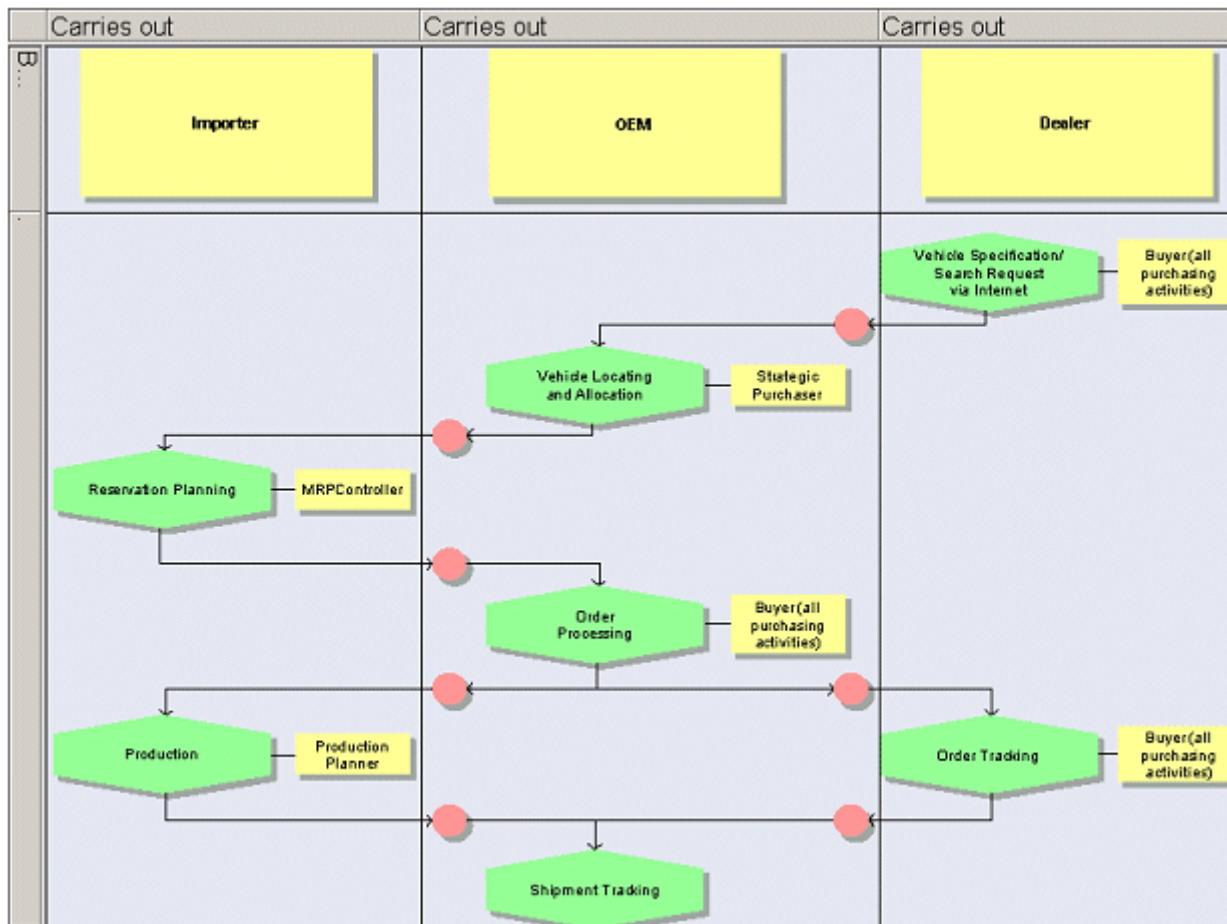
Even the roles of the employees involved in the process can be defined. These are referred to in the model as **Employee role**.

The main feature of the interfaces is the transfer of process-specific information. The information is combined in business documents and can assume the form of an XML or HTML document. The business document can also be assigned as a data model. As an alternative to this object, the objects **Money transaction** (for representing a cash flow), **Goods shipment** (for representing a flow of goods), **E-mail**, **Internet**, **Intranet**, **Extranet** and **Mobile phone** (for specifying the technological aspects of the data transfer) may be used.

All procedures relating to a company are modeled in the row below the business participant, but in the same column.

From this it follows that the column borders form the abstract interfaces. These merit special attention as they carry the main potential for optimization and it is therefore always beneficial to model them.

Terminology: In the sample model below, OEM stands for **Original Equipment Manufacturer** and MRP for **Material Resource Planning Controller**.

Figure 4-108 Example of an E-Business Scenario Diagram for the Motor Industry

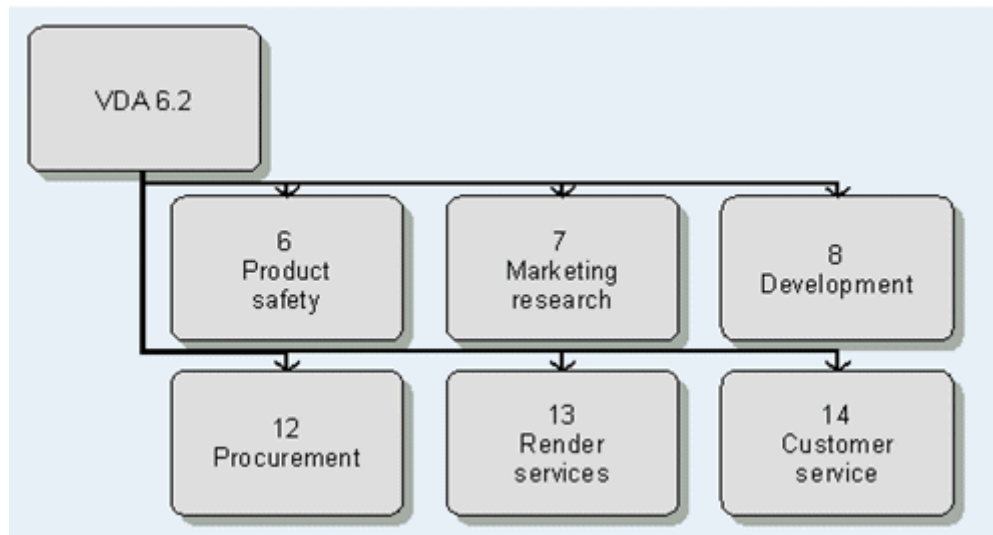
The sample model shows how a manufacturer, an importer and a dealer cooperate. Each party has its specific processes in the overall structure, which use business documents to exchange information at the interfaces to the processes of other business partners. The persons involved in the business processes are also recorded and allocated with their roles.

4.4.1.8.4 Structuring Model The structuring model is generally used to express the hierarchy or systematization (specialization or generalization) of facts.

Definition: A structural element represents a fact (in the direction of the intended systematization).

Models relating to the facts can be assigned to the individual structural elements of the fact hierarchy.

Structuring models are most frequently used in quality management, particularly for certification purposes. There, the structuring model divides a norm into its individual components, and models which help meet the quality criterion are assigned to the individual structural elements.

Figure 4–109 Example of a Structuring Model (Extract from VDA 6.2 Standard)






























By means of a report, these facts can easily be evaluated or used for documentation purposes.

4.4.1.8.5 Industrial Process and Office Process The **Industrial Process** and **Office Process** model types essentially represent the same facts as the EPC model type or EPC (material flow). However, these two models provide only a limited selection of objects, and the symbols are represented in graphical form.

This kind of graphic representation has the advantage that employees in the operating departments can understand the models without training and are able to adjust and develop them themselves. For example: It is easy for everyone to see that a three person-symbol represents a group, whereas this is not so obvious in the abstract EPC symbolism (oval with double frame). Therefore, the goal of these two model types is to introduce process modeling, process optimization, and process utilization into the operating departments.

For the best identification of symbols, two process types (model types) are provided: the industrial process illustrates the production processes (creating material goods/products), and the office process illustrates the office processes (creating intangible goods/services).

compares the industrial process symbols and office process symbols with the EPC or EPC (material flow) symbols.

Object Type	Possible Symbols within the Model Type		
	EPC	Industrial process	Office process
Event			
Function		 Event (Manufac.)	 Function (Office)
Rule	    AND XOR OR Rule		
Application system type			
Location	  Workstation Location		
Organizational unit	 		
Group			
Position			



































































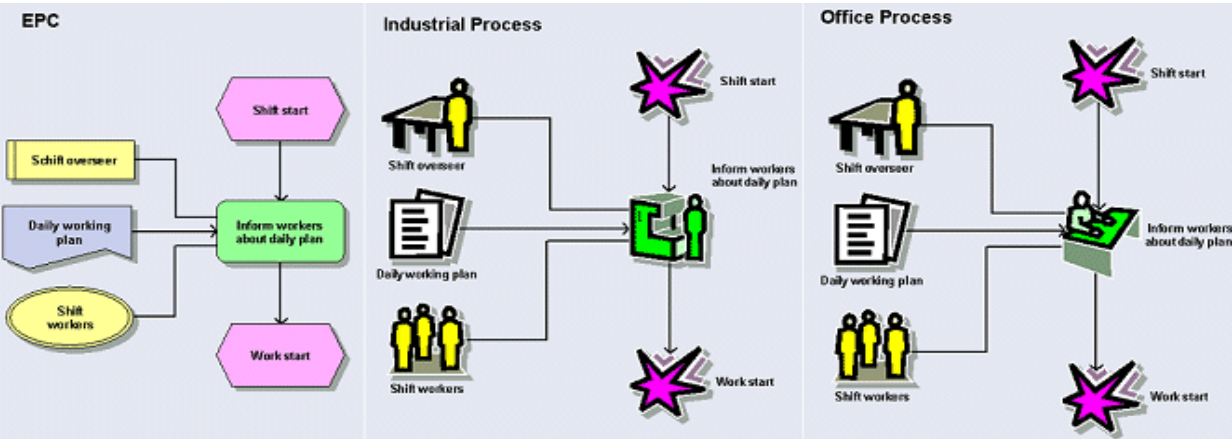
Object Type	Possible Symbols within the Model Type		
	EPC	Industrial process	Office process
Person type	 Person type  Position description		
Person	 Internal person  External person	 Person (m)  Person (f)	 Person (m)  Person (f)
Knowledge category			
Documented knowledge			
Information carrier	 Bar code  File  Fax  Card file  Magnetic tape  Microfiche  Telephone  Document  Folder  Expertise	 Printer  Document  Diskette  File cabinet  Notepad  Telephone  File bin  E-mail	 Printer  Document  Diskette  File cabinet  Notepad  Telephone  File bin  E-mail  Time planner  Wastepaper basket  Internet  Book  Hard disk  CD-ROM  Fax  Letter  File  Magnetic tape
Material type		 	-
Transport system type		 Airplane  Truck  Transport system	-
Operating resource type		 Machine  Robot	-
Techn. operating supply type			-
Packaging material type			-

Figure 4–110 Comparison of Symbols for the EPC, Industrial Process, and Office Process Model Types

Object Type	Possible Symbols within the Model Type		
	EPC	Industrial process	Office process
Warehouse equipment type			-

The models can be displayed in all three model types (if the objects exist in the corresponding model type) by copying the content of one model type to another. When copying, Oracle BPA Suite automatically converts the symbols. illustrates an example of the same fact being displayed in three model types - **EPC**, **Industrial Process**, and **Office Process**.

Figure 4–111 Example of Facts Being Represented in the EPC, Industrial Process, and Office Process Model Types



4.4.1.8.6 Project Process Chain (PPC) The PPC model type is the connecting link between Oracle BPA Suite and MS Project. Oracle Business Process Architect can represent the procedural sequence of functions in the sense of a business process by using event-driven process chains (EPCs). However, this abstract level is insufficient for the capacity and time planning purposes of a project. Actual event and function instances need to be examined and specified. The PPC fulfills this need by providing its own object type at the occurrence level instead of the **Event** and **Function** object types.

Definition: An event instance is an event that occurs in a specific process instance. The event instance can be evaluated, i.e. it is possible to determine whether it is true or false.

Definition: A function instance is a function that occurs in a specific process instance. A unique start and end time, as well as other necessary attributes can be assigned to it.

Project structural items (function instance, event instance, rule, and connections) serve to represent the chronological-logical sequence of a project. The PPC also contains the **Person** (internal/external), **Operating Resource**, and **General Resource** resource objects. They are used for planning deadlines and capacities.

Definition: A general resource is a resource that cannot be defined precisely. It does not necessarily have to be a person or an operating resource. A general resource is for executing procedures.

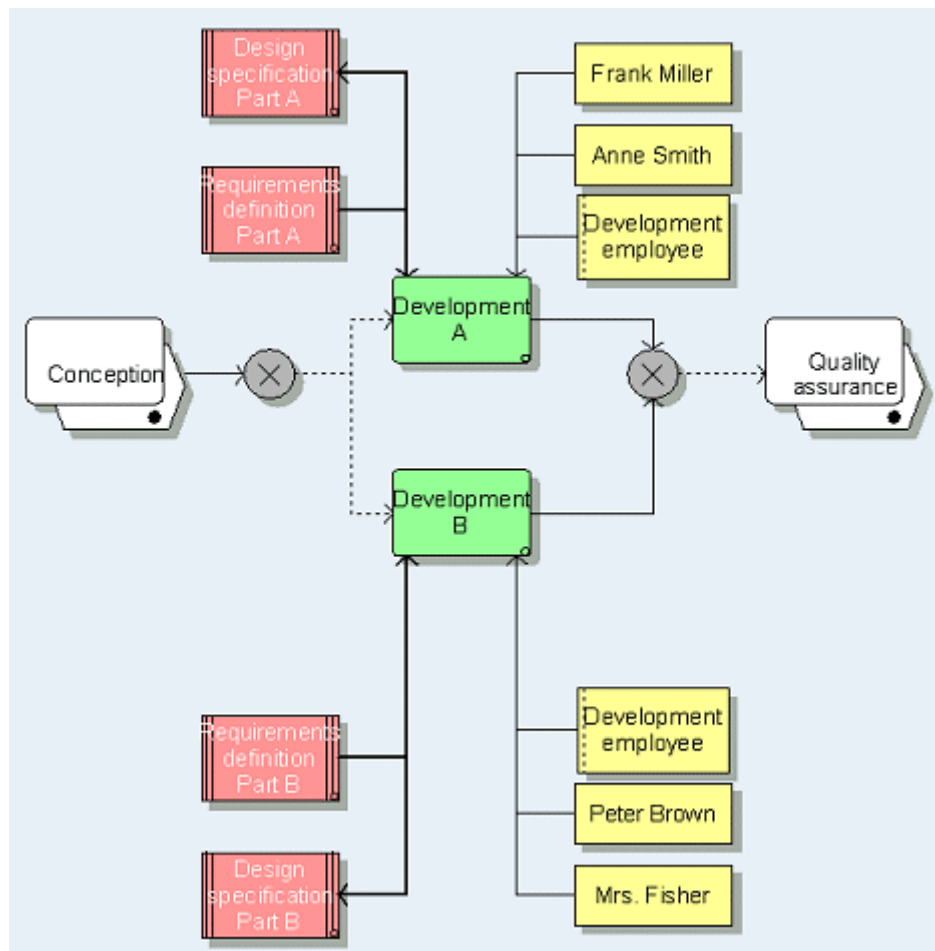
You can also specify function instances in more detail within the PPC by using cluster instances.

Definition: A cluster instance is an instantiation of the cluster/data model object. It represents a logical view of a cluster of data objects or structures.

The PPC uses cluster instances to represent the relationship between function instances and data. An **Information carrier diagram** model type (see Requirements Definition of the Data View) can be assigned to the **Cluster instance** object type. This can display the information carrier where the data is stored.

The figure below illustrates an example of a project process chain created by converting an EPC.

Figure 4–112 Example of a PPC Created from an EPC



The XOR operator in the example above indicates that branches occurred at this place in the converted EPC. These branches need to be interpreted as alternative paths and should be uniquely specified for the project.

Objects with assigned models are identified with a black dot in the bottom border. In the example above, these are the **Conception and Quality Assurance** (both project guidelines) objects and the requirements definition, part B (cluster instance).

The user can model the **PPC** model type directly in Oracle Business Process Architect.

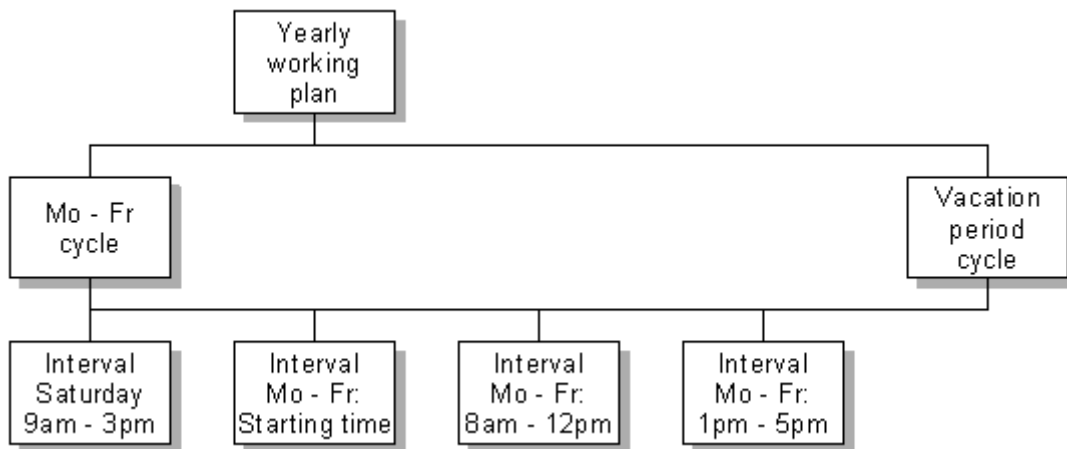
4.4.1.8.7 Process Instantiation Model The main aspect of a dynamic simulation is the analysis of process procedures during their dynamic procedure. The processes to be analyzed are instantiated (started or generated) at start events. In agreement with their respective areas of application, users must be able to decide when and how often processes should be instantiated. In addition, the user needs to be able to prioritize processes so that urgent processes can be taken into account, for example.

The ARIS Method prioritizes tasks by maintaining the **Priority** attribute (**Simulation** attribute type group) for start events, and all processes instantiated at the corresponding start event retain this priority.

The requirement described is fulfilled by the process instantiation model. This model is developed as a multi-level object model. The **Instantiation Interval** object is at the lowest level. Such an interval contains the **Relative interval start**, **Interval duration**, **Number of process instances**, **Distribution**, **Cyclical repeat**, and **Period** attributes. An interval duration of 0 is permitted in order to express a certain point in time. While intervals describe shorter periods of time, the process instantiation cycles are used to repeat an ever recurring sequence of intervals. For example, a day can be modeled by four different intervals, which are repeated as a cycle for the entire simulation time period (e.g., a week). But it is also possible to divide the simulation time period into several cycles (e.g., work days and weekends), each of which can contain different intervals. A process instantiation plan can contain one or more cycles. The following example explains the object model more clearly:

A process model exists as an EPC with a start event. The following assumptions apply for this process: On weekdays (Mon - Fri), 50 processes are started at 8.00 a.m. at the beginning of the working day. From 8:00 am to 12:00 noon as well as from 1:00 p.m. to 5:00 p.m., 20 processes are started in equal distribution; from 12:00 noon to 1:00 p.m. and outside of work hours, no processes will be started. On Saturday, 60 processes will be started in a triangular distribution from 9:00 a.m. to 3:00 p.m. Generally, no processes are started on Sundays. This weekly rhythm applies from January to December, except during the vacation period from July to August. During this period, no one works on Saturdays.

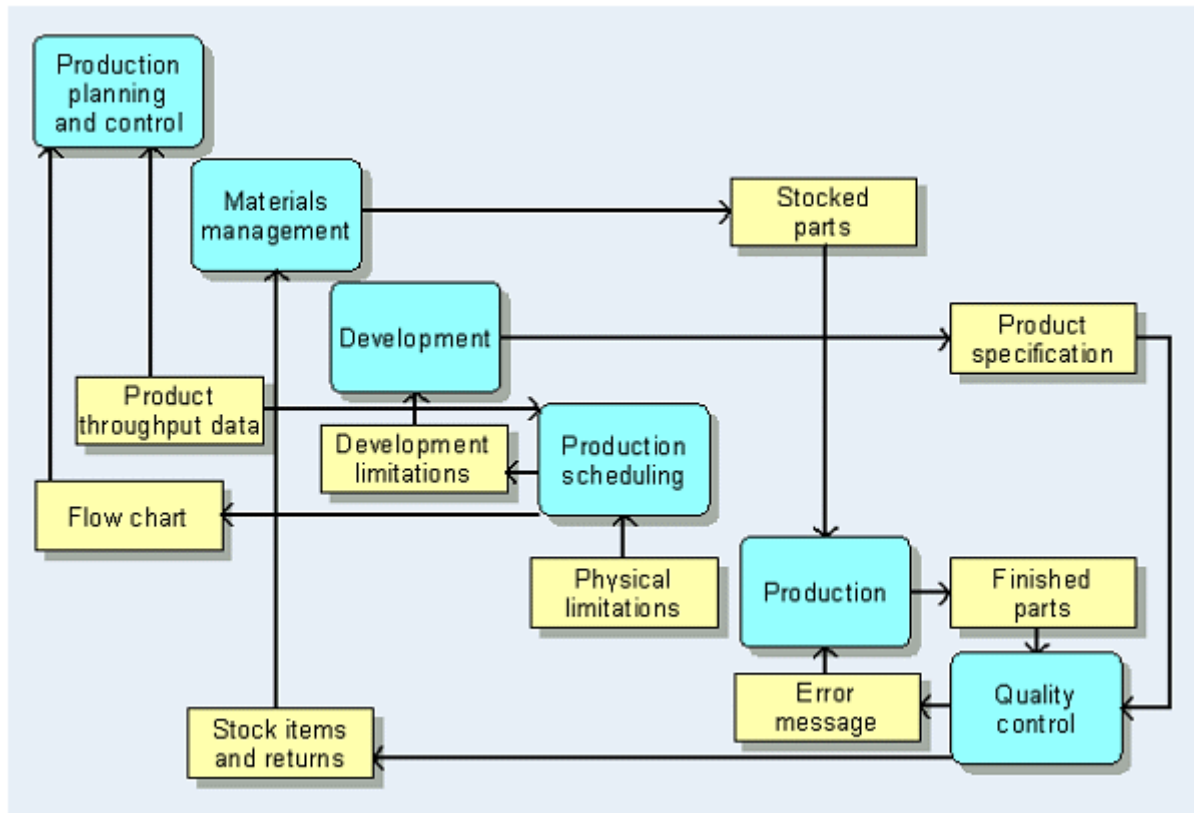
Based on the example described above we can generate the following model:

Figure 4-113 Process instantiation model

4.4.1.8.8 RAMS The requirements analysis for manufacturing systems (RAMS) is a company analysis method developed by Digital Equipment.

RAMS is a procedure (or model) for viewing and evaluating the integration potential of information technology and for developing solution scenarios for the requirements of information systems. The result is a "requirements specification" that ensures the coordination of business objectives, business procedures, information flows, and information systems.

The model represents all departments, activities, and existing applications to be considered on a diagonal. The diagonal is supplemented in matrix form by the most important information flows between the individual functional units. Important goods, money, or material flows are added as needed.

Figure 4-114 Example of a RAMS Diagram

Procedure Model of a RAMS Study:

Step 1: The first step comprises the definition of expected study results, the naming of the participants involved, and an initial time schedule.

Step 2: The second phase starts with the selection of the individual departments, activities, and existing applications to be examined during the study. They are represented on a diagonal matrix that should also indicate the most important information flows between individual functional units. If required, important goods, money, or material flows have to be added and made visible. In addition, the departments or functions must be specified for which a detailed requirements analysis is desired.

Step 3: After the scope of the study has been defined the selected departments or function groups are analyzed in detail with regard to their business objectives and processes as well as tasks and related information requirements. The creative use of drawings and illustrations makes complex processes or procedures easier to understand. Frequently, original business forms, reports, or screens are used to clarify aspects. An important task of this analysis is to discover possible irregularities in the information flow and business procedures relationships in existing activities and systems. Improvement potential of existing activities and systems is also examined. During the analysis, problems, questions, and suggestions for the best possible solutions are presented. Subsequently, the information gathered is structured and examined in detail in terms of its causes and effects pertaining to business activities. If improvement potential emerges, it is recorded and its benefits evaluated.

Step 4: The results of the detailed actual situation analysis are used as a basis for the following requirements specification. The problem areas are now clearly outlined, and new ideas and alternative solutions can be developed for them. It is important to keep

suggested solutions - which can range from complex systems to simple process changes - in close relation to the previously recorded initial situation. This comparison with the initial situation must be performed for all functions and activities in the relevant areas. Study results can range from the functionality of generic solutions to creating and comparing user requirements.

Step 5: The results collected during each step of the analysis are incorporated in the formulation of the final requirements specifications. All information, detailed examinations, and suggestions compiled in the course of the study are summarized in a final report and establish the basis for future system requirements. The next implementation step is a functional system specification.

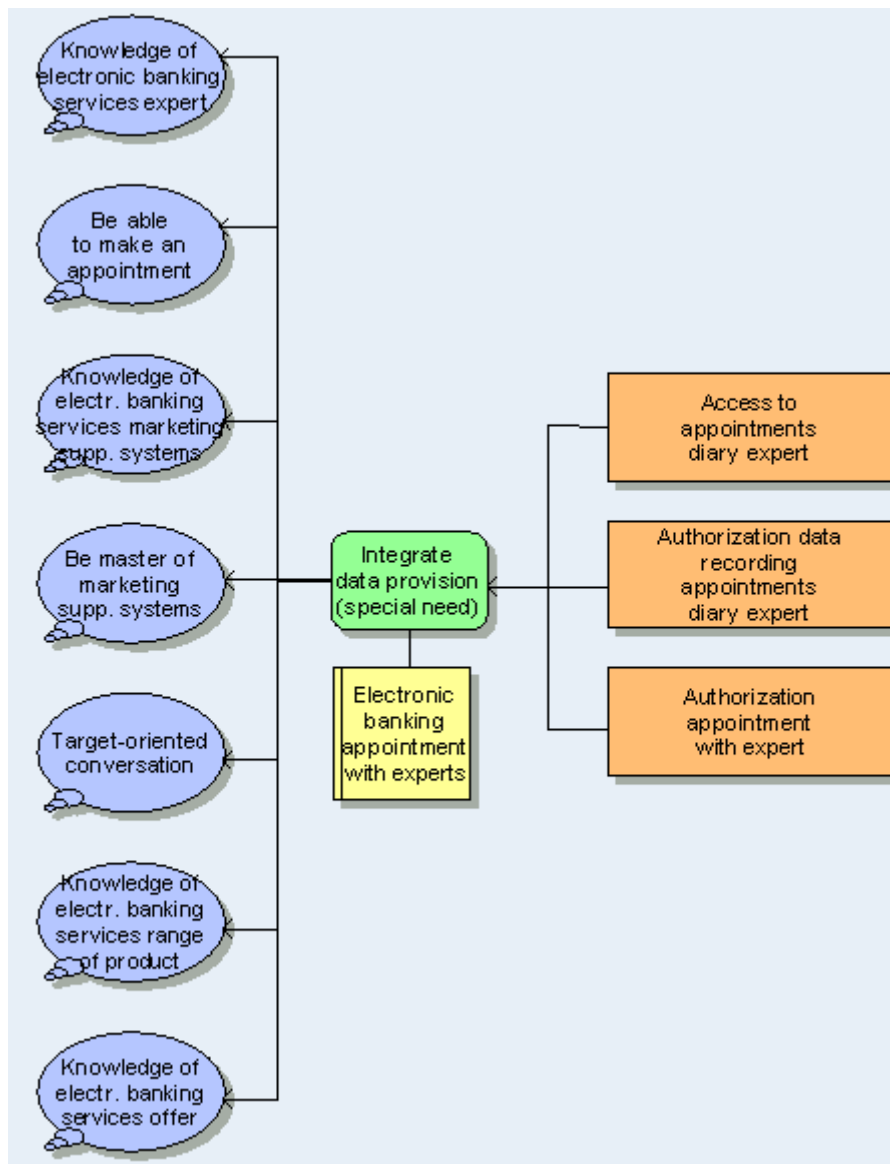
4.4.1.8.9 Role Diagram In general, the role diagram is used to describe processes in more detail. The focus is put on the organizational units participating in the processes as well as on their roles. The objects and their relationships have the following properties:

A role participates in processes with due consideration of authorizations. Not only executability is significant, but also specification of the authorization type in the process (a role is involved in execution). In the execution of a process with a specific authorization, the Role - Participation - Process relationship chain (including both Participation - Authorization condition and Participation - Authorization value) is established.

A role can be occupied by persons, positions, or information systems. The role forms the link between the processes and the resources involved in them. It is defined by an aggregation of expectations of the resources involved in the processes.

Executing a process requires skills that the participating role or the allocated resource must have. To be able to define roles in a process-oriented manner, the processes must be assessed and the requirements of the processes on the persons/systems involved be specified. More precisely, requirements of persons or systems means the knowledge and skills these persons or systems have. The evaluation of a skill is standardized by an assigned evaluation scale.

Therefore, in the role diagram it is possible to depict processes and specific elementary processes, represent the resources involved, record their skills or required skills, and show their authorizations.

Figure 4–115 Role Diagram

The sample model displays the requirements of the elementary process of the role (skills and authorizations) as well as the requirements of the elementary role of the resource with regard to skills and authorizations.

The diagram is assigned to the respective elementary process and elementary role. By assigning the diagram to the elementary process, the requirements of the underlying process EPC (corresponds to the process reference model) can be viewed. Through the assignment to the elementary role, the elementary role requirement of the resource with regard to the resource's skills and authorizations can be viewed from the role structure diagram.

4.4.1.8.10 Quick Model The **Quick model** model type enables you to model without method restrictions. The **Quick model** contains the **Quick object** object type with over 30 different symbols. Relationships of the **has relation with** type can be created between quick objects. Multiple connections of this type are allowed between two objects.

The corresponding standard attributes can be maintained for models, objects, and connections.

You can assign multiple quick models to all objects of any object type offered by the ARIS Method. In addition, you can assign any number of models offered by the ARIS Method to a quick object regardless of the model type.

You can transform **Quick model** model types and/or **Quick object** object types into method-based models or objects using the Semantics Generator in Oracle BPA Suite.

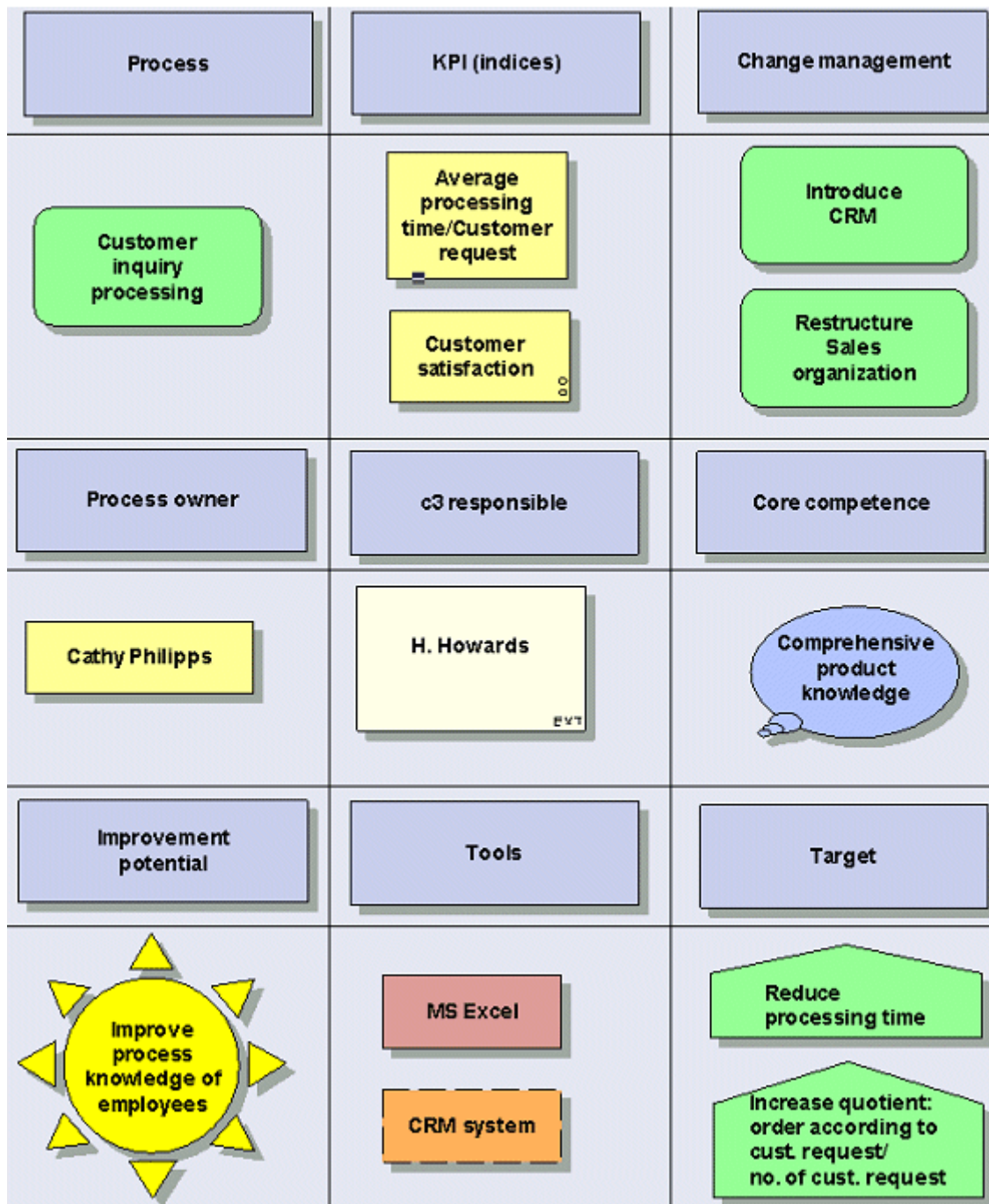
4.4.1.8.11 c3 Method The **c3 method** model type describes the initial process approach above the process level in a change management project.

The focus is always on the process to be improved. For each process examined, a number of different objects are modeled that illustrate relevant information for the project in list form. This includes information on:

- organizational aspects (e.g., process responsibility and substitute rules);
- tasks carried out to improve the process;
- KPIs by which the improvement in the process is measured;
- tools to be used to improve the process;
- activities planned to change the process in the near future;
- improvement potential of the process examined;
- skills needed to carry out the process;
- targets pursued by the project;
- currently used tools (software, methods, continuous training);
- tools recommended for process improvement and integration in the whole system.

The structure of the **c3 method** type is shown in the following diagram.

Figure 4-116 Structure of a c3 Model



You can draw a connection only between process/task and process owners, process managers, or process supporters.

The other relationships are formed based on the position of the objects in the model.

In a c3 method model, the functions (processes/tasks) recorded later can be assigned the corresponding process models, just like the organization elements are assigned the corresponding organizational charts.

The **Description/Definition** attribute can be used for a short description of an object. This attribute is evaluated by the **c3-ProjectSheet.rsm** report.

4.4.1.8.12 Screen Design You can use a screen design during software design in Oracle BPA Suite to specify the technical requirements of a dialog box or Web form.

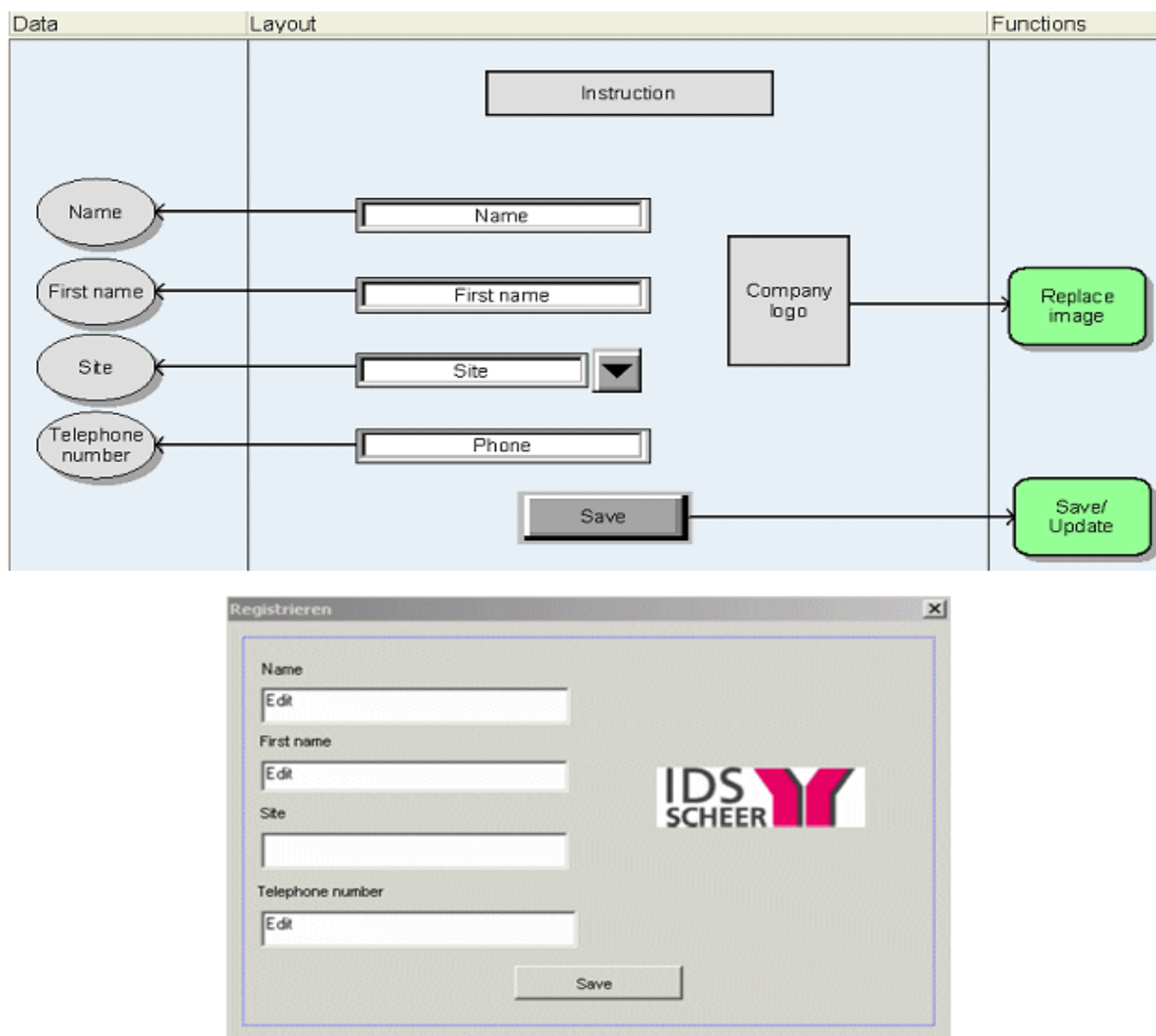
In the **Layout** column, you determine the structure of the dialog box or Web form. Designing a dialog box is very much like using a resource editor in a development environment.

The graphic elements that can be placed in the **Layout** column include text boxes, spin boxes, option buttons and check boxes, combo boxes, buttons, tree and list controls, as well as bitmaps and static text. You can use the **TabIndex** attribute type to determine the order in which the tab jumps to the various screen elements.

You can use the **Data** and **Functions** columns to place various data elements and function objects. A represents connection type can be used to link the objects with the data elements and functions that you edit.

Each screen design can be assigned to the corresponding screen object that is used in a screen navigation model type or EPC. In addition, a screen design can also be assigned to the entity type, cluster, complex object type, class, or function/IT function edited with the screen.

The **ScreenDesign.rsm** report can be used to export the screen design information to a text file. The text file can be edited in the **C++** development environment.

Figure 4–117 Example of a Screen Design for a Registration Dialog and Implementation in C++

4.4.1.8.13 Screen Navigation In a Screen navigation model type, you can either specify the structure of a screen that comprises several subscreens (e.g., a website with several form fields or frames), or you can describe the transition between various screens. The transition between the screens can be described in detail.

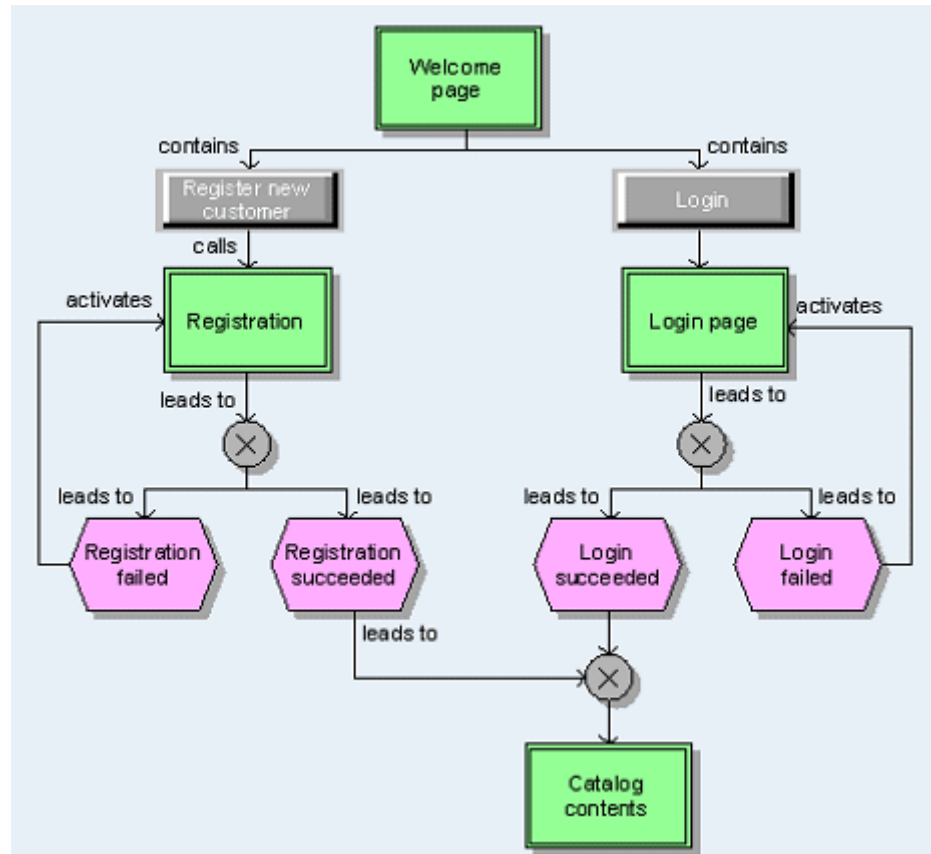
Example

You want to emphasize that a screen element has to be confirmed before the next screen can be accessed. Assign the triggering screen element (of the screen design model) to the screen using the contains connection. Then draw a connection of the **calls** type from the screen element to the following screen.

It is also possible to show that navigation depends on events. When you exit a screen various events can occur. For example, if a user has completed the registration page of

an online shop, the registration can either execute successfully or fail. Depending on the result, the user moves to the contents page of the catalog or is returned to the registration page.

Figure 4–118 Example of Screen Navigation with Events



4.4.1.8.14 Business Segment Matrix In the business segment matrix, the various markets in which a company is active are shown in an overview and their significance for the success of the company is visualized.

Each market is described by

the product or service offered and

the customer group that the offer targets.

Products and services (objects of the **Product/Service** type) are placed in the cells of the first column of the business segment matrix. The target group (various organizational elements) is placed in the cells of the first row. You define the market by placing a business segment object in the cell where product row and target group column intersect. Implicit relationships of the belongs to business segment type are established between the product/service and the organizational element.

To emphasize the significance of a business segment, five different symbols are available from almost unimportant to very important.

When modeling, you need to observe that each business segment can be placed within the matrix only once.

For each business segment, you can indicate its importance in terms of the company strategy. A strategy describes long-term procedures that the company employs to realize its goals and to gain competitive edge.

The following figure shows a business segment matrix from the healthcare field.

Figure 4–119 Example of a Business Segment Matrix

		Belongs to	Belongs to	Belongs to	Belongs to	Belongs to	Belongs to	Belongs to
Market								
Belongs to								
Belongs to								

Business segments can also be assigned an objective diagram. The target diagram contains the goals set for the business segment as well as the processes and critical factors supporting goal accomplishment.

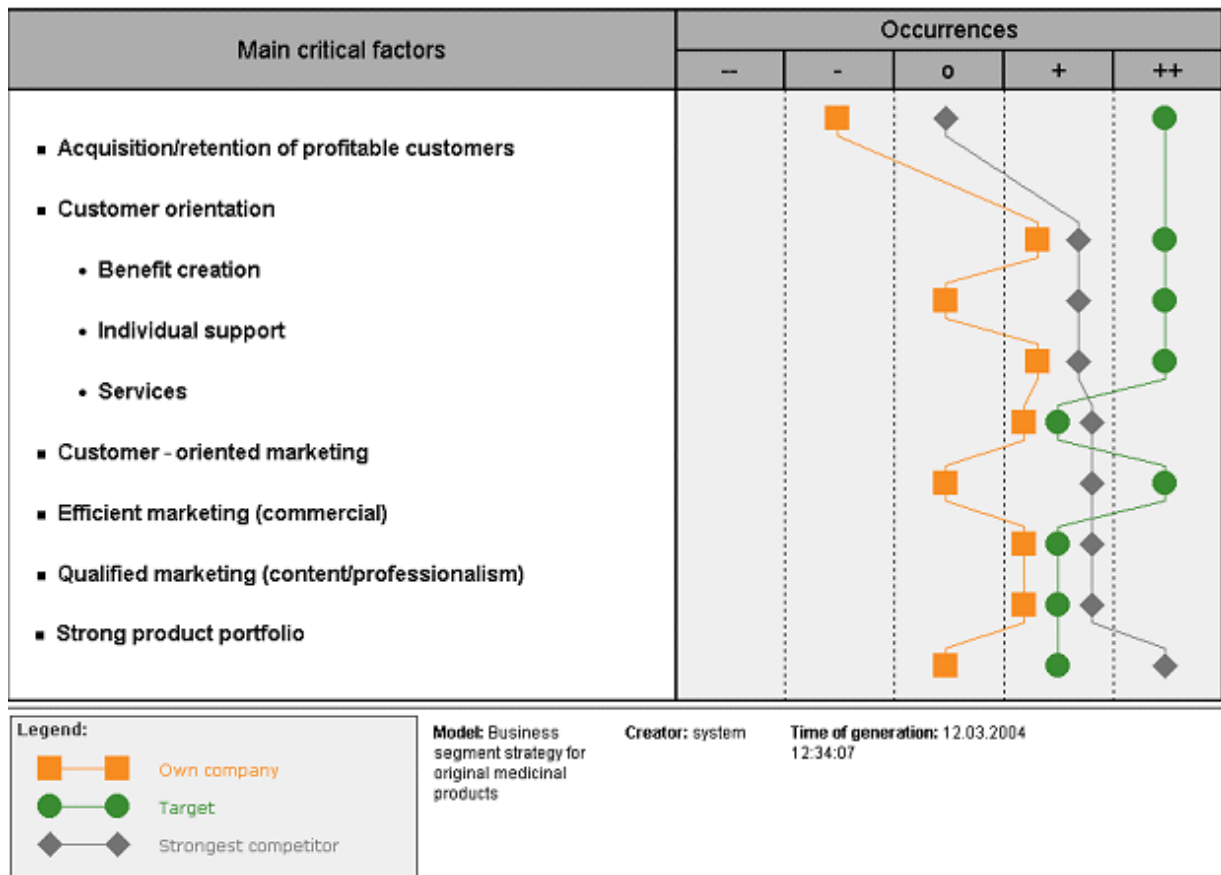
The critical factors in the target diagram can be the basis of critical factor analysis if the Success - Actual, Success - Target, and Success Competitor attributes are maintained in the attribute type group of the same name. Success is evaluated by means of a five-step scale from very low to very high.

To perform a critical factor analysis,

- use the context menu of the business segment to start Oracle BPA Suite report (Evaluate/Report) and
- select the MCF_Analysis(Object).rso report script of the BPM group in the default path of the Report Wizard.

The report is output in HTML format.

Figure 4–120 Report



Alternatively, you can start the critical factor analysis via the context menu of the target diagram. Select the MCF_Analysis(Model).rsm report script.

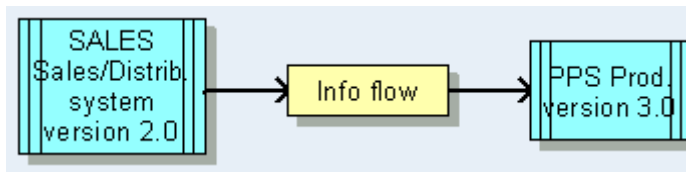
4.4.2 Design Specification

4.4.2.1 Access Diagram

The relationships illustrated below between the objects explained in the design specification descriptions of the other views can be included in the access diagram of the control view. To render the illustration more transparent, the individual dual relationships are dealt with separately.

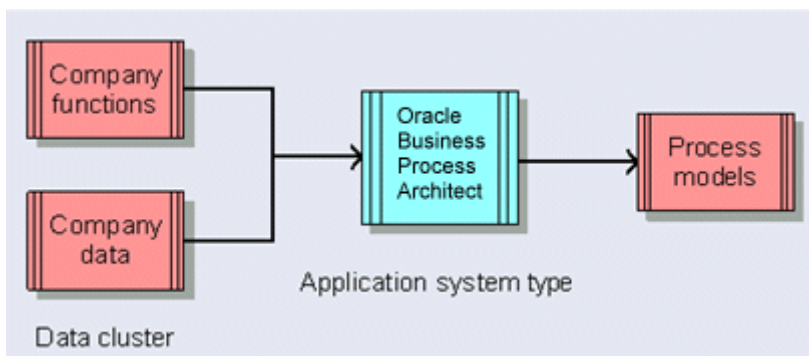
4.4.2.1.1 Combining Functions with Data First, the information flows between application systems types, module types or IT functions can be defined. For this purpose, an information flow object is created between the corresponding application systems or module types. In order to specify the information flow between system types in more detail, an eERM diagram, a relational diagram, or a table diagram is linked with the information flow object. The information flow objects may therefore be located either at the requirements definition level, at the design specification level, or at the implementation level.

illustrates an example.

Figure 4–121 Information Flow between Application System Types

Besides the information flows, input and output data of every application system type, every module type and every IT function type can be expressed as data objects of the requirements definition or the design specification. The direction of the arrows indicates whether it is an incoming (input) or outgoing (output) data flow.

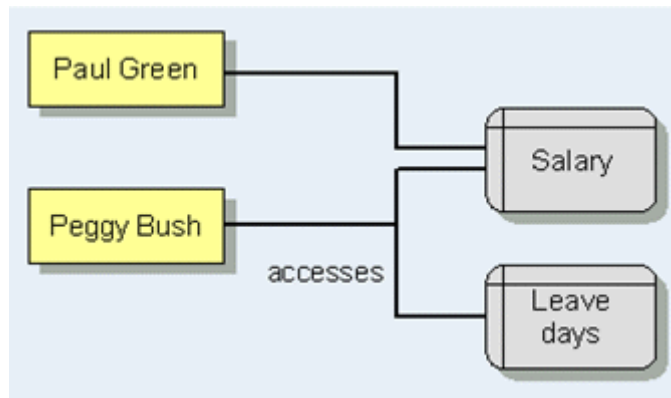
An example is shown in .

Figure 4–122 I/O Data at the Design Specification Level

4.4.2.1.2 Combining Organization with Data The key tasks to be carried out when linking data views and organization views at the design specification level are to define the responsibilities of organizational units for company data objects and determining the access privileges that essentially define which organizational units may access specific company data.

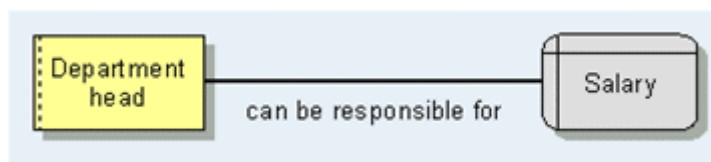
The relationships thus established link the subject-related objects of the organization view (organizational unit, position, person type, person, etc.) with data objects of the relational diagram at the design specification level (relation, attribute, view). Therefore, these relationships are also allocated to the control view's design specification level.

In order to define the access authorizations for relations or individual fields the relevant data objects can be assigned either positions or person types. This allows you to stipulate that a certain position is authorized to access particular fields, but by allocating person types, you can also define business rules such as **this field may only be accessed by department heads**. illustrates an example.

Figure 4–123 Access Privileges

A definition of the responsibilities for the contents of a field or an entire relation is as important as access authorization. For this reason, a second connection called **is responsible for** can be drawn between the organizational units and the data objects in the relational diagram. Unlike access authorizations, responsibilities for data objects are mostly assigned to one position in the company only. Business rules similar to the ones mentioned earlier can again be defined by allocating person types. Therefore, these rules relate to the responsibility for a data object.

illustrates an example.

Figure 4–124 Definition of Responsibilities

4.4.2.1.3 Combining Organization with Function The fact that the organizational aspects are linked to the functional aspects defined at the design specification level basically answers the following questions:

- Who (which organizational units, positions, people, etc.) is responsible for the application system types and module types specified in the function view at the design specification level, or who uses these systems?
- Which locations (organizational view) within the company use which application system types or module types?
- Which platforms available in the company (hardware component types (organizational view)) are suitable to run which application system types?

In order to answer the first question, connections can be drawn in the access diagram between the organizational units of the organizational chart (organizational units, positions, and persons) and the objects of the application system diagram (application system type, module type, IT function, etc.). While doing this, the significance of this relationship can be specified more precisely. We distinguish the following:

- An organizational unit **may be responsible** for an application system type as far as the **subject-related** aspects are concerned.
- An organizational unit **may be responsible** for the **development** of an application system type.

- An organizational unit may be a **user** of an application system type.

The question of location may be solved by assigning locations from the organization view to application system types, module types, and IT function types.

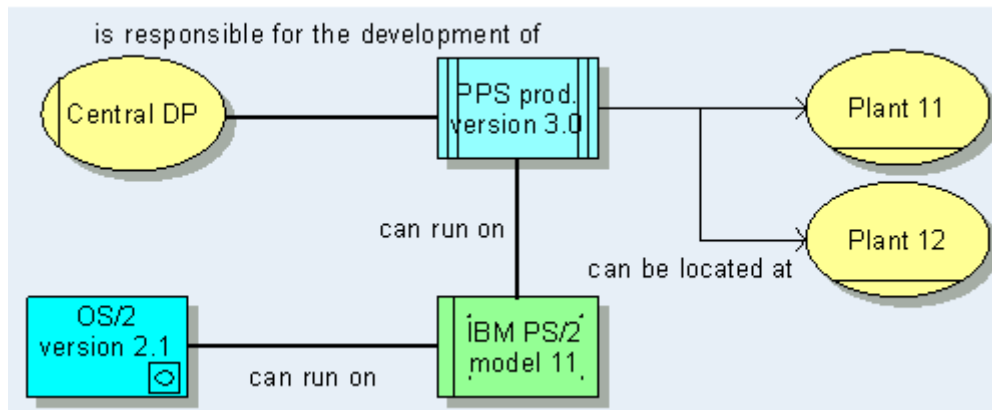
In the design specification we are not dealing with individual application systems in the sense of individual licenses but with application system types. Therefore, no actual application system locations are defined by means of this relationship (allocations of this kind are realized at the implementation level), but the possible locations for a particular application system type are pointed out.

The hardware component types available in a company are defined in the design specification of the organization view. In the control view, the relationship between these hardware component types and the application system types can be established. This is how the hardware platforms which can run certain application system types, module types, or IT function types are determined. At this stage, the desktop types, operating system types, and DBMS types included in the function view can be allocated to the hardware component types, as well.

The chapter on **ARIS Method Items** contains a list of all possible relationships occurring in an access diagram.

shows examples of relationships.

Figure 4-125 Access Diagram (Excerpt)



4.4.2.2 Program Flow Chart

In the access diagram, you can create the relationships to the object types of the organization view and the data view for the application system types, module types, and IT function types, which have been specified in the application system type diagram (see chapter 4.4.2.1). In this model type, you cannot directly represent the allocation of functions of the requirements definition. This allocation is done in the application system type diagram. Similarly, the possible chronological chain of events of the application system types, module types, and the IT function types cannot be illustrated directly. Strictly following the ARIS architecture, you can trace these links only by navigating through a number of model types.

However, in the system design environment, model types (e.g., program flow charts (PF), see page) have been established that allow an integral view of all aspects of the system design.

For this reason, Oracle BPA Suite offers the **Program flow chart** model type. It enables you to model all relationships to application system types, module types, and IT function types provided by the other model types of Oracle BPA Suite, regardless of

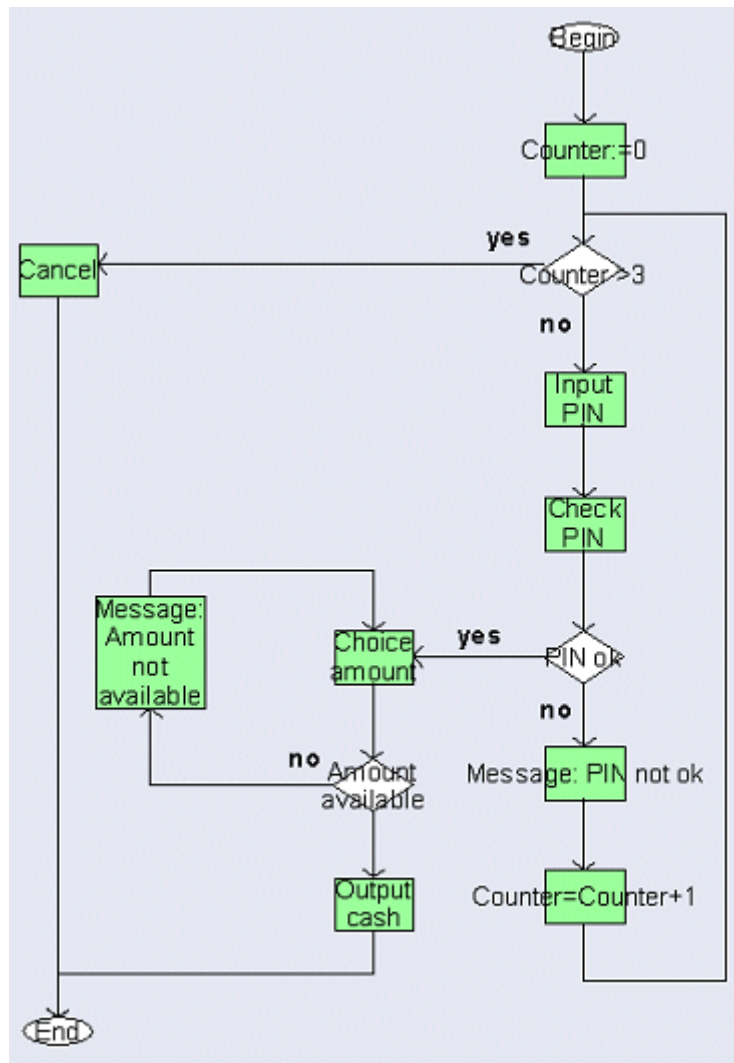
the Oracle BPA Suite division into views. Moreover, you can display the chronological-logical chain of events of the object types mentioned. For this purpose, events are also provided in this model type. As with assigning functions and events in the EPC, you can define module sequences in the program flow chart. In this context, the event is seen as a trigger that activates module types or application system types. Branches can be represented by the operators (rules) known from the EPC. Unlike in an EPC, you can also define procedural sequences in the program flow chart without having to insert additional events.

4.4.2.3 Program Flow Chart (PF)

The program flow chart (PF) serves to represent the procedural sequences of a program. The processing sequences are shown by the relationships between the objects. This diagram does not represent any data.

The following figure shows a simplified example of the procedural sequence of an automatic teller. A strong implementation orientation is clear from the illustration of the procedure sequences.

Figure 4–126 Example of a Program Flow Chart (PF)



4.4.2.4 Screen Diagram

A screen diagram is used for describing screens during software development. The goal is automatic derivation of screens from the screen diagram.

Therefore, screen diagrams display the structure and to a certain degree the functionality of screen diagrams. From left to right and top to bottom, the screen diagram's structure corresponds to the geometry of the interface described.

The central symbol is the "screen"; it corresponds to a window in Windows terminology. This window can have several tabs (**Page** symbol). In general, the interface can be divided geographically into areas using a table format (**Section** symbol for a row, and **Column** symbol for a column). The **Section** and **Column** symbols can be nested as desired in order to form complex interfaces. You can place tables (**Screen table** symbol), text entry boxes (**COT attribute** symbol), graphics (**Bitmap** symbol), and text descriptions (**Text** symbol) on the interface. Using the **Layout** symbol you can assign display properties to the **Screen**, **Page**, **Section**, **Column**, **Screen Table**, **COT Attribute**, and **Text** objects.

Additional symbols can be used to describe the screen interface.

shows an example of a screen diagram. shows the screen derived from this.

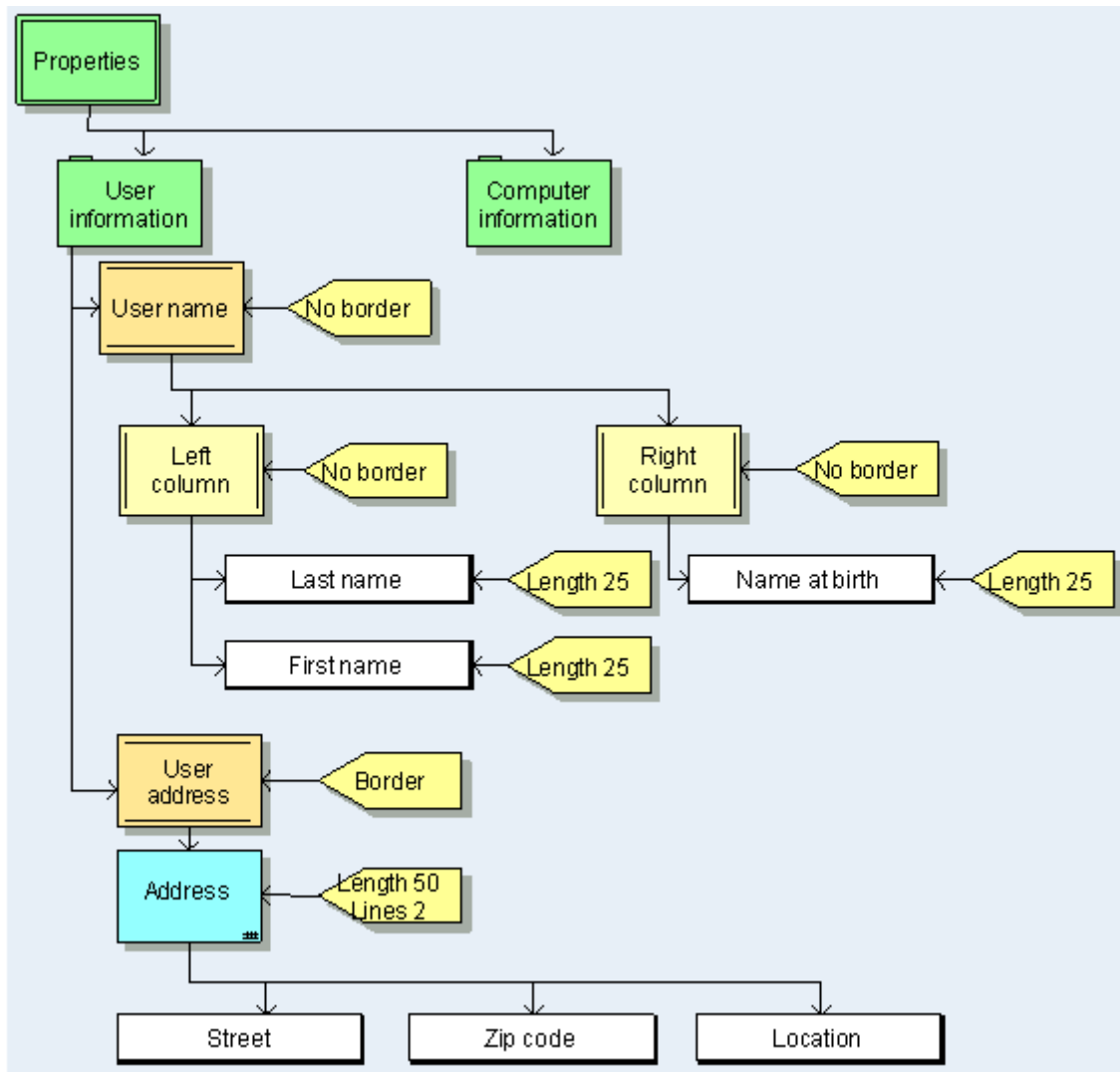
Figure 4-127 Example of a Screen Diagram

Figure 4-128 Screen Derived from Screen Diagram

Properties

User information | System information

Last name Name at birth

First name

User address

	Street	Zip code	Location
x			

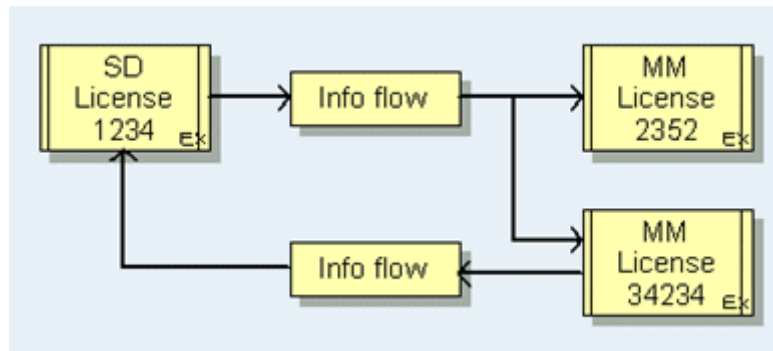
4.4.3 Implementation - Access Diagram (Physical)

The questions considered in the design specification of the control view are also relevant for the implementation level. However, we do not examine the object types as at the design specification level, but real specimen of individual objects. For example, we look at relationships between concrete application systems and organizational units, and not the relationships between application system types and organizational units.

The relationships illustrated in the following are modeled in the access diagram (physical).

4.4.3.1 Combining Functions with Data

In order to find out which data flows between application systems occur, data flow objects can be created between the application system objects of the function view. Unlike the application system objects at the design specification level, these application system objects are not equivalent to application system types but to specific items (individual licenses). This means that application systems, modules, and program element types can be interlinked by data flow connections. If you defined at the design specification level that the **SD Sales system version 2.1** module type can exchange data with the **MM Material management system version 1.2**, the implementation level represents that the specifically installed **SD module, license number 1234** exchanges data with the **MM module license number 2352** and **MM module license number 34234**. Both MM modules are of the **MM Material management system version 1.2** module type. This is illustrated in .

Figure 4–129 Data Flow

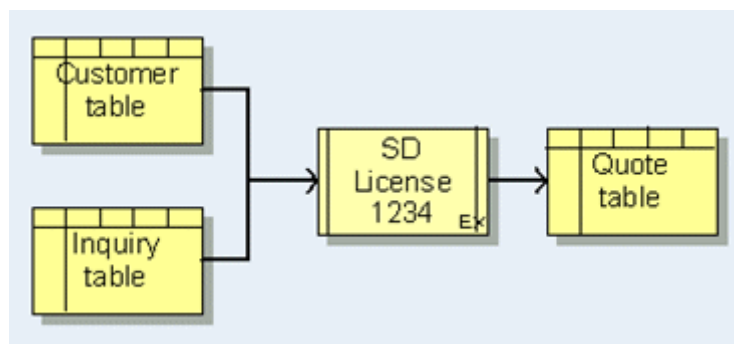
To specify in detail data objects exchanged between systems, corresponding model types in the data view are assigned to the information flow objects.

Apart from the data flows between application systems, input/output data can also be specified for every application system. There are two reasons for the relationships to be represented in an access diagram (physical). In the first case, the data objects are objects of the table diagram (table, field, view (physical)) located in the data view of the implementation level. These data objects can be linked to application system objects of the design specification or the implementation level via input/output relationships. In the second case, the application system objects are concrete application systems or modules of the implementation level, which are linked to objects in the data view.

Therefore, the following general rule can be established:

If one of the object types participating in an input/output relationship originates in the implementation level of the respective view, the relationships in the control view are represented at the implementation level (access diagram (physical)), as well.

illustrates an example.

Figure 4–130 Input/Output Relationships

4.4.3.2 Combining Organization with Data

The focus is on the same questions we dealt with in the design specification:

- Which organizational units are responsible for data objects?
- Who has access to which data objects?
- Which data objects are stored on which hardware components?

In contrast to the relationships in the design specification, the relationships here are established with the data objects shown at the implementation level of the data view.

This means that the responsibility for data objects is no longer defined for relations and attributes of the relational diagram, but for the physical structures, i.e. tables, fields and their specimens (table (specimen), field (specimen)).

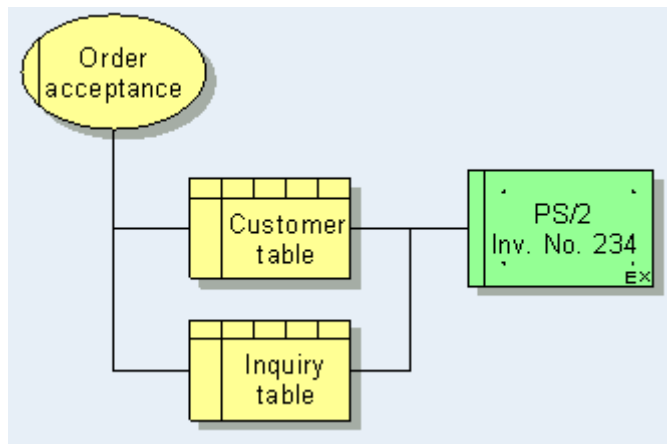
To represent these dependencies, connections are drawn between the objects of the organization view (organizational unit, position, person, etc.) and the table diagram's objects mentioned earlier (table, field, view (physical), etc.) in the access diagram (physical).

When a connection is drawn between the organizational units and the tables and fields, the meaning of each relationship must be defined separately. **Is responsible for** means that this particular organizational unit is responsible for the contents of the respective table or field; **accesses** means that this particular position or person is authorized access to the data objects shown.

In addition to the definition of access privileges and responsibilities you can use the hardware component object (organization view / implementation) to define on which hardware components that actually exist - and which can be uniquely identified using the inventory number, for instance - certain information objects of the company are located. For this purpose, the **Hardware components** object may be linked to information objects at the implementation level (tables, fields, etc.), the design specification level (relations, attributes), or the requirements definition level (entity types, data clusters, etc.) in the access diagram (physical).

illustrates an example.

Figure 4–131 Assignments to Hardware Components



4.4.3.3 Combining Organization with Functions

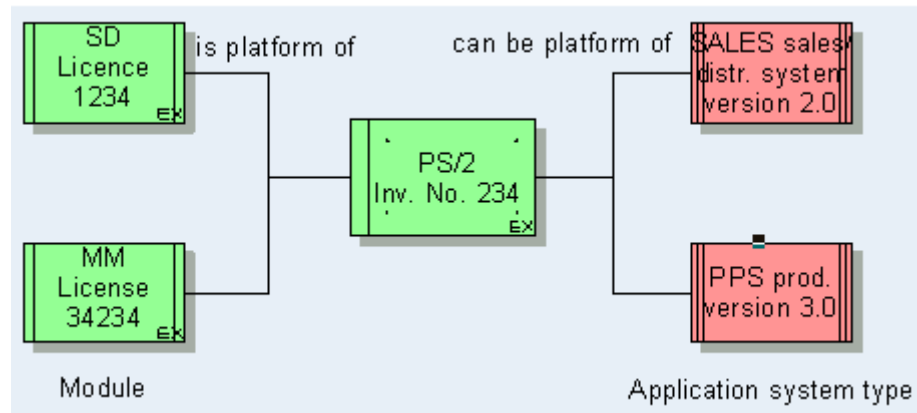
The relationships defined in the access diagram (physical) between objects of the organizational view and the function view answer the following questions:

Which application systems already run on which hardware components and which application system types **could** run on them?

In order to illustrate these dependencies, the **is platform of** and **may be platform of** relationships can be modeled between the application system objects of the implementation level (application system, module, program element, etc.) or those of the design specification level (application system type, module type, etc.) and the **hardware components** object type of the organization view.

illustrates an example.

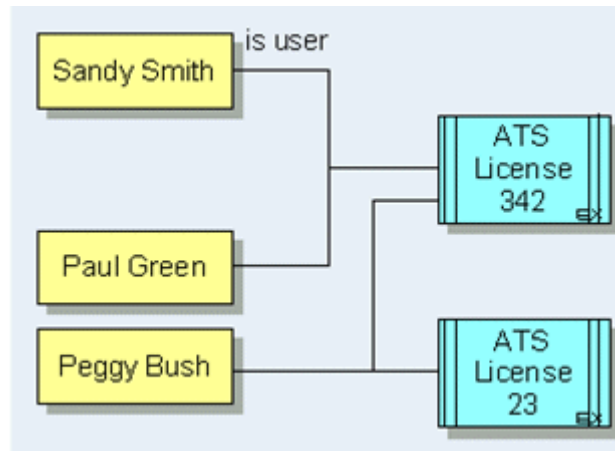
Figure 4-132 Hardware Component as Platform



Which organizational unit uses a specific application system?

If users accessing certain application system types are defined at the design specification level, we are able to define this relationship at the implementation level for specific application systems (individual licenses). For example, it is possible that in one company multiple licenses of the **Oracle Business Process Architect** application system type are available with different configurations. By using an access diagram (physical) you can show who is using which license. For this purpose, the **Organizational unit**, **Position**, and **Person** object types may be linked with the **Application system** and **Module** object types via the **uses** connection. illustrates an example.

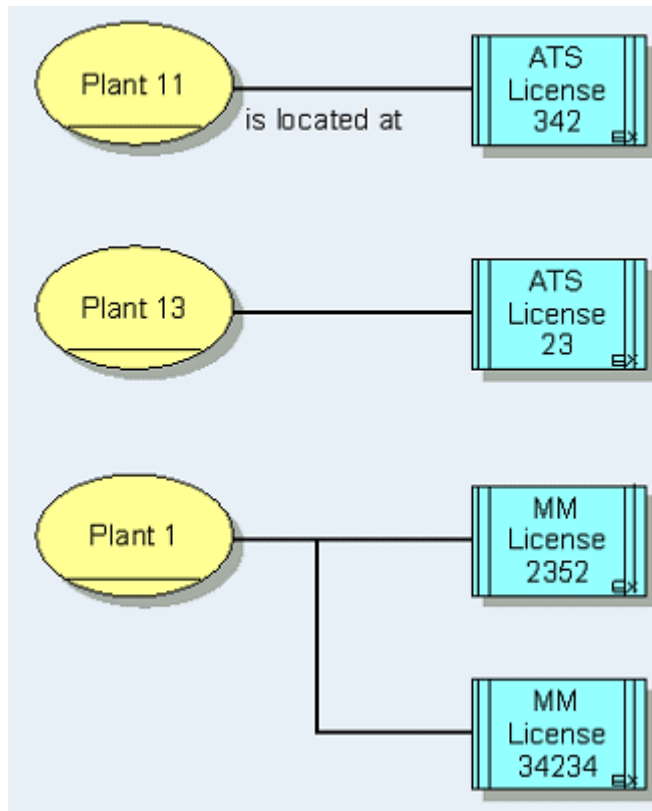
Figure 4-133 Users and Application System



Which application systems are installed at which locations of the company?

In the design specification, the **Application system type - Location** relationship defined which application system types **may** be situated at particular locations of the company. In order to specify exactly where in the company the individual licenses obtained for an application system type are used, you can link locations with the **Application system**, **Module**, and **IT function** object types in an access diagram (physical).

illustrates an example.

Figure 4–134 Location Allocations

All relationships available in the access diagram (physical) are summarized in the chapter on **ARIS Method Items**.

4.5 Product/Service Modeling

Oracle BPA Suite provides various model types for describing a company's products and services.

A product/service is generated in the course of a value creation process. It is the result of a human act or a technical procedure. A product/service can be either an intangible service or a concrete product.

Products can be a consumable product, a material type, an operating resource type, a technical operating supply type, or a packaging material type. The trigger for the creation of a product/service is always the need of an organizational unit or a customer. A product is offered to the customer in the form of tangible goods.

A service is an intangible product that is produced and consumed simultaneously.

For example, providers of pure services are banks, insurance companies, and government agencies.

The stronger the customer focus in the market segment of a product provider, the more important it is for that provider to track and improve the services in the product environment.

Therefore, the various Oracle BPA Suite model types are designed for describing both pure products or services and combined products/services.

You can use the following model types for product/service modeling:

Product/Service exchange diagram

Product/Service tree

Product allocation diagram

Product tree

Product selection matrix

1. Competition model

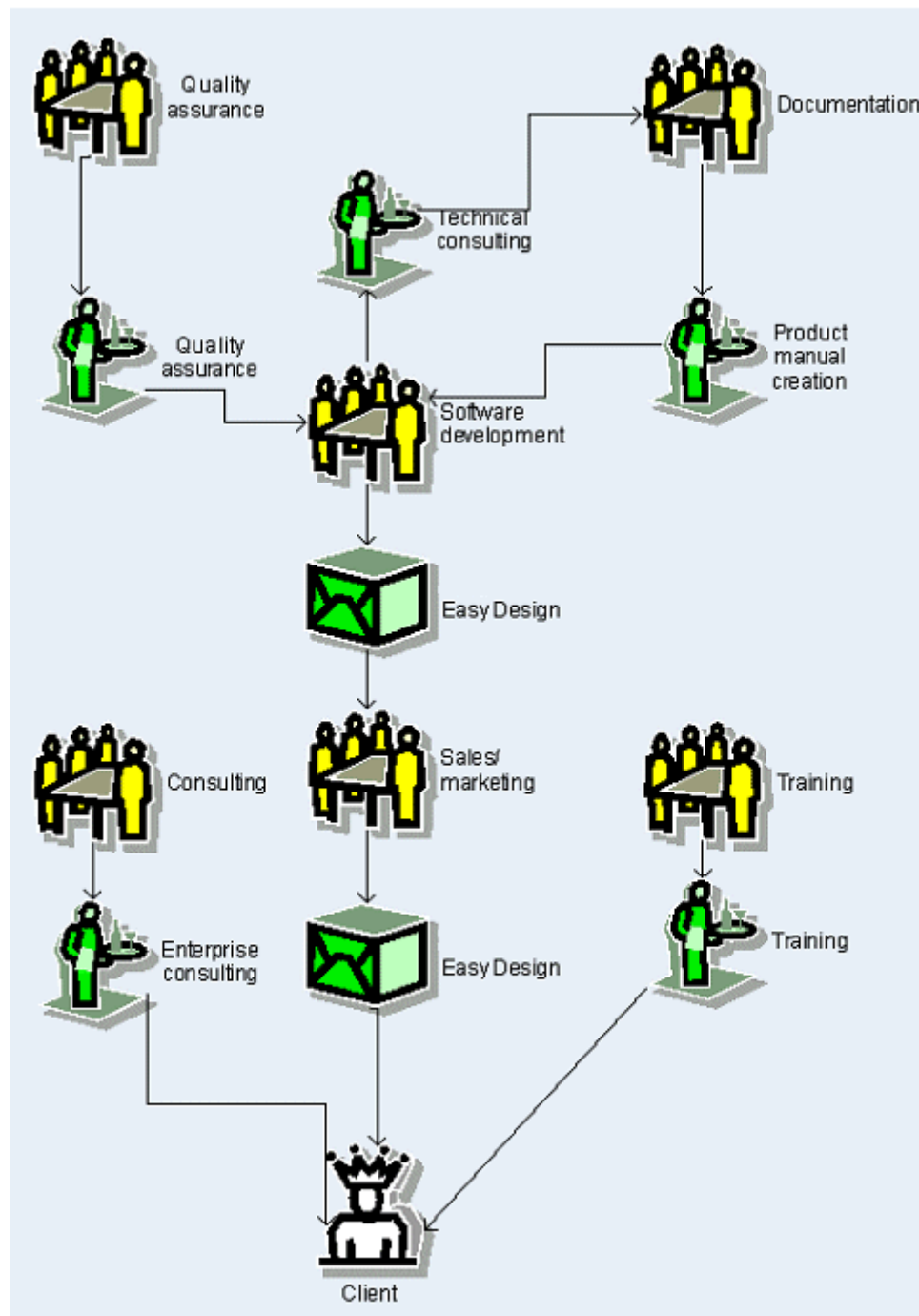
4.5.1 Product/Service Exchange Diagram

The Product/Service exchange diagram maps the creation of products/services and their exchange within the company. A product/service can be either a service or a product and is represented by a corresponding symbol. Products can include material types, operating resource types, technical operating supply types, and/or packing material types, all of which you are already familiar with (e.g., from the EPC (material flow)). Products/services as input and/or output of functions can be connected with the start and/or end events of these functions.

This product/service exchange between business management functions can be used to advantage at an abstraction level between the value-added chain diagram and the EPC. Along with the exchange relationships from a functional viewpoint, the exchange relationships of products/services can be illustrated from an organizational viewpoint. For this purpose, the Product/Service exchange diagram offers several modeling options.

illustrates an example of a Product/Service exchange diagram.

Figure 4-135 Example of Products/Services Exchange in a Software Company



4.5.2 Product/Service Tree

Products/services can be viewed at different levels of abstraction. Therefore, it is useful to store these relationships in a model showing the partial products/services that make up a complete product/service. This static aspect is represented in the Product/Service tree. For example, a complex product contains many different modules, each of which has various component parts. Each of these items can be understood as a product/service.

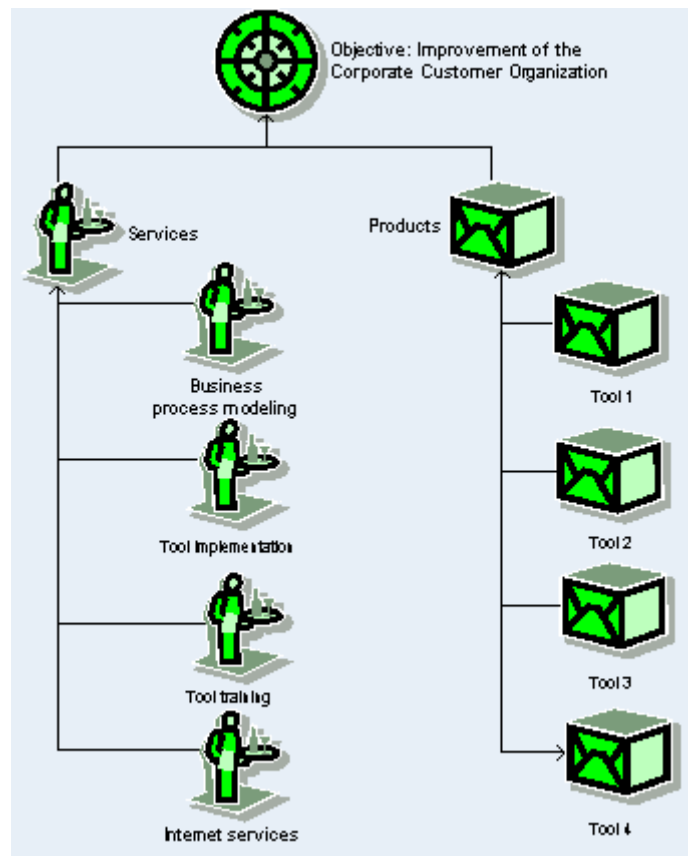
The **has relation with** connection, which is also permitted between products/services in the Product/Service tree, can be used to describe other kinds of dependencies. These include the relationship between a consumer loan and the current account through which the repayments are effected.

Substitution relationships to other products/services (e.g., (potential) replacement products or services) can also be represented.

In the static model the relationships of the products/services to the (company) objectives are also represented.

illustrates an example of a Product/Service tree.

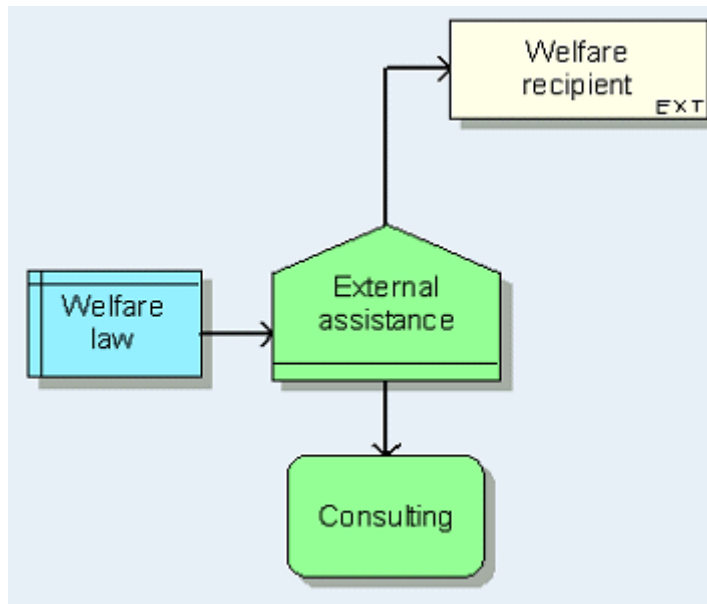
Figure 4–136 Product/Service Tree



4.5.3 Product Allocation Diagram

In addition to the general product/service diagrams that belong to the graphic models, the product models offer the possibility of creating a more abstract representation. The product allocation diagram is primarily used to analyze product creation in public administration. Like the product/service exchange diagram, this model type can be used to show which organizational units provide or use which products, and which functions are required for the creation of the products, or for which functions the products provide an input. In addition, the (legal) order basis of each product is shown here. The objectives to be accomplished with the various products can be represented as well.

shows part of a product allocation diagram for a public service.

Figure 4–137 Example of a Product Allocation Diagram

However, this model type can also be used to describe aspects relating to marketing the product.

A simplified example using bank products describes these aspects:

The growth of the Internet and the rising number of private Internet users over the past 10 years has been accompanied by the spread of online banking. At the same time, the spending power of adolescents has increased, making them more important as a target group.

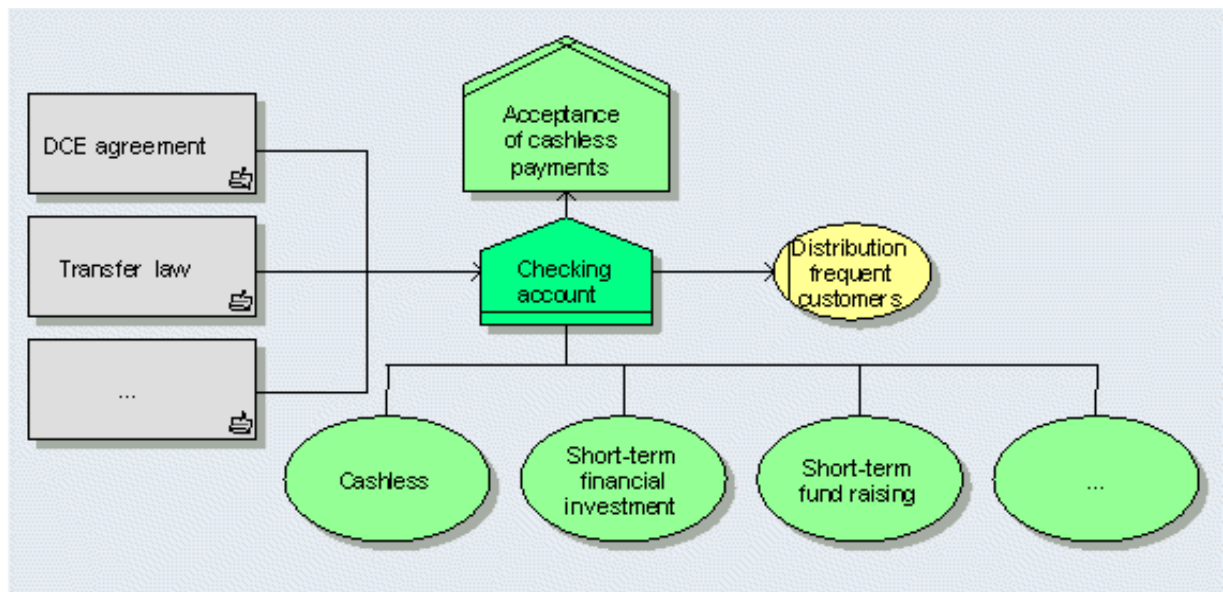
As a result, the traditional checking account service is now being offered in different forms:

For example, it can be offered as a senior citizen account, with the holder being supported by the staff at a branch of the bank. This product is geared particularly to older customers who are less familiar with the new technologies, attach importance to personal support and advice from people they know, and are no longer very mobile owing to their age. Above-average fees would probably be charged for such an account.

At the other end of the scale, a current account may also be offered as a low-fee online "teenager account". This product is aimed at youngsters aged between 12 and 20, who are familiar with Internet technology but have a lower budget. The fees should therefore be at the lower end of the range.

The following figures show product allocation diagrams for these two product variants:

Figure 4-138 Product Allocation Diagram - Current Account



The **Teenager account** and **Senior citizen account** services have been created as object variants of the checking account and are identified by the **Sales product** attribute. A sales product is a product/service rendered by a company that is offered under different names in different market segments. Generally, different marketing instruments are used for the different sales products.

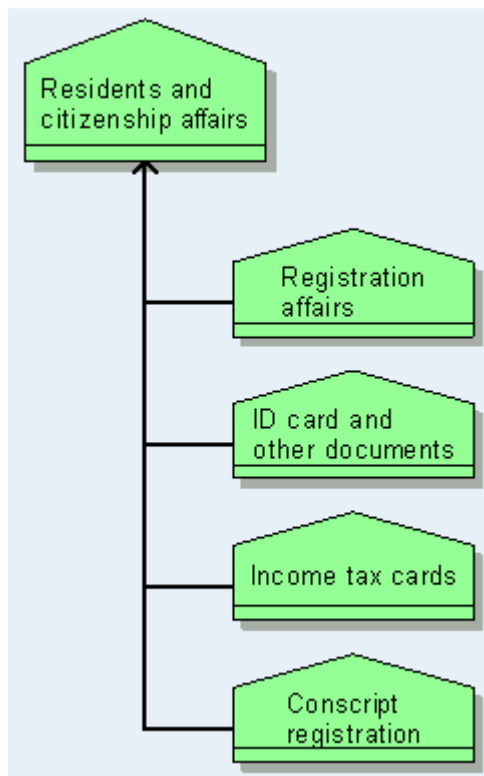
The **ORACLE BPA SUITE Variants** component can be used to develop any number of sales products from a given product.

4.5.4 Product Tree

The purpose of the product tree is to analyze the composition of products in public administration. This model essentially corresponds to the product/service tree, although the possibility of modeling replacement products is dispensed with. The product tree is located at the requirements definition level of the Product/Service view.

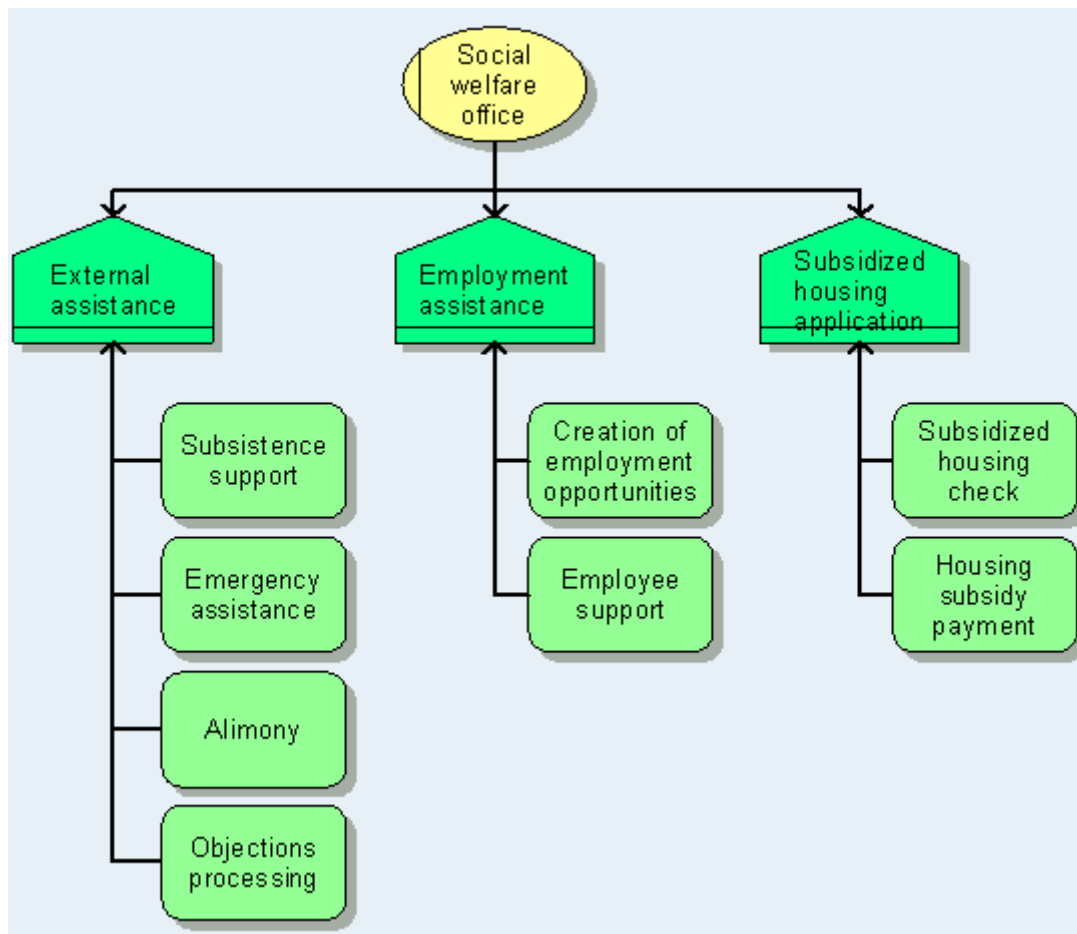
illustrates an example of a product tree.

Figure 4–139 Classification of the "Residents and Citizenship Affairs" Product Group Using a Product Tree



4.5.5 Product Selection Matrix

In the product selection matrix, the focus is on an organizational unit and the products within its responsibility. The functions required for the products' creation can be allocated to the products. The model is suitable as a starting point from which you can navigate to organizational charts, product trees, and processes relevant to the creation of products. An example of a product selection matrix is shown in .

Figure 4–140 Product Selection Matrix of the Social Welfare Office

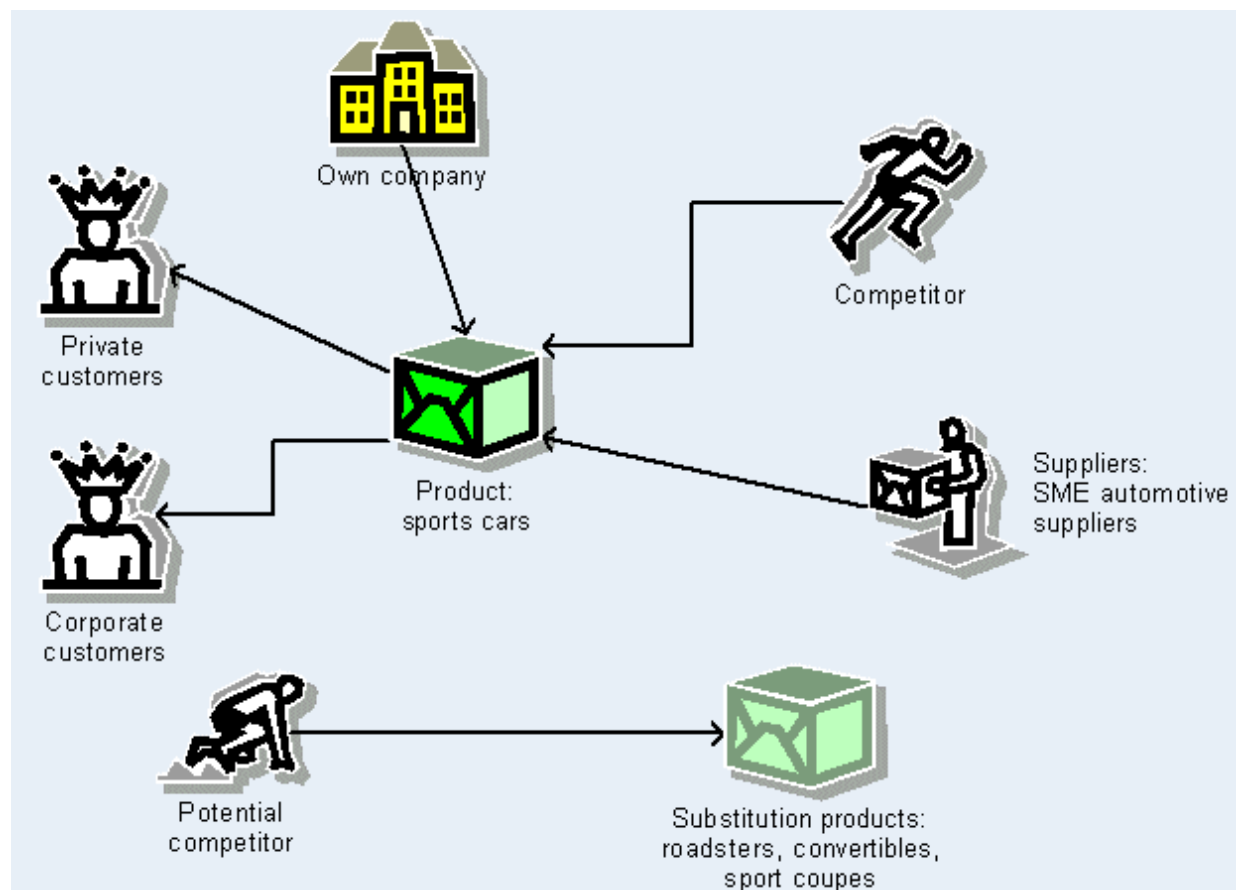
4.5.6 Competition Model

This model supports analysis and evaluation of the competitive environment in which the company competes. The industry structure strongly influences the strategies potentially available to the company.

In this model it is possible to represent relationships between a company, the resulting products and services, and market partners. It is also possible to represent which clients are using which products and services, which products and services are provided by suppliers, and which replacement products and services are offered by (potential) competitors. Thus, a window on the competitive situation of the company can be represented.

shows an example of a competition model.

Figure 4-141 *Competition in the Sports Car Market*



Unified Modeling Language in Oracle BPA Suite

5.1 Introduction

UML (Unified Modeling Language) is an object-oriented modeling language. An OMG (Object Management Group) working group standardizes the language it constructs. UML is based on the object-oriented approaches of OMT, Booch, and OOSE.

UML model types in Oracle BPA Suite are based on the definition of the Unified Modeling Language, which consists of the **UML Summary**, **UML Semantics (inc. UML Glossary)**, and **UML Notation Guide** documents, version 1.1. dated September 1997. Various extensions have incorporated concepts from more recent UML versions into the ARIS Method. Up-to-date information on UML is located under <http://www.omg.org> or <http://www.rational.com/uml>. Since Oracle BPA Suite UML models are based on the standard and no official German translation of the standard exists at this point, model types (diagrams), object types, relationship types, and attribute types taken from UML have English identifiers, even in the German version (interface language: German).

The UML model types can be found in the control view of the requirements definition. The following model types are available: **UML Activity diagram**, **UML Class diagram**, **UML Collaboration diagram**, **UML Component diagram** and **UML Use case diagram**.

5.2 The UML Models

5.2.1 UML Class Diagram

The **UML Class diagram** model type maps the static relationships between model elements such as **class**, **object**, and **interface**.

Classes are defined in the **UML Class diagram**. These can be assigned the relevant **operations** (methods) and **attributes** via the **has member** relationship.

The quickest way to create has member relationships between a class already placed in the model and a new operation or a new attribute is as follows:

Click on the **Operation** or **Attribute** symbol in the modeling toolbar.

Move the mouse pointer over the desired class and click the left mouse button. The new object is placed underneath the class. As is usual in UML, the **has member** relationship created is invisible.

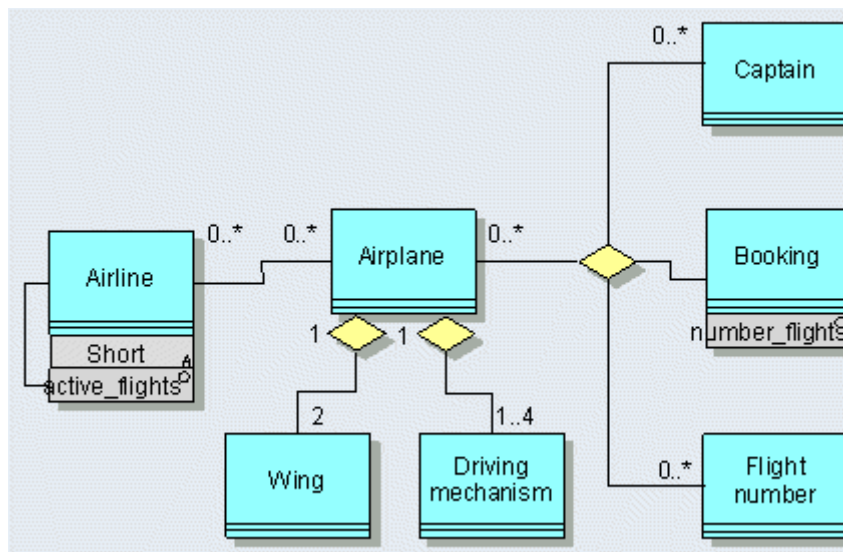
Additional important information on UML modeling support is located on the Content tab of the Oracle BPA Suite online help via the following path: Designer/Valuable Information/Models/UML Models.

The relationships that **classes** have with each other are modeled in the **UML Class diagram** with the **associates** connection. The connection occurs directly between two objects of the **Class** type for binary relationships. An inserted **association** depicted as a diamond-shaped symbol is used to connect multiple relationships. If the **Association** is itself a **class**, a link can be established with the **supplies properties for** connection. The multiplicity of **associates** connections can be specified in the **Multiplicity (Src) (= source)** and **Multiplicity (Trg) (= target)** attributes of the **associates** connection.

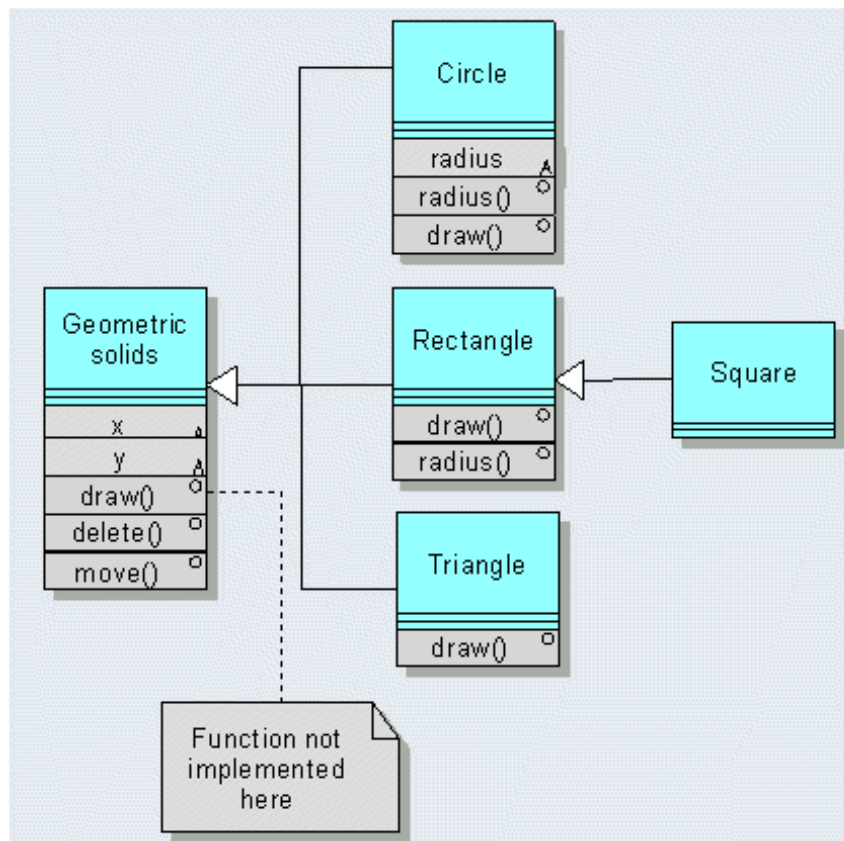
In UML, Aggregation and Composition represent special **associates** relationships. They are specified via an entry in the **Aggregation kind** attribute of the **associates** connection and represented by a small white (aggregation) or black (composition) diamond symbol at the end of the **associates connection**. shows examples.

The Association class, which represents an association with class properties, has been adopted from UML 1.4. Objects of the **Class** type can be assigned to an Association class by means of an **associates (multiple)** type connection. This concept can replace the association, class, and **supplies properties for** construct described above.

Figure 5–1 UML Class Diagram - Associations



The inheritance relationships between classes are represented by the **generalizes relationship** and expressed as a triangular symbol. **Attributes** and **operations** of a superior class are passed on to subordinate classes. illustrates an example.

Figure 5–2 UML Class Diagram - Inheritance Relationships

Additional model elements available in the **UML Class diagram** are **Packages** used for classifying model items, **Notes** for remarks, **Objects** for **Class** instances, and **Interfaces**. An **interface** depicts a **class** interface (**supports** connection). By calling the **interface** (**calls** connection), other **classes** use the **class** provided by the **interface**.

Other additions from UML 1.4 include:

- The Enumeration literal, which defines the possible enumerations of a class.
- The Parameter, which can be assigned to an operation as an Input/Output parameter.
- The Constraint object, which can be used to display restrictions for various model elements.

5.2.2 UML Use Case Diagram

In a **UML Use case diagram**, application cases (**use cases**) and the **actors** involved in the use cases are described. Actors are users who use an application system to perform their tasks. The UML Use case diagram describes a system's external behavior from the user's perspective. In Oracle BPA Suite, **actors** are depicted as special symbols of the following object types:

- Person type
- Application system type
- Person
- Position

- Group
- Organizational unit

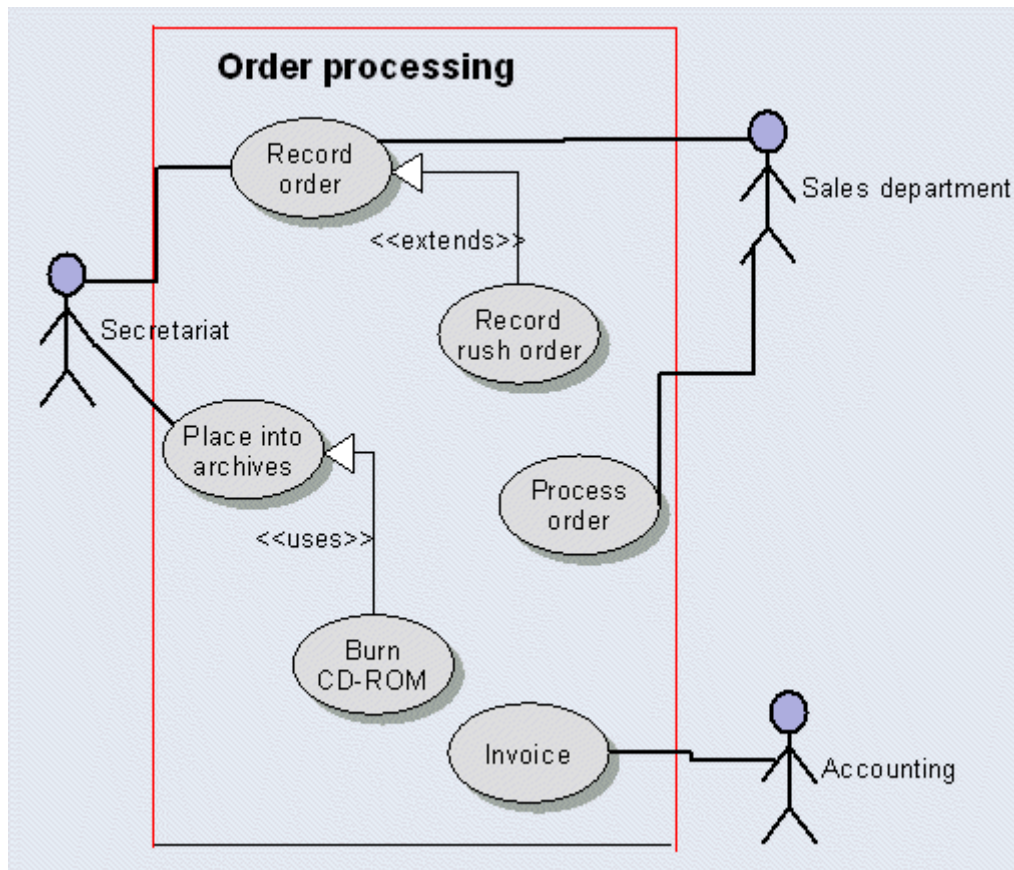
Actors and **use cases** can be associated with each other using **communicates with** or **can support** type relationships. Relationships of the **communicates with** type express the fact that the **actor** carries out the **use case**. Relationships of the **can support** type express the fact that the actor may be called upon to help carry out the use case.

Relationships between **use cases** are established with a **generalizes** relationship, whose connections are represented by a triangular head. The desired semantics can be assigned to the **Stereotype** attribute of this relationship. The UML standard suggests the **Extends** and **Uses** stereotypes to do this. **Extends** represents an extended relationship in which one **use case** extends the application of another **use case** (e.g., in exceptional situations). **Uses** represents a **uses** relationship. In this case, the **use case** uses the application case description of another **use case**, so that it can be reused. shows a typical model of a use case diagram. The **Package** and **Note** object types are also available in the **UML Use case diagram**.

The following model elements have been integrated from UML 1.4:

- Association, used to show association relationships between use cases and actors.
- Extension point, used to describe the extension options of a use case in more detail.
- Constraint, used to display the constraints for various model elements.

Figure 5–3 UML Use Case Diagram



5.2.3 UML Activity diagram

A **UML Activity diagram** describes the process as a sequence of activities. In UML, **activities** always refer to objects. Accordingly, activity diagrams are allocated to a **class**, an **operation**, or a **use case** and must describe the respective internal process.

Since **activity diagrams** are considered to be a special form of state machines, the sequence of an activity diagram must begin with an **Initial state** and end with a **Final state**. **Activities** represent a state with an internal action and one or more outgoing transitions. The transitions are represented by connections producing relationships between the **activities**. **Activities** may have simple relationships with other activities as well as multiple incoming and outgoing relationships:

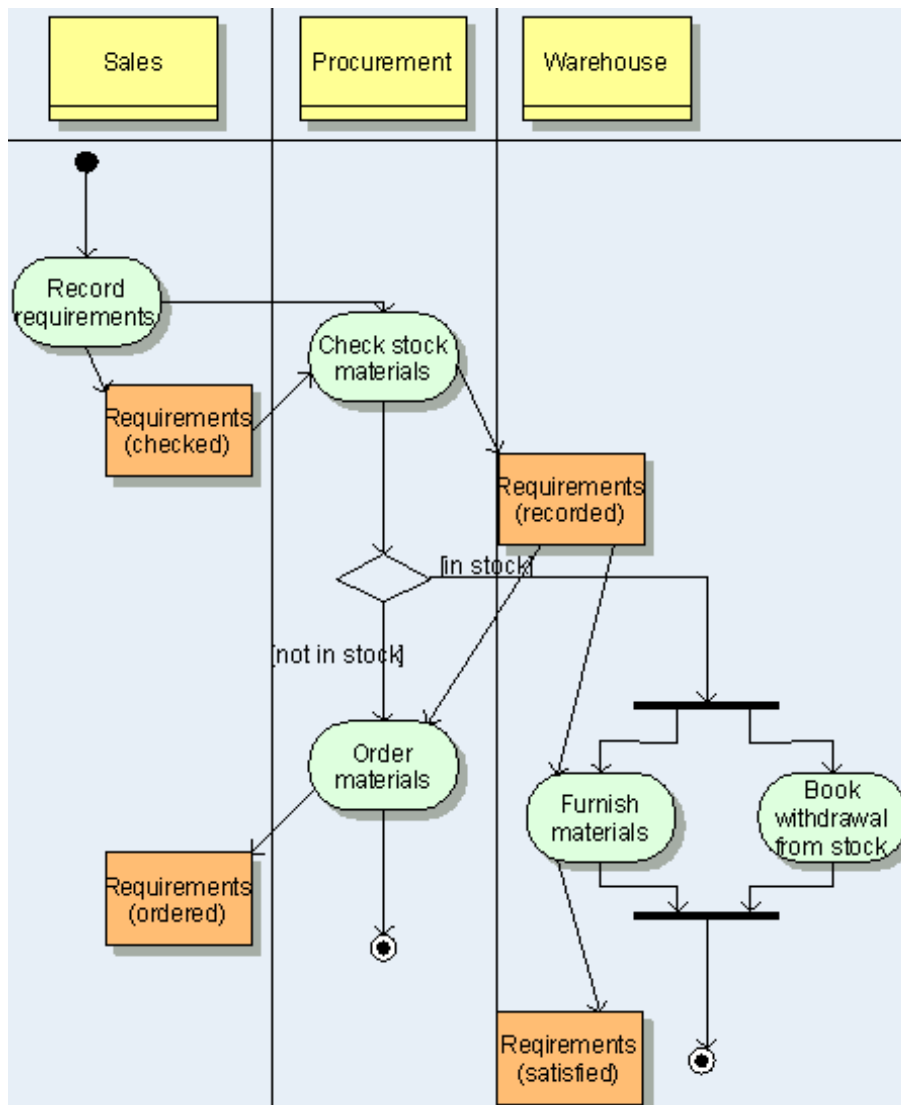
Several outgoing conditions can be formulated as **Decision** conditions (diamond). Modeling a condition with the **Decision** symbol is optional; alternatively, users could simply model several outbound connections. It is recommended that the condition in the **Connection role** attribute of the **is predecessor of** or **activates** relationship connections be maintained and shown in the model.

The **Split/Synchro** symbol (vertical or horizontal line) can be used to activate several subsequent **activities** at the same time, or to make the activation of an **activity** dependent on the transitions of several preceding **activities**.

Activities may assume specific object states and as a result create specific object states. Object states are represented by the **Object state** object type, which possesses **has input** or **has output** connections (dashed arrows) as relationships with **activities**.

UML depicts the organizational responsibility for executing **activities** using so-called "Swimlanes". A Swimlane is a column listing all **activities** for which an organizational unit is responsible. The Oracle BPA Suite **UML Activity diagram** includes a predefined table with two rows for this purpose. The organizational unit in charge (an **Internal person**, a **Position**, a **Person type**, an **Organizational unit**, or a **Group**) is placed in the top row; the bottom row is for **Decision**, **Split/Synchro**, **Object state**, and **Note**.

shows a **UML Activity diagram** with the relevant components.

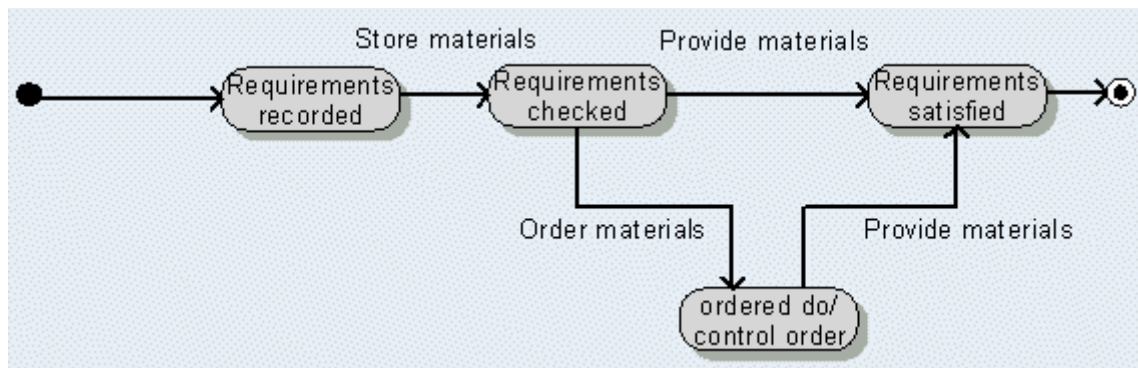
Figure 5–4 UML Activity diagram

5.2.4 UML Statechart Diagram

Like **UML Activity diagrams**, **UML Statechart diagrams** depict state machines and describe a similar situation. However, the **statechart diagram** focuses on object states. It describes the sequence of **states** that an object can assume in the course of its existence. Furthermore, it can contain actions related to the state. These actions either are prerequisites for the entry of a state (**entry/**), are executed during the state (**do/**), or are executed upon leaving the state (**exit/**).

The Oracle BPA Suite **UML Statechart diagram** provides the **State** symbol. State transitions, also called transitions, serve as directed connections (**has transition to**) to link the **states**. As with the **UML Activity diagram**, a statechart must begin with an **initial state** and end with a **final state**. shows a **UML Statechart diagram**.

Figure 5–5 UML Activity diagram



5.2.5 UML Collaboration Diagram

The **UML Collaboration diagram** represents the interactions between **objects** that occur in the form of message exchanges. **Objects** represent specific examples of **classes**. They are also called instances. Message exchange is modeled using an **interacts with** relationship. The exact meaning of an **interacts with** connection is provided by the occurrences of the **Condition**, **Message number**, **Operation** and **Parameter** attributes. These attributes function as follows:

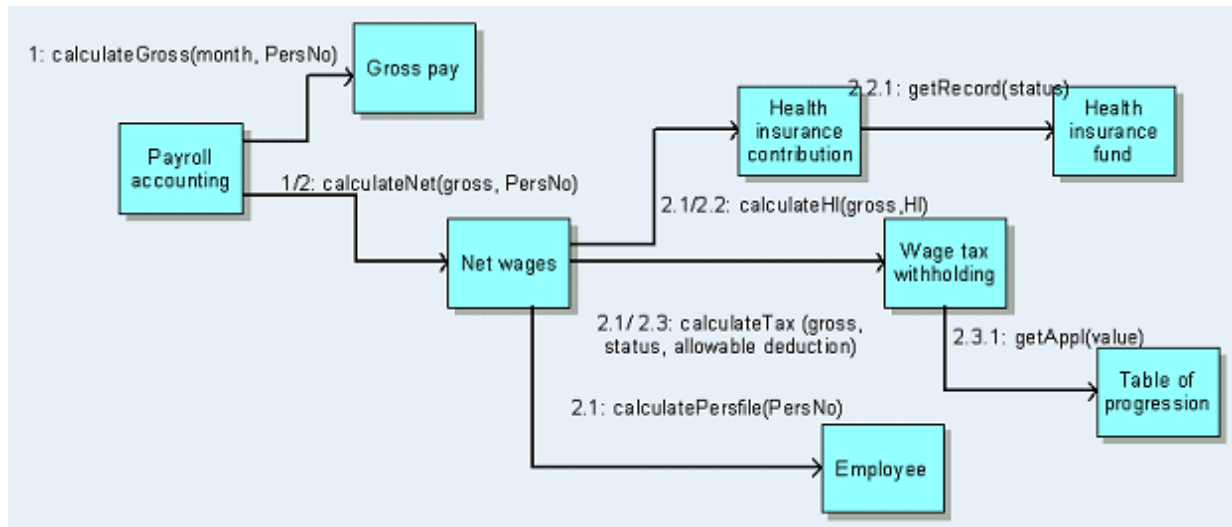
Condition: Indicates a condition in the form of other messages that must be sent before the current message can be sent. The other messages and their respective **message numbers** are indicated in list format. If no other prerequisite messages exist, the **condition** becomes unnecessary. Enter a slash (/) at the end to separate the **Condition** from the **Message number**.

Message number: A unique message number in the model. Messages are sorted in ascending order. If an operation currently processing a received message sends several additional messages, the old number is supplemented with a "subnumber" separated by a full stop (e.g., an operation receives message 3.4 and sends two messages with the numbers 3.4.1 and 3.4.2). Enter a colon (:) at the end to separate the **Message number** from the **Operation**.

Operation: Specifies the **operation** of the **class** of an **object** to be executed.

Parameter: Specifies the parameter list for the operation called. Enclose the parameter list in parentheses.

Place these attributes on the connection in the sequence specified.

Figure 5–6 UML Collaboration Diagram

5.2.6 UML Component Diagram

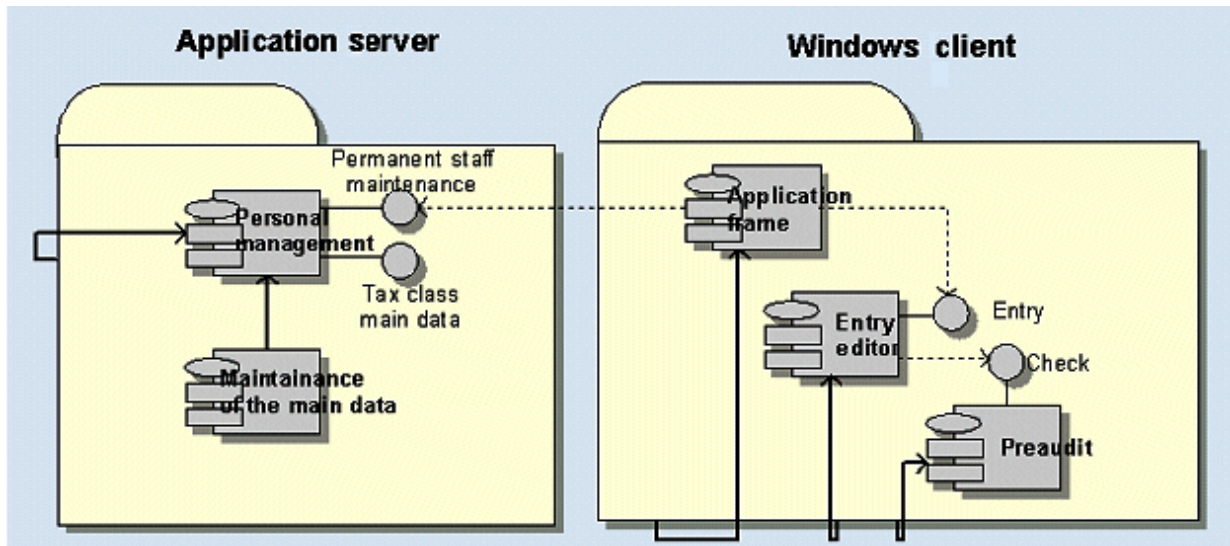
UML has the capability to depict in model form implementation-relevant aspects, such as the code structure (component) and the system runtime structure (deployment). Oracle BPA Suite provides the **UML Component diagram** for this purpose.

Components are items that form units at the time they are compiled or linked, or during system operation (e.g., executables). The first type of relationship between components represents the physical structure of the components. A component can be contained in another component. This is shown by a **contains** connection between the **components**. The second type of relationship between **components** is the call relationship. One component calls another via an **interface**, which is symbolized by a small circle. The **component** containing an **interface** is connected with a **supports** relationship (single dash), and the **component** using the interface is connected via a **calls** relationship (dashed arrow).

The component configuration can be specified during runtime (deployment). For this, the **components** are grouped and allocated to **packages** (also called nodes). Assignment follows by a **contains** connection between a **component** and its **package**. It is also recommended that the **components be placed** graphically in the **Package objects**.

shows an example of a UML Component diagram.

Figure 5–7 :Example of a UML Component Diagram



5.3 Integration of UML Models and Other Oracle BPA Suite Models

5.3.1 Fundamental Relationships between Models

The various models in Oracle BPA Suite are related to each other. In addition to direct modeling of connections between objects, modeling provides two basic mechanisms for depicting these relationships:

The first option is that the same objects can be used in different models. For example, the **Function** object type exists both in the **EPC** and the **Function tree**. The same object types may be depicted by different symbols and symbol names in different models. This is usually the case when icon depiction and name are required by one method (e.g., UML), but object types with the same semantics also exist in other model types. For example, functions (of the **EPC**, **Function tree**, etc.) and **Operations** (in the **UML Class diagram**) have different symbols, but they represent the same object type. Therefore, the same object may occur both as a **Function** and as an **Operation**. Its attributes are identical in all models. Identical objects can be created using Copy and Paste or by creating an object with the same name as an existing object (in the **Object Selection** dialog box).

The second option is to assign a model to an object (create the **object assignment** in the **Properties - Object** dialog box, **Assignment** tab). In principle, the object specification can be defined in more detail with the assigned model.

Conformity between UML and Oracle BPA Suite objects:

The object type identity of **Operation** and **Activity** is derived from the identity of the object types for **Activity** and **Function**, as well as **Operation** and **Function**. The same applies to **State** and **Object state**.

Relevant objects in UML diagrams can have the following assignments:

Table 5–1 UML Objects

UML Objects	Assignable Models
Class	Quick model, EPC (all forms), eERM, Technical terms model, IEF data model, OMT Class description model, OMT Dynamic model, Program flow chart, SeDaM model, UML Activity diagram, UML Class diagram, UML Statechart diagram, Access diagram, Access diagram (physical)
Operation/Activity/Function/Use Case	Quick model, DW transformation, e-Business scenario diagram, EPC (all forms), Function tree, Function allocation diagram, Industrial process, Information flow diagram, Material flow diagram, Office process, Program flow chart, Process selection matrix, RAD, Role diagram, System attributes, UML Activity diagram, UML Collaboration diagram, UML Use case diagram, PCD, PCD (material flow), Value-added chain diagram, Objective diagram
Attribute/ERM attribute	Quick model
State/Object State/Performance	EPC, EPC (material flow), Function tree, Industrial process, Product/Service exchange diagram, Performance exchange diagram (graphic), Product/Service tree, Product/Service tree (graphic), Office process, Product selection matrix, Product tree, Product allocation diagram, Process selection matrix, UML Statechart diagram
Package	UML Activity diagram, UML Class diagram, UML Collaboration diagram, UML Component diagram, UML Statechart diagram, UML Use case diagram
Actor/Person type/Application system type/Organizational unit/Group/Person/Position	Application system type diagram, Quick model, Yearly calendar, Organizational chart, Program flow chart, Program flow chart (PF), UML Class diagram, UML Component diagram, System attributes, Shift calendar, Knowledge map, Access diagram
Decision/Split/Synchro/Rule	Rule diagram

5.3.2 Relationships between UML Models

This chapter describes the recommended relationships for the possible connections.

5.3.2.1 UML Class Diagram and UML Activity Diagram

The **class** of a **UML Class diagram** or **UML Class description diagram** can be assigned a **UML Activity diagram** to model an internal process. The **operations** of the **class** can then be used as an **activity** in the **UML Activity diagram**. A **UML Activity diagram** can also be assigned to an **operation**.

5.3.2.2 UML Class Diagram and UML Statechart Diagram

The **class** of a **UML Class diagram** or **UML Class description diagram** can be assigned a **UML Statechart diagram** for modeling individual **states** of the **class**. The **states** of the **UML Statechart diagram** can be identical to the **Object states** of a **UML Activity diagram** that is also assigned to the **class**. The **Operations** of the **Class** or the **Activities** of the **UML Activity diagram** should be maintained as values for the Connection role attribute of the connections (**has transition to**) between the **states**.

5.3.2.3 UML Class Diagram and UML Collaboration Diagram

UML Collaboration diagrams show the interaction between object instances (**object**). Therefore, modeling the relationships of the **objects** to the object classes (**class**) of the **UML Class diagrams** is recommended. For this purpose, a relationship needs to be created using a **has instance** connection between a **class** and the respective **objects** in the **UML Class diagram** or **UML Class description diagram**. After its allocation between class and instance, the **object** can be used in a **UML Collaboration diagram**. The names of the operations in the specification of the **interacts with** connection (**Operation** attribute) between the **objects** must be defined as an **operation** of the associated **class** in a **UML Class diagram** or **UML Class description diagram**.

5.3.2.4 UML Use Case Diagram

The **use cases** of a **UML Use case diagram** can be organized hierarchically. They can consist of additional (sub-) use cases. This relationship is enabled by the assignment of a **UML Use case diagram** to a **use case**.

A **UML Activity diagram** or **UML Collaboration diagram** can also be assigned to a **use case** to model the process.

5.3.3 Relationships to Other Oracle BPA Suite Models

Integrating UML's object orientation and the process orientation of business process modeling was the primary focus of our consideration of relationships to other Oracle BPA Suite models. Therefore, the integration of the **UML Class diagram** in the event-driven process chain (EPC) deserves special emphasis. The **EPC** is used for modeling processes, particularly in connection with business processes. A detailed description is located in: IWI vol. 144 - Loos, P., Allweyer, Th.: **Process Orientation and Object-Orientation - An Approach for Integrating UML and Event-Driven Process Chains (EPC)**, Publication of the IWI, Saarbrücken 1998, <http://www.iwi.uni-sb.de/iwi-hefte/heft144.zip>.

5.3.3.1 UML Class Diagram and EPC

The **EPC** contains many object types that are also used in UML models. In addition, as described in chapter , some objects in the **EPC** are of the same object type as the UML objects, only different symbols are used.

Classes can be used in an **EPC** using the **is input for** and **has output** connections as an information source and information target for **functions**. If a less or more detailed description of input and output is desired, the input and output relationship from **function** can also be created to **package** and **attributes**. Thus, no physical reading or writing is depicted, but subject-related creation or use of information.

A **function** can be implemented using one or more **operations of a class**. To do this, **functions** and **operations** may be connected with the **calls** connection or, because of object type identity, **functions** may be used directly as **operations** in the **UML Class diagram**.

An **EPC** can be used to describe the processing sequence within a **class** or an **operation**. **EPCs** can be assigned to both object types for this.

5.3.3.2 UML Statechart Diagram and EPC

The **states** in the **UML Statechart diagram** can be used in an **EPC** either as an **Object state** symbol or as a **Performance** symbol. These symbols can be assigned to the **functions** using the **has output of** and **is input for** connections. Because **events** can also represent object states, there may be semantic redundancy if all object states are modeled in an **EPC**. If both the **event** and the **object state** or **performance** are to be modeled despite this, semantic equivalency can be represented using a **corresponds to** connection.

5.3.3.3 UML Use Case Diagram and EPC

Users who wish to use **UML Use case diagrams** can make the connection to the **EPC** processes in two ways:

Describe the process in a **use Case** with an **EPC** that is assigned to the **use case**.

Specify the **function** of an **EPC** in more detail using a **UML Use case diagram**. The **UML Use case diagram** is assigned to this function.

When you model **actors** in a **UML Use case diagram**, it is important that the object type identity of **actors** and the various organizational elements and the application system type are used to ensure consistency with the procedural organization in the **EPC** organizational structure (e.g., in the **organizational chart**).

5.3.3.4 UML Activity Diagram and EPC

The process description contained in a **UML Activity diagram** can also be described with an **EPC**. This has the advantage of allowing the full potential of the **EPC** to be exploited. If both model types are used redundantly to represent the same factual information, the redundancy should be kept to a minimum by the use of the same objects in both models (e.g., **Organizational unit**) or by using object type identity in the case of different symbols (e.g., **Activity** and **Function**). Content can be copied (using **Copy and Paste**) from the **EPC** to the **UML Activity diagram** and vice versa, making it easier to handle both models simultaneously. The symbols for **Activity** and **Function** change automatically when copied. However, model content can be copied only into object types that are available in the other model type. Because the **EPC** has a large number of object types, a large portion of its modeled semantics (e.g., all information carriers such as **File**, **Document** and **Expertise**, and the detailed organization allocation of **functions**, etc.) may be lost in a transfer to a **UML Activity diagram**.

5.3.3.5 UML Class Diagram and eERM

If information systems for requirements definitions designed with an object-oriented perspective need to be implemented using relational database management systems, the data structures can be modeled most effectively with entity relationship models in the **eERM**. For this, **classes of UML Class diagrams** can be assigned with **eERMs** and the **ERM attributes can be reused as attributes to describe the class**.

5.3.3.6 UML Use Case Diagram and EPC

If **UML Use case diagrams** must be used in conjunction with an **EPC**, the recommended procedure is to model the process within a **use case** by assignment of an **EPC**.

Methods for Knowledge Management

6.1 Introduction

The objective of knowledge management is the systematic control of knowledge, an increasingly important company resource. It encompasses development, monitoring, support, and improvement of strategies, processes, organizational structures, and technologies for effective knowledge processing within a company. This includes all activities relating to acquisition, preparation, transmission, and utilization of knowledge. These knowledge management activities generally do not occur in isolation; they occur primarily in the operational and scheduling business processes of the company. Hence, an integrated view of business processes, knowledge processing, organizational structures, information systems, etc. is needed.

Most of these aspects can be depicted using older ARIS Methods (e.g., EPCs, organizational charts, function allocation diagrams, eERMs, etc.). However, if we want accurate representation, analysis, and improvements of knowledge management, we need additional means of representation to identify and structure the content of relevant knowledge categories, to describe the distribution of knowledge within an organization, and to model knowledge creation and utilization in business processes.

For this reason, two new object types, **Knowledge Category** and **Documented Knowledge**, and two new model types, **Knowledge Structure Diagram** and **Knowledge Map**, have been added. Furthermore, existing model types for the representation of business processes (EPC, PCD, Office Process, etc.) were extended to include constructs for handling knowledge creation and utilization. The new object and model types are fully and methodically integrated into the most important model types of the requirements definition (such as, eERM, organizational chart, and function tree models), ensuring an integrated perspective. For example, this would enable models from a business process optimization project to be used to analyze and improve knowledge management. The knowledge structure diagram is located in the requirements definition data view. The knowledge map, like the extended model types for business process modeling, is situated in the requirements definition control view.

6.2 Object Types for Modeling Knowledge Processing

6.2.1 Knowledge category

The **Knowledge category** object type, represented by an oval thought bubble (see), illustrates an object with content referring to specific knowledge. Examples of

Knowledge categories include project management knowledge, specific industry knowledge, specific technology knowledge, customer and competitor knowledge, etc. These categories assist in classifying the knowledge a company possesses or needs.

Knowledge placed in a particular knowledge category could be implicit knowledge, that is, knowledge that cannot be fully documented, employee or group knowledge in the form of skills, or explicit knowledge that can be documented in the form of a description or technical drawing. Knowledge categories often contain both. For example, project management knowledge could include both project managers' experiences and tips in a project management handbook.

In addition to general attributes like Description, Remark, Source, etc., the following specific attributes serve to describe knowledge categories in more detail:

Table 6–1 Attribute Name

Attribute Name	Value Range	Description/Example
Updating frequency	Enumeration type: hourly, daily, weekly, monthly, annually, seldom, never	The updating frequency describes how often the knowledge of the relevant category must be refreshed to be up-to-date. For example, basic trigonometry knowledge needs to be refreshed rarely or, for practical purposes, never, whereas knowledge of certain stock prices must be updated daily or even hourly.
Significance	Percentage: 0..100	The significance of the knowledge category for the company can range from 0% (totally unimportant) to 100% (extremely important).
Degree of coverage	Percentage: 0..100	The current degree of coverage for the relevant knowledge in the company can range from 0% (not covered at all) to 100% (maximum possible coverage). If the degree of coverage of a knowledge category is to be represented by a particular organizational unit or person, use the appropriate attribute of the disposes of connection type in a knowledge map.
Knowledge advantage	Percentage: 0..100	The relative lead of your company over the competition in terms of knowledge can range from 0% (the competition has the greatest possible advantage over your company) to 100% (your company has the greatest possible advantage over the competition).
Knowledge usage	Percentage: 0..100	The degree of utilization of a particular knowledge category can range from 0% (relevant knowledge not utilized at all) to 100% (optimal utilization of relevant knowledge).
Desired degree of coverage	Percentage: 0..100	The desired degree of coverage for relevant knowledge can range from 0% (not covered at all) to 100% (maximum possible degree of coverage).
Future significance	Enumeration type: sharply falling, falling, stable, rising, sharply rising	Future significance depicts the expected tendency of a knowledge category to change in significance for the company.
Structural change speed	Percentage: 0..100	The structural change speed is a measure of how quickly the methods applied to acquire relevant knowledge must change (0%: no change, 100% maximum change speed).

These attributes are used to assess the relevant **Knowledge Category** in terms of the company. They can therefore be used as a basis for identifying important or urgent measures to improve your own knowledge management. It is often helpful to display such values graphically. Copying and pasting the values from the **Attributes** window into a table calculation program that can create the desired models is a simple way to do so. For example, a bar graph comparing the current and desired **Degree of coverage** for the **Knowledge categories** under consideration could be generated.

6.2.2 Documented knowledge

Unlike the **Knowledge category** object type, which can include implicit and explicit knowledge, the **Documented knowledge** object type concerns itself exclusively with **Knowledge categories** that are explicitly documented, or are at least capable of being

documented in principle. An example of this type of knowledge is knowledge on using software that is documented in a manual. When categorizing knowledge into knowledge categories, differentiating between general knowledge categories and documented knowledge helps to identify the possibilities and limitations of information system support for knowledge processing, as only documented knowledge can be electronically stored, transmitted, and processed.

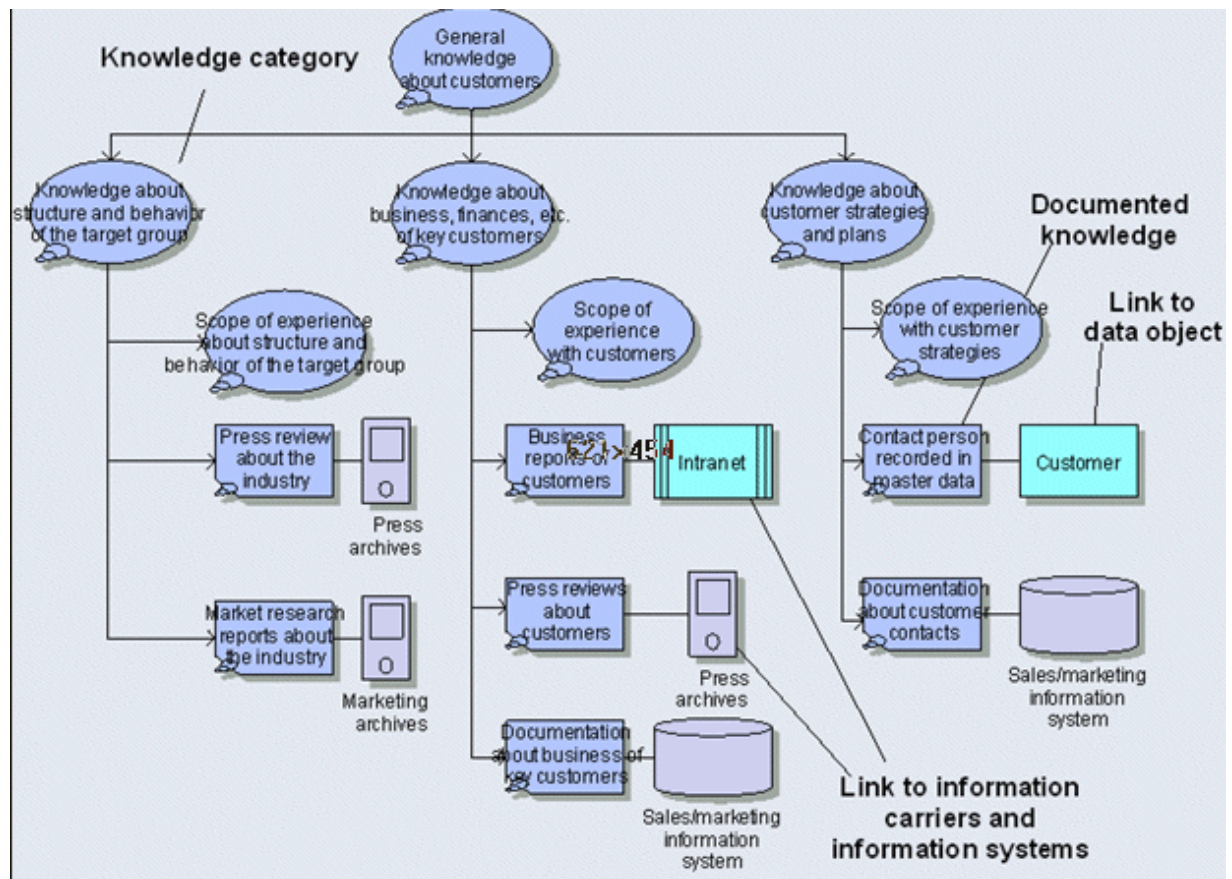
The **Documented knowledge** object type is indicated by a rectangular thought bubble. It contains the same specific attribute types as the **Knowledge category** object type (see page -).

6.3 Model Types for Modeling Knowledge Processing

6.3.1 Knowledge structure diagram

Using a knowledge structure diagram, knowledge categories can be placed into subgroups based on their content. An example of this is shown in . A knowledge category can include other knowledge categories as well as documented knowledge. Documented knowledge can also be divided into several documented knowledge subcategories. However, it cannot include any general knowledge categories.

Figure 6–1 Knowledge structure diagram

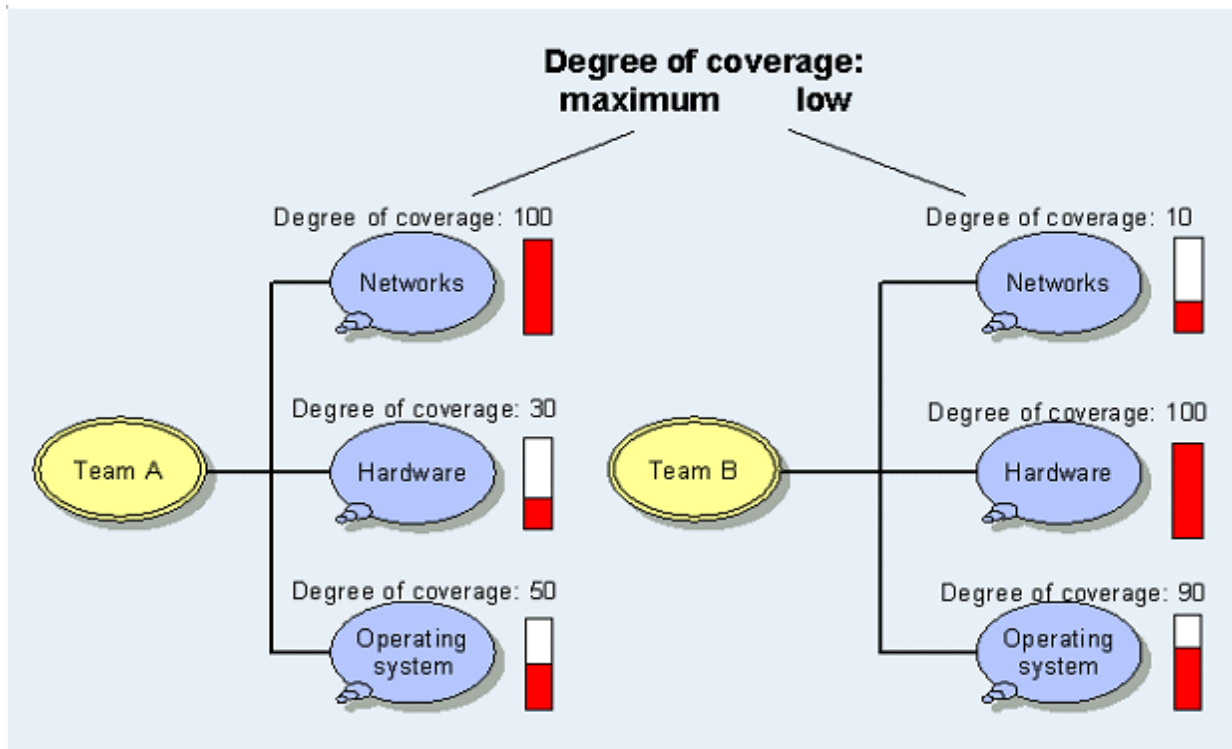


For documented knowledge, a knowledge structure diagram can show the information media on which the knowledge is documented, or which information objects in a data model or classes of an object-oriented system are used to document this knowledge. Finally, the types or classes of application systems that are used to manage the knowledge can also be modeled.

6.3.2 Knowledge map

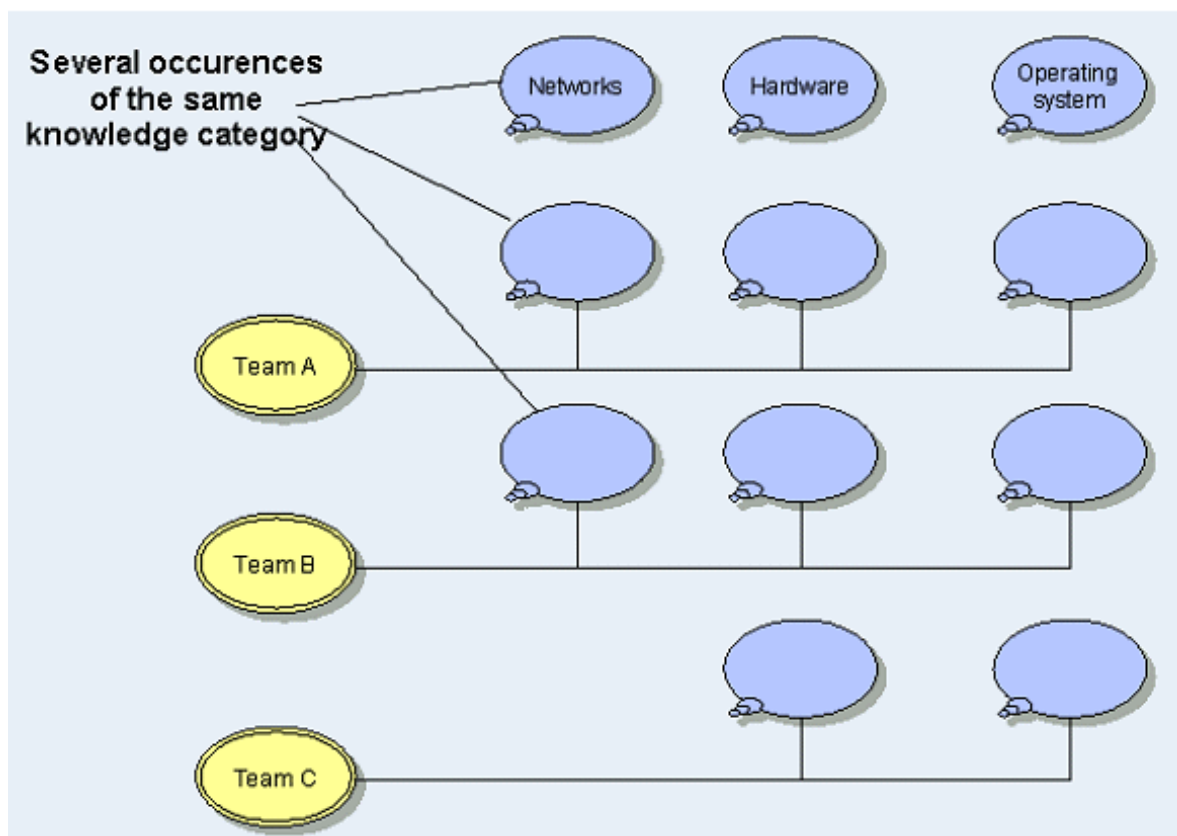
A knowledge map depicts the distribution of various knowledge categories within an organization. Various object types in the organizational view (e.g., Organizational Unit, Position, Person, Location, Group) can be connected to knowledge categories using **disposes of** connections. In addition to the fact that a particular person or organizational unit has knowledge in a particular category, the degree of coverage can also be specified. The **disposes of** connection contains the **Degree of coverage** attribute, which can express the degree of knowledge coverage in the selected category for the relevant organizational unit as a percentage. A value of 100% stands for maximum coverage, and a value of 0% means that absolutely no knowledge in the category mentioned exists. This is equivalent to a completely non-existent connection. In addition to this quantitative measure, it is possible to view a qualitative evaluation in the form of a graph. This is the purpose of the **Coverage quality** connection attribute, which can assume the values of **Low**, **Average**, **High**, and **Maximum**. This information can be viewed using graphic symbols on the connections as shown in . There is no direct connection between the values for the **Degree of coverage** and **Coverage quality** attributes. If both attributes are used, it is advisable that the qualification **low** be used for a degree of coverage of up to 25%, **average** for 25-50%, **high** for 50-75%, and **maximum** for 75-100%.

Figure 6–2 Knowledge Map - Relating to Organizational Units



The knowledge map shown in has a structure that is organizational unit-oriented, i.e., all relevant **Knowledge categories** are given for each organizational unit. Of course, it is also possible to select the **Knowledge categories** as the central view and model the relevant organizational units around them. The navigation options in Oracle BPA Suite (**Relationships** tab in the **Properties - Object** dialog box) make it easy to find the other connections for an organizational unit or **Knowledge Category** in both cases. A matrix representation is often used for knowledge maps. The matrix representation can be achieved by arranging several occurrences of the same knowledge category in column format as shown in . In this example, only the names of the **Knowledge categories** displayed at the top are given, much like in the header of a table. For the other occurrences, the name above the attribute placement is omitted. This figure also shows an alternative visual representation for differing degrees of coverage: the **Knowledge categories** are scaled in different sizes.

Figure 6–3 Knowledge Map - Matrix Representation



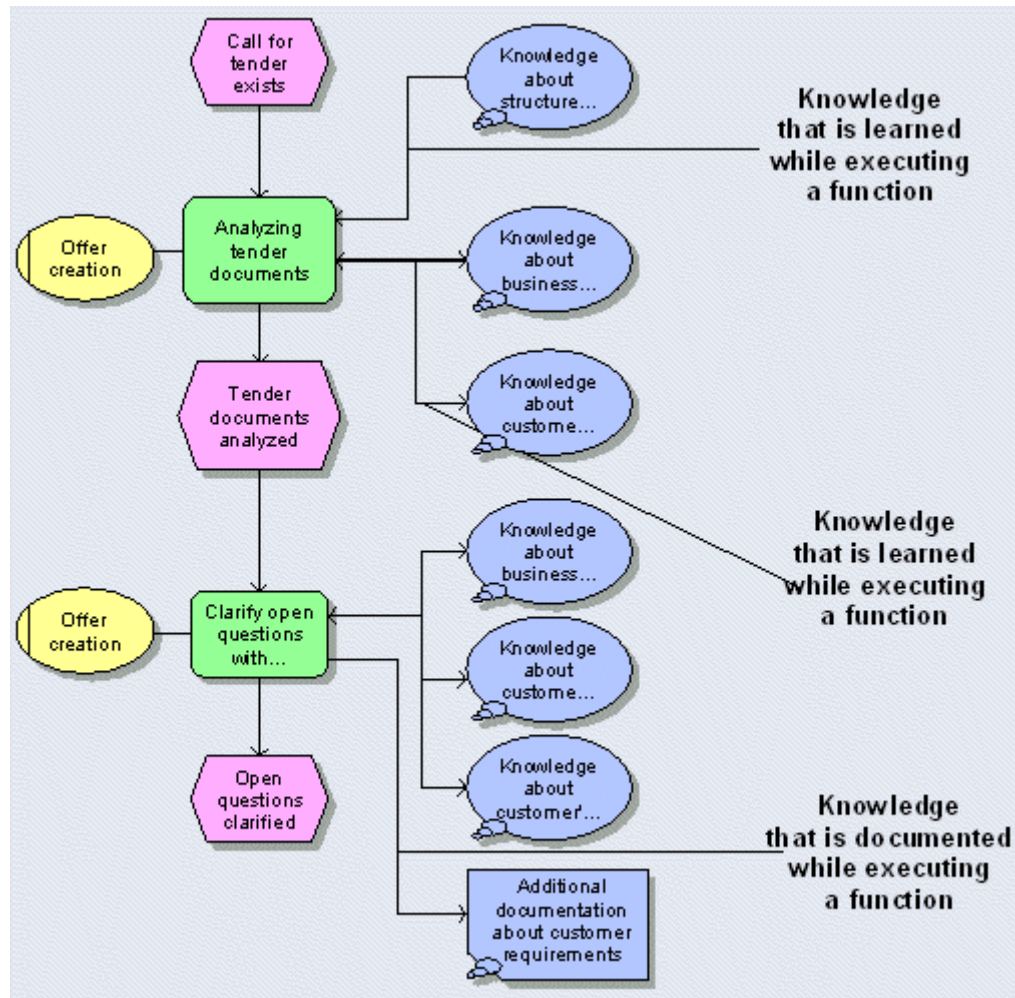
When allocating knowledge categories to specific employees, be aware that the collection, documentation, and particularly the electronic processing of such employee-related data are subject to many restrictions due to laws and company agreements. These must be complied with when creating, using, or distributing this type of knowledge map.

6.3.3 Representation of Knowledge Processing in Business Processes

The utilization and creation of knowledge in the company's business processes is modeled with the model types for the representation of business processes (EPC, EPC (material flow), Office process, Industrial process, PCD, PCD (material flow)). The **Knowledge category** and **Documented knowledge** object types are now available in

these model types. It is possible to specify which kind of knowledge (general or documented) is necessary to perform a function and note which knowledge is created and/or documented when the function is actually performed. This type of representation allows business processes to be studied in terms of the knowledge processing involved. For example, gaps in necessary knowledge can be discovered. Besides, the qualification profile needed to perform a function can be determined.

Figure 6–4 Knowledge Processing in an EPC



Use Case Scenarios

The purpose of this chapter is to assist you in finding the right Oracle BPA Suite support for specific business management problems. Therefore, the chapter has been divided into use case scenarios (subchapters).

For each use case scenario the meaning of each scenario or the activities that are normally performed in the respective scenario are briefly described. Subsequently, typical tasks occurring in the scenario are described. For each task it is shown how ORacle BPA Suite can be used to solve the task.

The following table gives an overview of the use cases described along with the model types used:

Table 7–1 Scenario

Scenario	Scenario Tasks	Model Types
General company documentation (see page -)	Documentation of business objectives Documentation of the company's value added Documentation of the organizational structure Documentation of company functions Process documentation Process warehousing	Objective diagram Value-added chain diagram Organizational Chart Function tree Office process Industrial process EPC PCD
Database management/data warehousing (see page -)	Data structuring/database design Database administration/access administration	ERM SeDaM IE data model Relations diagram Table diagram Class diagram Class description diagram
Groupware (see page -)	Integration of Lotus Notes and Oracle BPA Suite	
PC hardware and network management (see page -)	Identification of IT infrastructure requirements Documentation of IT infrastructure Access privileges	Network topology Network diagram
Process cost management (see page -)	Description of process and organizational structures Cost center analysis Process calculation	EPC PCD Organizational Chart CD diagram Cost category diagram
Quality management (see page -)	Development of QM documentation Certification procedure Certification documents	Product tree Product Selection Matrix EPC PCD Office process diagram Industrial process diagram Value-added chain diagram Structuring model Organizational Chart
Reorganization measures (see page -)	Project documentation Reorganization implementation	Value-added chain diagram EPC Organizational Chart Product model Performance model Objective diagram PCD

Table 7–1 (Cont.) Scenario

Scenario	Scenario Tasks	Model Types
Software development and introduction (see page -)	Project documentation Specification of application systems and modules Description of IT processes System interface development	Value-added chain diagram Organizational Chart EPC Use case diagram Application system diagram Application system type diagram Program flow chart Screen diagram
Knowledge management (see page -)	Knowledge map or yellow page Categorization of knowledge Processing knowledge in business processes	Knowledge map Knowledge structure diagram EPC PCD Office process Industrial process Function allocation diagram
Workflow management (see page -)	Process customizing of workflow management systems	Privileges diagram EPC Function allocation diagram Application system diagram Application system type diagram

7.1 General Company Documentation

Company characteristics, such as processes, structures, and data can be documented in suitable form for training, presentation, and evaluation purposes of any kind. The most important tasks of company documentation are briefly described below.

Task: Documentation of business objectives

Oracle BPA Suite support: Objective diagrams can be used for hierarchical alignment of business objectives and associated critical factors.

Task: Documentation of the company value added
The identification of the functions involved in value-added activities of a company is the basis for many corporate decisions.

Oracle BPA Suite support: The company functions involved in adding value can be displayed using the value-added chain diagram. This model demonstrates the sequence of consecutive functions, as well as superior and subordinate functions.

Task: Documentation of the organizational structure

Oracle BPA Suite support: The structure of an enterprise can be documented with organizational charts showing the hierarchy and relationships of organizational units.

Task: Documentation of company functions

Oracle BPA Suite support: A function tree can display an overview of a company's individual functions. The functions are divided into object-oriented, process-oriented, or execution-oriented functions.

Task: Process documentation

Oracle BPA Suite support: Depending on the industry sector or process type, business processes can be recorded in Office process or Industrial process diagrams without you having to resort to methods knowledge.

Task: Process warehousing
Process warehousing is the systematic recording, storage, and maintenance of business process knowledge in a repository.

Oracle BPA Suite support: For the modeling of process knowledge in decentralized units, we recommend the use of Office and Industrial process diagrams, since operational employees generally do not have methods expertise. On the other hand, for maintenance and administration in the central model repository, we recommend converting the models into EPCs, enhanced by documents, images, and videos, so that the models can be used in more demanding evaluations, such as simulation or process cost management.

7.2 Database Management/Data Warehousing

By storing company data in databases, redundant data storage is reduced and program-independent access to data used across the company is enabled. Data warehousing ensures quality, integrity, and consistency of the underlying data. The term "data warehouse" generally designates a database isolated from the operational IT systems and serving as a company-wide data basis for all forms of management support systems. It is characterized by strict separation of operational and decision-supporting data and systems. The focus of the data warehouse concept lies in efficient provision and processing of large amounts of data to carry out evaluations and analyses in decision-relevant processes.

Task: Data structuring/database design The structure of databases is determined by the underlying data models.

Oracle BPA Suite support: The most widely used method of data modeling is the entity relationship model (ERM), which serves as the basis for the implementation of a relational database. Product and/or company-specific modifications of the ERM are the SeDaM (semantic data model) as a notation by BASF AG, and the IEF data model (information engineering facility) for data modeling of the CASE Tool by Texas Instruments Inc. For a concrete description of logical data structures the relations diagram can be used, which is based on the data structures designed in the ERM. The tables and fields of a database system are described by the table diagram. Object-oriented database systems can be designed using the Unified Modeling Language (UML) or the Object Modeling Technique (OMT). In UML, the class diagram can be used to show the static data relationships, while the class description diagram enables an additional representation of attributes, objects, interfaces, etc.

Task: Database administration/access administration Assignment of users and system administrators to database systems.

Oracle BPA Suite support: The access diagram can be used in conjunction with relations and system components to determine the access privileges that organizational units, positions, and people have for the database system.

7.3 Groupware

Groupware is a technology that supports working in a team. An important characteristic of groupware is that a group of users completes jobs jointly and uses software to work on them in an organized way. A distinction is made between workgroup computing (coordination of workgroups), collective writing (compiling of joint documents), and group decision support systems (decision-making support for groups).

Task: Integrating Lotus Notes and Oracle BPA Suite The Oracle BPA Suite and Lotus Notes systems are suitable for different types of documentation. While the advantage of Oracle BPA Suite lies in its ability to display the connections between different aspects, such as processes or organizational structure in a simple and convenient way using graphics, and to provide comprehensive analysis procedures, Lotus Notes allows the user to efficiently manage complex text documents, such as work instructions and forms. It is advisable that you use and integrate both forms of documentation.

Oracle BPA Suite support: With **Oracle BPA Suite - Lotus Notes Connectivity**, it is possible to refer to a related document, view, or database in Lotus Notes using a link from any object, model, group or database in Oracle BPA Suite. For certification and training purposes, it is advisable that process descriptions be maintained in Oracle

BPA Suite and work instructions and forms in Lotus Notes. For managing Oracle BPA Suite models, you can use the Lotus Notes cataloging and retrieval function.

7.4 PC Hardware and Network Management

Network management is the control, monitoring, and coordination of all (distributed) resources (data networks, processors, data, and applications) that enable communication in a computer network.

Task: Identification of IT infrastructure requirements Based on an existing organizational structure, communications and information system infrastructures to support it efficiently are derived.

Oracle BPA Suite support: The requirements of the organizational structure of information systems can be mapped using the network topology model type. The representation of application systems, network types, and hardware components does not consist of individually identifiable specimens (e.g., PC with inventory number 3423), but it is a typification according to similar technology.

Task: Documentation of IT infrastructure The task is to display an existing or planned installation of an IT infrastructure with specific hardware components, networks, and application systems.

Oracle BPA Suite support: An IT infrastructure can be portrayed using a network diagram as a concrete implementation of a network topology.

Task: Access privileges The task is to demonstrate which applications and users have access to which data and in which way.

Oracle BPA Suite support: The access diagram can be used to describe which applications or application modules have what kind of access (write/read/modify) to data and information carriers, and if the data acts as input or output. Furthermore, it can depict which user privileges and views specific users or user groups have for the applications or application modules.

7.5 Process Cost Management

By recording and allocating the costs arising from the commercial provision of products and services, cost accounting provides a scheduling basis and a control instrument. Due to changes in the cost structures, in particular to the increase in overhead costs, traditional cost accounting methods are being replaced by process cost management. Process cost management determines the costs of processes across cost centers. Budgeting, cost transparency in the indirect performance areas, pricing, and support in make-or-buy decisions are the main advantages of process cost management.

Task: Description of process and organizational structures Determines the processes to which process cost management applies and describes cost centers.

Oracle BPA Suite support: Processes are mapped with standard model types (e.g., EPC and PCD). For process cost management, maintenance of time attributes and assignment of organizational units are important. The company organization is described in an organizational chart, in which the organizational units correspond to cost centers (with the **cost rate** and **performance** attributes).

Task: Cost center analysis

Oracle BPA Suite support: For cost center utilization, cost drivers defined in a CD diagram are available. The calculation can be performed for any number of cost categories. The cost category structure is depicted in a cost category diagram. In

addition, it is necessary to create a cost category table and a functions table, in which the objects to be analyzed are described.

Task: Process calculation

Oracle BPA Suite support: A complete cost center analysis with determination of process cost rates is a prerequisite. No additional models have to be maintained to perform process calculation. The results are shown in a calculation table.

7.6 Quality Management

The term "Quality Management" (QM) applies to all activities that define a company's quality policy, objectives, and responsibilities. The means for implementing these activities include quality planning, quality control (process management), quality assurance, and quality improvement (quality enhancement).

Task: Development of QM documentation To ensure the quality of products and processes within a company, adequate documentation has to be prepared that enables the company to evaluate, compare, and improve products and processes.

Oracle BPA Suite support: Product trees provide product documentation that enable efficient classification of products. This type of representation is increasingly used in the service industry and in public administration, in particular. Furthermore, the product selection matrix allows a company to represent which of its functions are required for the creation of which products, and which organizational units are responsible for production. Another main objective of QM documentation is to document processes that can be recorded by means of EPCs, PCDs or office and industrial processes, evaluated in reports, and refer to documents and applications within the company.

Task: Certification procedures The use of procedure models to support project management in the certification process according to nationally and internationally recognized standards, such as ISO or VDA.

Oracle BPA Suite support: A procedure model for certification (e.g., the Oracle BPA Suite procedure model) can be represented using a value-added chain diagram. The individual steps can be described in more detail by assigning additional process models.

Task: Certification documents Creation of quality documents required for certification.

Oracle BPA Suite support: The structuring model subdivides individual certification standards into their components. The individual items of a structuring model can be assigned to company models for quality control. For example, these models can be process models in the form of EPCs, office or industrial processes, organizational charts, or value-added chain diagrams.

7.7 Reorganization Measures

Reorganization measures for cost or time reduction, results quality or work quality improvement involve modification of business processes (process redesign) or their complete redevelopment (process re-engineering).

Task: Project documentation Documentation of planning, procedure, and results of reorganization measures.

Oracle BPA Suite support: The main project phases of the reorganization process can be described as a procedure model through a value-added chain diagram. The individual project activities of the reorganization project can be documented in their

processes by means of EPCs. Organization of people and units involved in the project can be displayed in organizational charts.

Task: Carrying out the reorganizationA reorganization project involves project preparation and strategic planning, followed by an analysis of the actual situation, development of the target plan, and finally implementation of the solutions.

Oracle BPA Suite support: Product/Service models as well as objective diagrams document general strategic conditions, so that the company's essential business segments can be recorded along with their products, services, and customer groups, and the critical success factors and the target hierarchy can be mapped. During the analysis of the actual situation, a framework containing the main business processes is developed using value-added chain diagrams. Based on employee interviews, these business processes are recorded in detail in the form of an EPC or a process chain diagram (PCD). The PCD is particularly suitable for identifying weak points caused by media breaks and changed process responsibilities.

Following a weak point analysis that takes into account throughput times, process costs, organizational breaks, systems and media breaks, data redundancies, etc., alternative target processes are defined. As with actual data, these processes are modeled using EPCs. To support implementation, system, organizational, and data components are described more specifically after the target plan has been concluded. For example, "Word processing" as an application system construct can now be specified as MS Word. Note: The weak point analysis phase can be supported by evaluations with **Oracle Business Process Simulator**.

7.8 Software Development and Introduction

Task: Project documentationThe documentation of planning, procedure, and results of software development or introduction.

Oracle BPA Suite support: The main project phases can be described as a procedure model through a value-added chain diagram. The individual project activities during the development and introduction can be documented by means of EPCs.

Organization of people and units involved in the project can be displayed in organizational charts.

Task: Determination of application systems and modulesThe task is to show the structural organization of an information system based on system requirements.

Oracle BPA Suite support: The use case diagram can identify the use cases of the software system to be developed. Furthermore, it allows the definition of system users and their assignment to individual use cases. Often, the use case diagram is the starting point for detailed process modeling. Process models can be assigned to individual use cases. The application system type diagram can describe the hierarchical structure of application systems using module types and IT function types. The application system diagram can be used for specifically describing the individual types using specific occurrences.

Task: Description of IT processesThe task is to describe the chronological-logical process within modules or across modules.

Oracle BPA Suite support: The program flow chart can be used to model IT processes.

Task: Development of the system interfaceThe task is to develop and document a user interface.

Oracle BPA Suite support: The geographical and functional organization of a screen (window) can be described with a screen diagram. As with the transition from ERM to a relations model, the program code can be derived from the screen diagram.

7.9 Knowledge Management

The starting point for designing comprehensive knowledge management is the assumption that knowledge has become or is becoming the dominant production factor in companies. This results in the need to understand knowledge as a controllable element, just like the classic operational production factors.

Therefore, knowledge management focuses on acquisition, representation, and distribution of knowledge. Knowledge management is the sum of all methods, measures, and systems used by an organization to develop knowledge, render it transparent, and provide it regardless of time, people, and location. The objective of knowledge management is to increase knowledge and to apply the knowledge base in the company in an optimal way.

Task: Knowledge map or yellow page The objective is to show what knowledge is available in the company and where.

Oracle BPA Suite support: The **Knowledge map** model type can be used to display the organizational distribution of different knowledge categories. It shows which organizational unit, position, or employee possesses expertise in certain knowledge categories, and the level of competence.

Task: Categorization of knowledge The task is to classify the intellectual capital of an organization analytically, i.e., to describe the different types and groups of knowledge to design a knowledge storage structure, for example.

Oracle BPA Suite support: The knowledge structure diagram can be used to show how the knowledge base of an organization is divided into different knowledge categories and how these are further subdivided into knowledge categories and documented knowledge. For documented knowledge, it is also possible to depict the information carriers where the knowledge is stored.

Task: Processing knowledge in business processes The task is to show where knowledge is generated, modified, and needed in the business processes to ensure the most efficient use of the knowledge resource.

Oracle BPA Suite support: Within the **EPC**, **Process chain diagram**, **Office process**, **Industrial process** and **Function allocation diagram** model types, the **Knowledge category** and **Documented knowledge** objects can be used. Structure and organizational distribution of knowledge can be described separately by means of the knowledge structure diagram and the knowledge map.

7.10 Workflow Management

In the broadest sense, a workflow can be interpreted as a business process. The term workflow describes processes based on the division of labor and initiated to carry out business transactions. This can include both very simple business processes and complex, cross-organizational processes. The focus of the analysis is dynamic process flow from start to finish. Workflow management is the sum of methods, measures, and systems used in order to develop, control, and optimize workflows.

A workflow management system is actively operating, flexibly designable software that works under an organizational framework of rules and controls a process spanning several workstations and integrating existing basic technical components. Process control systems can be used to support complex groups of tasks involving a large number of employees and positions.

Task: Process customizing of workflow management systems In particular, Oracle BPA Suite supports the transfer of general business process models into workflow models

that can be used to configure various workflow management systems (semi-) automatically.

Oracle BPA Suite support: The privileges diagram is used to describe which workflows (processes) exist and which people or groups of people may initiate them. As with process modeling, the EPC is used to depict the activity flow. It is key that you model in strict adherence to the method! A function allocation diagram has to be created for each function, where a user as well as input and output data are allocated to the function - if this has not already been represented in the EPC.

In order for the data-relevant applications to run automatically during runtime, an allocation of files to applications has to be modeled in an application system diagram or an application system type diagram.

E-Business Scenario Diagram

8.1 Introduction

The smooth sequence of inter-company business processes is gaining in importance. The focus is put on the execution of specific procedures at the interfaces interconnecting the companies as well as the companies and their customers. The contacts need to take place in a clear, quick, consistent, and direct manner.

Rapidly finding suitable business partners (from a corporate perspective) and providers (from a consumer point of view) is also of great relevance. An optimum arrangement of these processes results in a competitive advantage. The ideal platform for supporting these multilateral relations is the Internet. As the procedures within the environment described above are very complex, it is necessary to define what is meant by e-business.

Definition: E-business is a generic term for the use of information and communications technologies in support of a company's commercial activities. It includes supporting the relationships and processes between business associates, employees and customers through the use of electronic media (Herrmans, Sauter, 1999).

Thus, e-business can mean the creation of a Web site for a corporate presentation, the acquisition of an item via Internet, a highly complex project of two companies or the multilayered relationships between any number of business partners meeting in a marketplace.

It can be subdivided into the following concepts:

B2B (Business to Business)

Business to business describes the transactions taking place between companies. For example, this is enabled by linking the companies' supply chains.

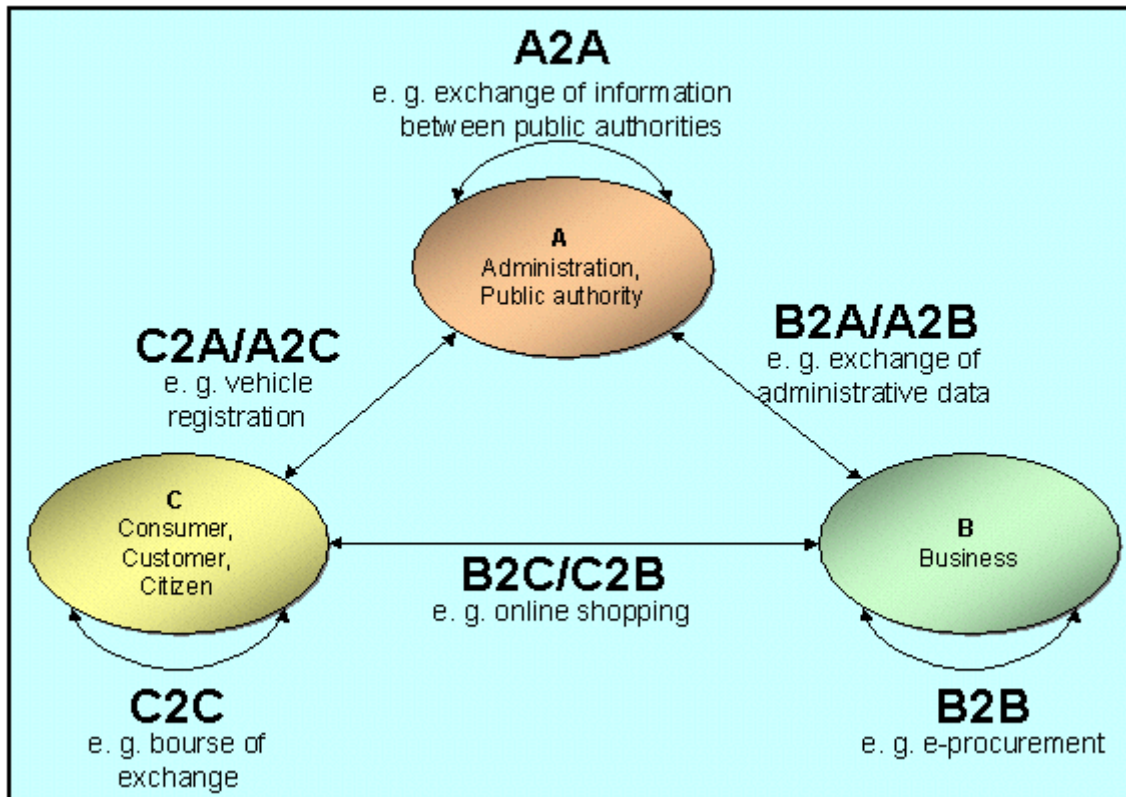
B2C (Business to Consumer)

Business to consumer describes transactions taking place between companies and their customers. For example, this includes purchases by customers in online shops.

B2A/C2A (Business/Consumer to Administration)

Business/Consumer to administration describes all transactions between companies or individuals and public administration. In particular, contacts between companies and administration is an area with great cost-cutting potential.

Figure 8-1 Transaction Options in E-Business



In addition to differentiating between several partners, a distinction can also be made regarding the scope of relationships between the various partners: one to one, one to many, many to many. Especially the marketplace scenario is of major significance.

Marketplaces

Electronic marketplaces are virtual places where any number of people buy and sell products and services (openly) and exchange information.

To support these scenarios, the E-Business scenario diagram was developed. In conjunction with other methods and various components supplied by Oracle BPA Suite, it enables optimal support of the implementation of e-business projects. This chapter on E-Business scenario diagrams first describes the method with all objects and evaluation possibilities and then goes on to discuss the connection to other methods. At the end of the chapter, a use case demonstrates the complex possibilities.

8.2 The Method of the E-Business Scenario Diagram

8.2.1 The Idea

The possibility of viewing a value-added chain in its entirety, i.e. from the end user to each of the companies involved in a procedure, provides a basis for developing optimization potential. The objective is, for example, the improvement of the supply chain, the lowering of procurement and distribution costs or the optimization of the information system architecture. The E-Business scenario diagram representation allows visualization of the content to be examined to attain the designated objectives. By selecting the type of column representation, the interfaces between very different

process partners are abstracted and mapped via the column borders. Various reports supplement the models and offer important analysis capabilities.

8.2.2 The Model and its Objects

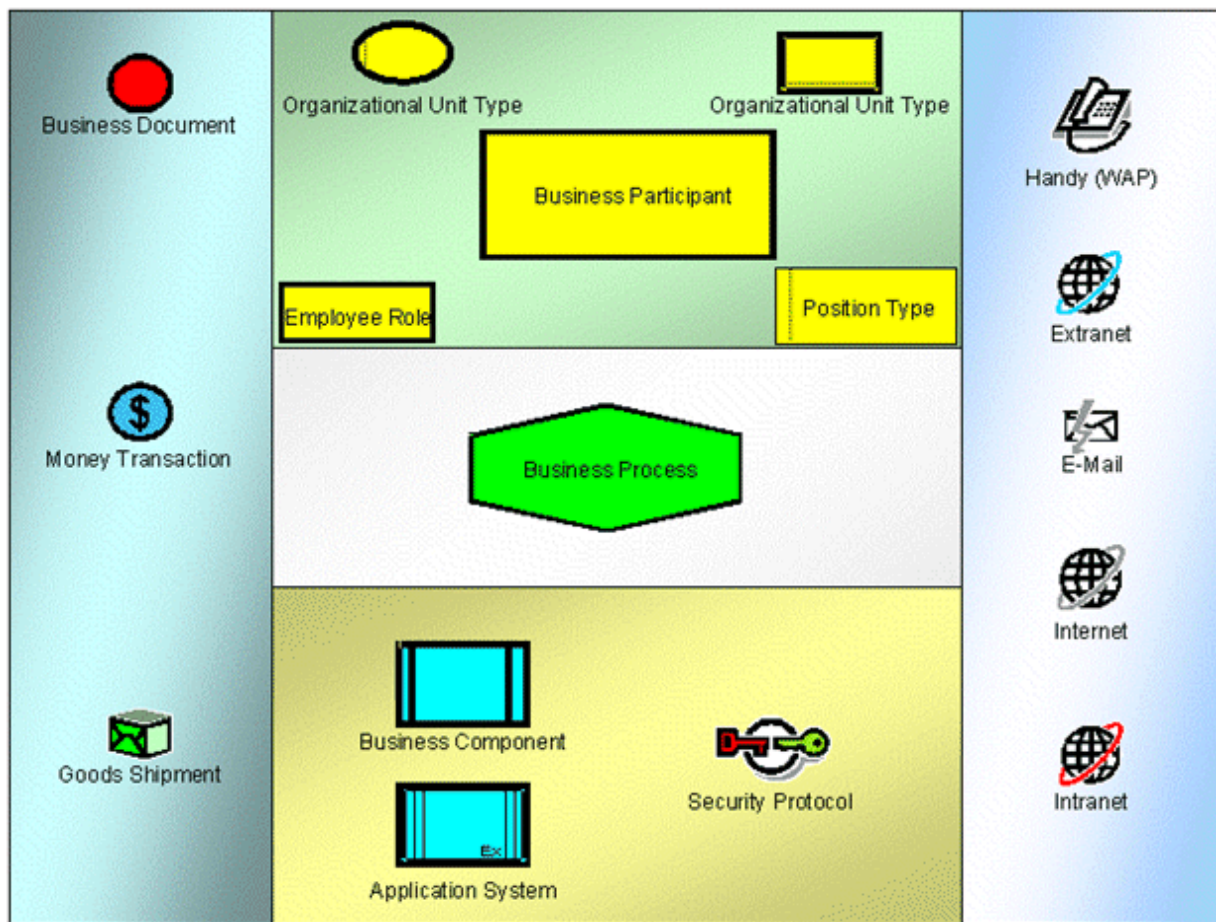
The business objects considered in the model are arranged in the header and referred to as **Business participants**. They originate in the organizational view and can be assigned by means of organizational charts that can, for example, clarify the company structure or the relationship between the objects of the individual columns.

A business object's individual processes participating in the overall process and the interfaces between them are the central and structurally relevant objects of the model. An individual process is a **business process** that plays an important role in inter-company cooperation. The assignment of a process model allows a more precise representation and analysis of such an individual process. All of the company's procedures are modeled in the row below the business participant, but in the same column. Inter-company coordination also requires precise analysis of **application systems** and hardware in use by the various business objects in support of their individual processes (e.g., the ERP systems). These elements are represented by **Business components**. To coordinate the different components, responsibilities for the systems need to be specified exactly. For this purpose, **Organizational unit type** objects are available. Even the roles of the employees involved in the process can be defined. These are referred to in the model as **Employee role**. The integration of interfaces is a particular challenge as regards e-business modeling in general. This is where the column borders become very important since they symbolize the interfaces between the process participants. They can be viewed from several perspectives.

One focus can be the transfer of process-specific information. That is the purpose of **Business documents**, which can assume the form of XML or HTML documents. The business document can have a data view model assigned, such as a document type definition. Alternatively, the flow of money or goods can be displayed using the **Money transaction** or **Goods shipment** objects.

Another important aspect: data security must be ensured, especially the security of electronic payments sent via the Internet. Different encoding techniques can be used for this purpose, e.g., SET (Secure Electronic Transaction) or SSL (Secure Socket Layer). The security aspect is observed with the integration of the **Security protocol** object. An **Organizational unit type** is also used to represent the persons responsible for securing transactions. Furthermore, it is possible to focus on analyzing a more technical aspect, namely the technical design of the data transfer at the interfaces. For this purpose, the model uses various information carriers. The individual processes can be linked via **intranet**, **extranet**, or **Internet**. Data transfer can take place by **e-mail**. The mobile phone is also gaining ground as a transmission medium.

Figure 8-2 The Objects in the E-Business Scenario Diagram



8.2.3 Transmission Type Attribute Group

Modeled objects can be further specified by maintaining their attributes. An attribute is especially tailored to meet the requirements of e-business.

Attention should be given to the **Transmission type** attribute group of the **Business document**, **Money transaction**, and **Goods shipment** objects. Maintaining transmission type attributes not only identifies the transmission path, but also expresses the need for securing the transaction. Taking an online transmission, for example, it is important not to omit the above-mentioned securing of confidential information and data.

8.3 Evaluations Using Reports

Several evaluation options provide support for modeling e-business scenarios. These evaluations are created in the form of reports. Oracle BPA Suite offers several predefined evaluation reports, but user-specific ones may also be possible. The following reports for e-business scenarios are provided.

8.3.1 Checking Data Security

The security of data transferred online is one of the most important issues influencing e-business acceptance. Protecting personal information or payments from access by

unauthorized persons is an issue that must be resolved in order to avoid loss of confidence of customers and associates. A report allows all products/services exchanged (Money transaction and Goods shipment) and all data (Business documents) in this regard to be verified. The **Transmission type** attribute group already mentioned is evaluated and, in the event that it is an online transmission, checked to determine if data encoding takes place. Thus, potential security gaps and obsolete encoding methods can be identified and eliminated.

8.3.2 System Support

A second important aspect in e-business projects is the harmonization of application systems. A company needs to consider many questions in this regard. Which processes must be supported by which systems? Who will be responsible for operating which systems? Where might training expenses be incurred? What adjustments of existing systems are necessary? Here too, the answers can be found in a report. The individual processes are listed together with the corresponding systems and the persons responsible for them.

8.3.3 Information Flow

In contrast to other process models, e-business scenarios focus on transactions. Special attention is given the data and services being exchanged. Therefore, evaluations are offered to monitor data and service exchange. The important question is what data and services are generated where, and where they are used. For this, there is a report that outputs the data and services modeled as well as the processes in which they are incorporated as input or output.

8.4 Connecting to Other Methods and Components

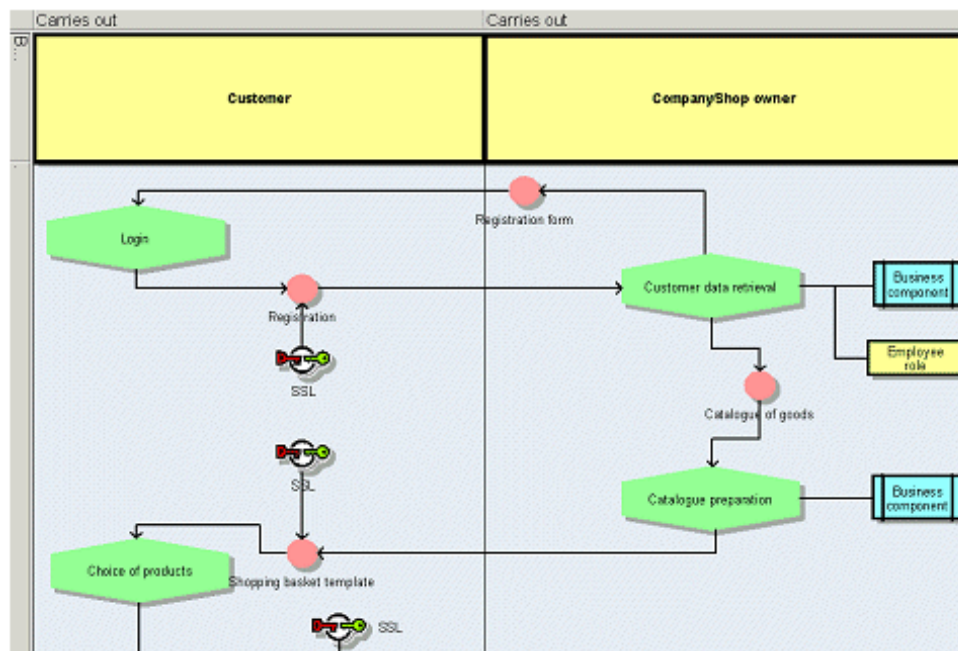
The various modeling methods in Oracle Business Process Architect allow the information in different views to be displayed and made available to various target groups with a special perspective. The e-business scenario is the starting point for these views. Its objects enable you to enter details for specific target groups. In this way, an e-business project can be represented in its entirety. In addition, the various Oracle BPA Suite components enable you to generate evaluations for the models created to ensure optimal support for projects in the e-business environment.

Example: Introduction of an Online Shop

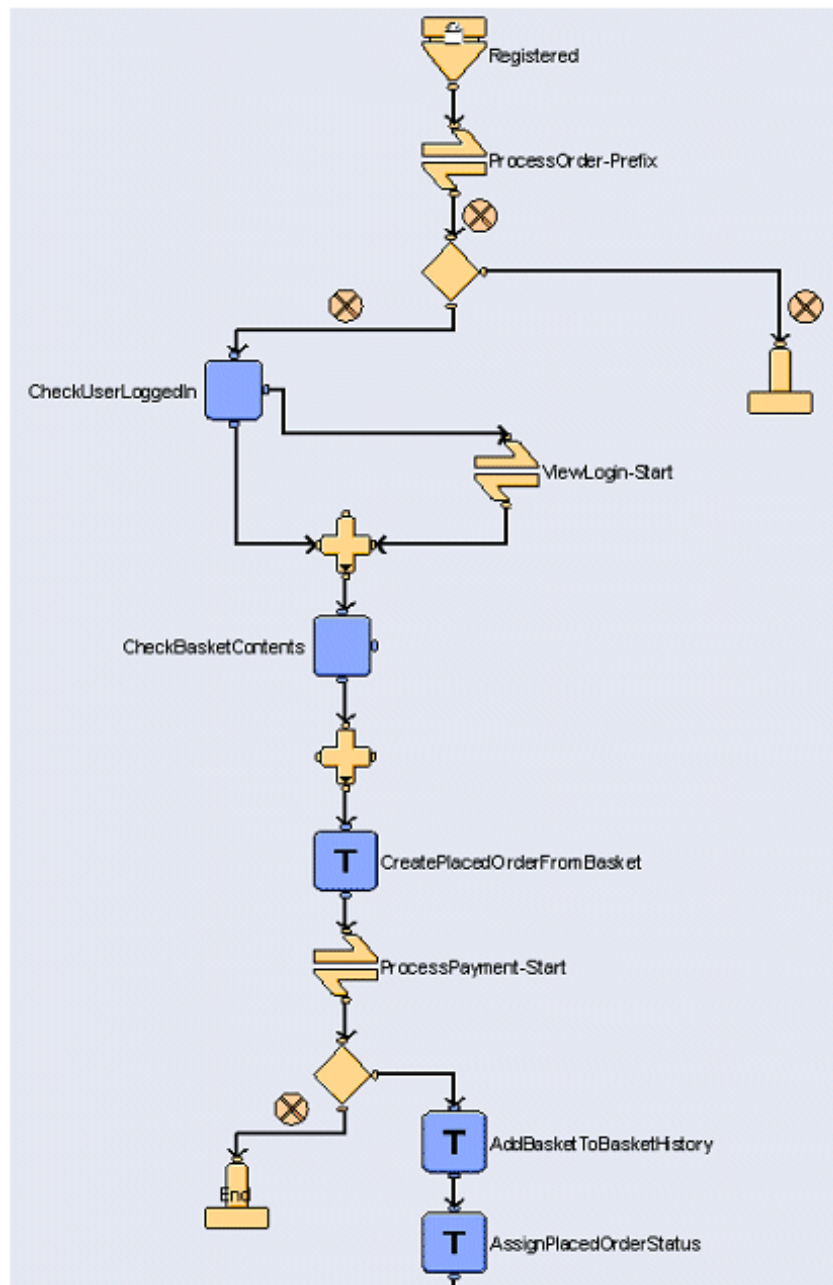
The first step is defining the objectives that are to be realized through the introduction of e-business with the help of the Balanced Scorecard Oracle BPA Suite component (see the chapter on the **Balanced Scorecard Method**). This step identifies the processes that have to be optimized to attain the objectives. In our example, the objective is identified as the development of a new distribution channel, namely the Internet. In order to pursue this new path optimally, precise documentation and planning are indispensable.

Not only must the process course itself be taken into account, but also the organization of the persons in charge, the interfaces between various systems, and data security.

Starting point is the E-Business scenario diagram. The business participants in our example are the company that implements the shop system and the customer who will use this offer. The entire process from "entering the shop" to "leaving" is broken down into key parts. The representation contains the view of the customer and that of the company. The E-Business scenario diagram serves as an entry point to the implementation project. shows how the entire process is divided up.

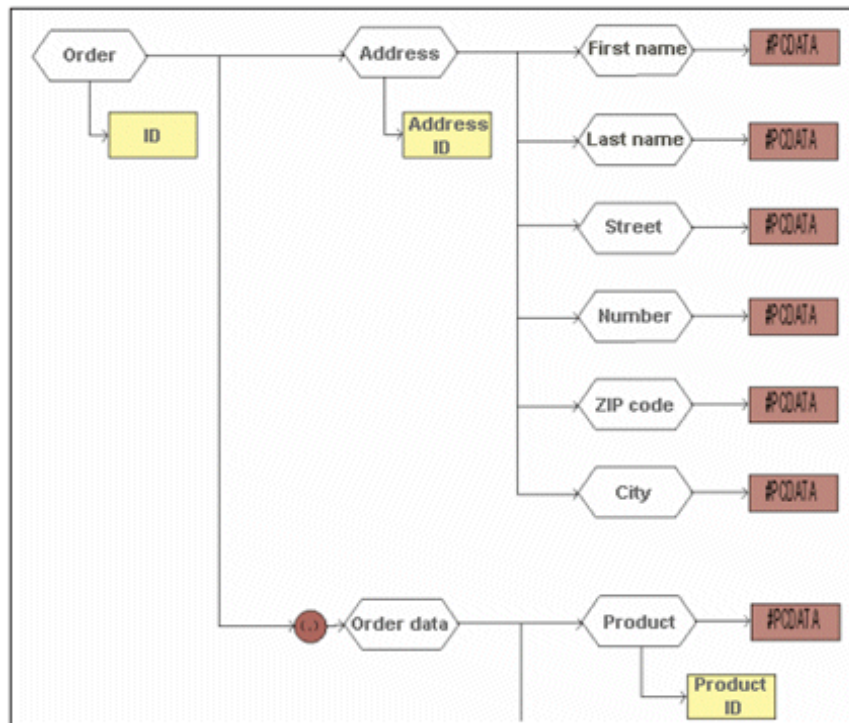
Figure 8–3 Excerpt from the "Online Shop" E-Business Scenario

The various steps in the process can now be refined by EPCs: for example, they can be verified with the Simulation component, displayed after optimization by means of pipeline diagrams, and converted into a finished shop system through Intershop Enfinity to be further improved.

Figure 8-4 Excerpt from the Pipeline Diagram

If a shop is to be connected to an external ERP system (Enterprise Resource Planning system) the data to be transferred needs to be in the correct formats. For this purpose, there are various ways of standardizing documents and data. One such standardization option is offered by the use of extensible markup language (XML). When documents are created, DTDs can be assigned to help define their structure and required contents. Since XML is a language that is being developed along completely different paths, a uniform foundation is needed here. Different organizations, consisting of companies and scientific institutions, are involved in standardizing XML for various sectors.

The use of standardized XML documents facilitates the integration of ERP systems..

Figure 8–5 Excerpt from the DTD: Ordering

The problems arising with various components that must be harmonized have already been mentioned. The application system diagram visualizes the systems, and application systems or business components can be assigned as models to clarify the systems' interrelationships.

The organizational structure will also be affected by the introduction of e-business. It may be necessary to define new responsibilities or make new allocations. The E-Business scenario diagram can describe roles and organizational units for individual process steps. What position they take in the company's organization or in the process can be analyzed further by means of organizational charts.

Implementation begins with the realization of modeled content. If the Intershop method is used, the content modeled is converted into an operational system by means of Intershop Enfinity.

IT City Planning

Over the past few years, the Internet has been increasingly used for customer-company and also inter-company communications. This has led to an increase in the variety of software solutions deployed within companies. For example, an automobile manufacturer might use modules of an ERP system in production planning, materials management, finance, controlling and sales and also a CRM system in the sales department SCM solutions as well as standard office and departmental applications, such as CAD software in the R&D department complete the system landscape.

Besides this technological development, the growing number of corporate mergers and acquisitions further increases the complexity of the information systems in a company.

These trends mean that companies have had to increase their spending on developing new corporate architectures. They should be aiming for flexible architectures that can be easily adapted to the company's constantly changing environment and are thus sustainable. According to one estimate by the Gartner Group, as much as 80% of the money spent on projects of this kind is wasted because the architectures implemented fail to achieve this objective and must be started over (see Jeff Schulman, *A New View of Architectures Needed for New Business Drivers*, p. 2ff.).

The reasons for this failure are:

- lack of strategy / vision in the draft architecture.
- insufficient financial and human resources to enable an understanding of the complexity of interactions within a corporate information system.
- tendencies towards silo developments that favor redundant infrastructures and components instead of shared services and applications created for communities of interest.
- use of classic architecture methods that strive to enforce a particular standard within the company.
- inadequate or inappropriate organizational influence on the creation and use of the corporate architecture.

9.1 The Look of New and Successful Corporate Architectures

New, efficient architectures need to include five levels:

1. The top level is the corporate network; it reflects all companies that communicate with each other.

1. The level below deals with the company that executes the business processes to achieve its business objectives.
1. The third level looks at business process styles. These are derived from business processes that meet similar requirements.
1. Each of these business process styles leads to an architecture style, also known as a pattern, ensuring optimum support for the processes. Examples of a pattern are 3-tier architectures, host-centric, service-oriented, etc.
1. From a pattern, the company can derive the required components that provide the fundamental base-technology functionalities (e.g., operating systems and databases).

9.2 Organizational Requirements of IT Projects

Successful IT projects must satisfy the following organizational requirements:

- At the highest level, the CEOs of the companies involved must coordinate and clearly formulate the business objectives in a steering committee.
- At the next level, a permanent steering committee should be formed comprising the CIOs and the managers of the divisions concerned and the IT department.
- At the third level, the architects develop the required functional definitions.
- At the fourth level, Integration Competence Centers develop, manage, and monitor the installation, integration, and operation of the infrastructure.

9.3 Technological Requirements

From a technological viewpoint, installing a successful corporate architecture calls for completely new architectural methods. These methods differ from their predecessors in that they address the interactions within the system rather than the system's technological aspects.

The OMG Model Driven Architecture (MDA) is one example of this new generation of architecture methods (see www.omg.org/mda). Computation and Platform Independent Models (CIM and PIM) constitute the entry into designing new architectures. Model transformation turns a PIM into a Platform Specific Model (PSM). These models are described using UML.

9.4 Enterprise Architecture and IT City Planning

IT City Planning is an architectural approach that was developed by Jacques Sassoon from France in the 1980s. The aim of IT City Planning is to bring harmony to a heterogeneous system landscape by thoroughly analyzing its interactions, i.e., the exchange of information among the applications in that system.

Based on the approach used in city planning, the procedure for drawing up an IT city plan is driven by the idea of enabling long-term, strategic IT management that considers not only the present but also aspects of the past (legacy systems) and the future.

However, there is no need to redesign the entire system. Instead, a project-by-project, incremental approach is adopted.

As with MDA, entry points are models that describe the information system without reference to technology-related information. However, IT City Planning dispenses

with UML, which simplifies entry for those with a less technical background and increases its acceptance.

9.5 Which Companies Could Benefit from IT City Planning?

Companies

- with a large application portfolio.
- that have a long history of using information technologies.
- for which information technology is of strategic importance.
- that are involved in a merger.

Goals of IT City aPlanning:

- Reusing software resources to avoid creating further redundancies.
- Reducing maintenance costs by "block-by-block" revision and definition of new software resources that can replace existing resources and cover the diverse use cases.
- Consolidating information systems.
- Preparing the deployment of EAI software at a higher level.

Creating an IT city plan is the responsibility of the Integration Competence Center. The plan itself must address both the design pattern and the information and technology architecture.

9.6 IT City Planning with Oracle BPA Suite

The ARIS Method includes the following views of an information system:

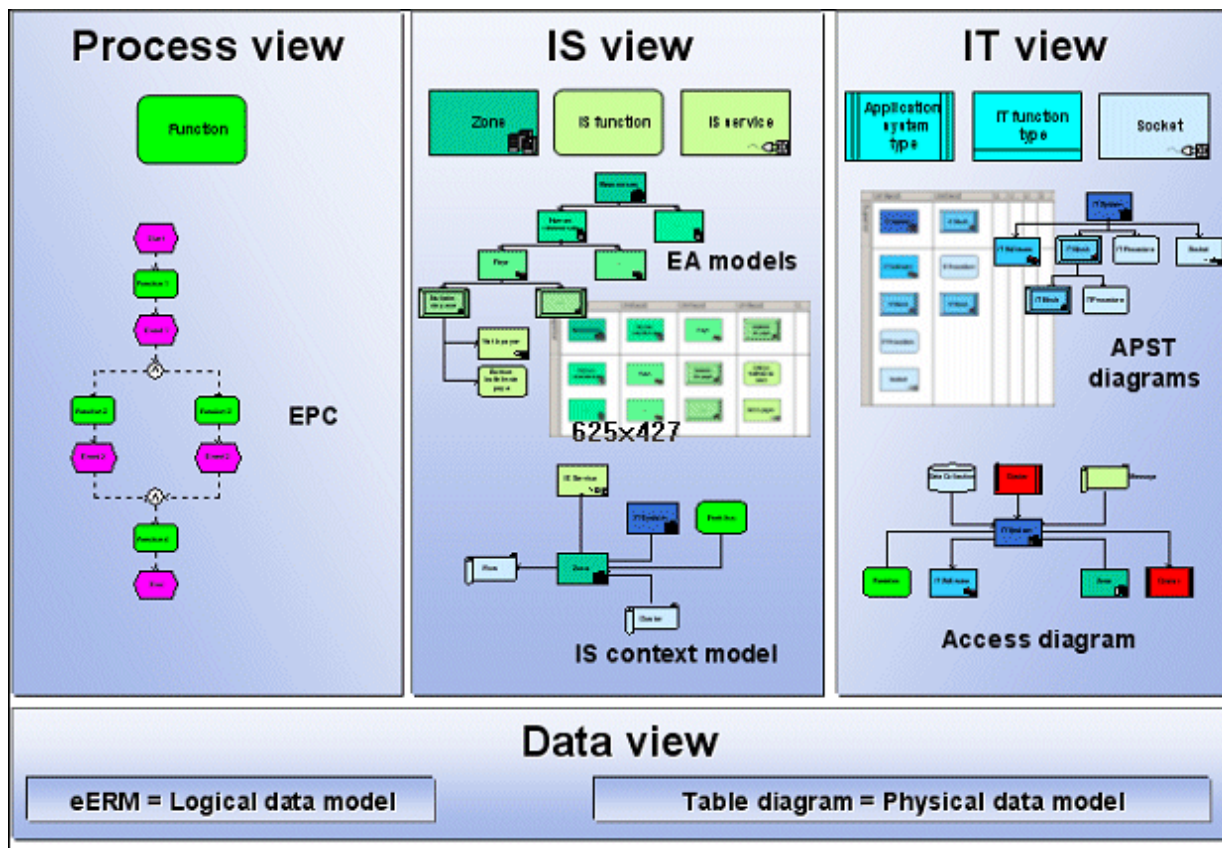
- Data view
- Function view
- Organization view
- Product/Service view
- Process view
- Each of these views is subdivided into the **Requirements definition**, **Design specification**, and **Implementation description** descriptive levels. These are based on the lifecycle of an information system and their proximity to information technology.
- At the requirements definition level, the business management application concepts are described. At the design specification level, the business management requirements are linked with the data processing constructs. Module, transaction, and screen are fundamental concepts at this level.
- The bottom level, implementation, describes the implementation of the design specification and its transfer to specific hardware and software components (see Scheer, A.-W., Business Process Engineering, 1994, 5th edition, p. 14ff).
- The two lower levels essentially describe the software system. The conceptual frameworks of these levels are closely interrelated and their "translation" is unproblematic.
- This is not the case with the transition between the requirements definition and the design specification. When creating the design specification, the business

management view must be aligned with the standard software. This requires both business management expertise and data processing knowledge (see Scheer, A.-W., ARIS - Business Process Frameworks, 1998, 3rd edition, p. 7).

- The information system view (IS view) in IT City Planning can assist as a mediator between levels. In ARIS, the object types in the IS view are set between functional and application systems, thus extending the function view in ARIS. Like functions, IS elements are linked with the different constructs from the familiar ARIS house views. These extensions mainly relate to process view and data view. Below, IS view refers to the model types from the function and process view of the ARIS House, which describe relationships between IS elements in general or IS elements in detail within the context of the other ARIS views.

Application system types, IT function types, and sockets are considered elements in the IT view. As with the IS view, the IT view includes all model types in which relationships between application system types, IT function types, and the new Socket object type are described, or which are used to describe one of these elements in detail.

Figure 9–1 Process, IS and IT View



9.7 IS View

ARIS includes the following model types for describing the IS view:

- Enterprise architecture model
- Enterprise architecture model (column display)
- IS context model

- IS activation model

The two enterprise architecture models structure the information system in a hierarchy.

An IS hierarchy can include the following levels:

- Zones
- Districts
- Building clusters
- Functional blocks
- IS functions
- IS services

Zone, District, Building cluster, and Functional block are Functional cluster object types. Functional clusters are used to organize an information system in independent units/blocks by function.

Each cluster is characterized in that it is the "owner" of the data it uses and of the associated processing methods. Other clusters can access these data and processing methods only if they call a service of the "Owner cluster".

Within a cluster, similar data is used and identical activities and business functions are carried out.

At the top level, the information system is divided into zones. A zone can correspond to an operational and development area, for example.

The following figure shows the zones into which a company's information system can typically be broken down.

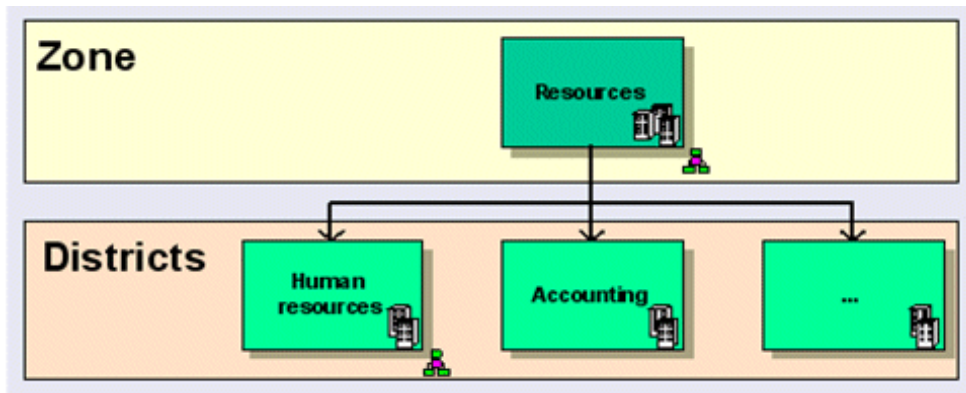
Figure 9–2 Zones of a Company's Information System



Each zone can contain one or more districts.

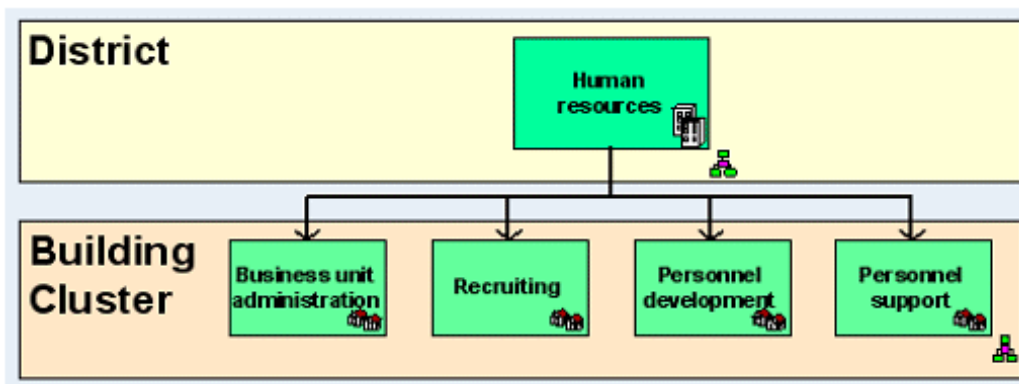
Districts of a zone are characterized by similar processes and substantial similarity in terms of temporal features (e.g. similar lifecycles and information processing cycles). For example, districts can be terms of payment, pricing conditions, personnel administration, travel guidelines, etc.

The second level of the Resources zone can include the Human resources and Accounting districts:

Figure 9–3 Zone Divided into Districts

A district contains one or more building clusters that serve a functional purpose, (e.g., salary payments, invoicing, etc.).

The Human resources district includes the Business unit administration, Recruiting, Personnel development, and Personnel support building clusters.

Figure 9–4 District Divided into Building Clusters

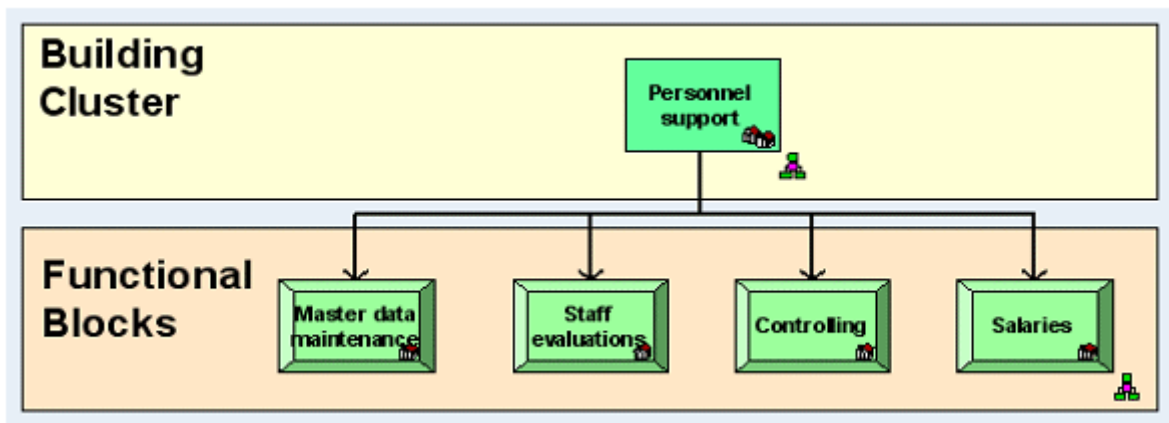
Each building cluster can encompass one or more functional blocks. Functional blocks are characterized by a high degree of similarity pertaining to the business objects and events they manage.

A functional block is an independent, reusable functional component. IS functions and IS services are combined to form a functional block according to the following rules:

- They feature a close interrelationship between the objects they manage and the functions they support.
- There is only minimal exchange with other functional blocks.

The Personnel support building cluster in our example includes the Master data maintenance, Staff evaluations, Controlling, and Salaries functional blocks.

Figure 9–5 "Personnel support" Building Cluster Divided into Functional Blocks

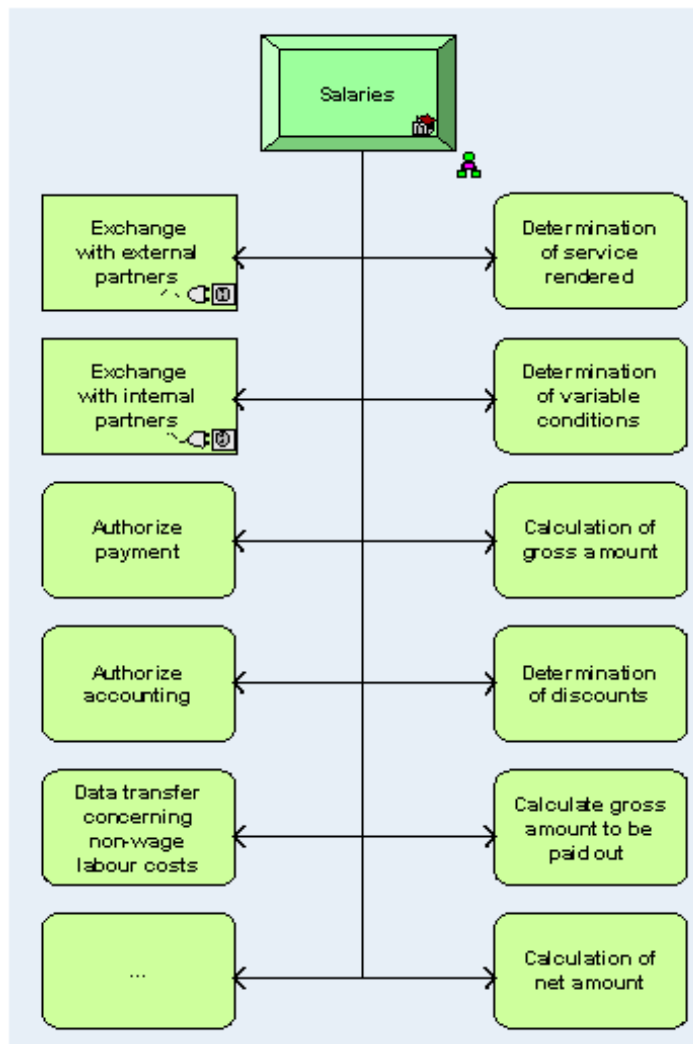


An IS function describes an essential function within a system. It supports the implementation of an activity within a process.

An IS service describes an interface of a functional cluster or an IS function. IS services allow other IS elements controlled access to data and processing methods of the IS element that provides the service.

Via these interfaces, messages can be exchanged with other elements of the IT view.

The following figure shows the IS functions and IS services of the Salaries functional block.

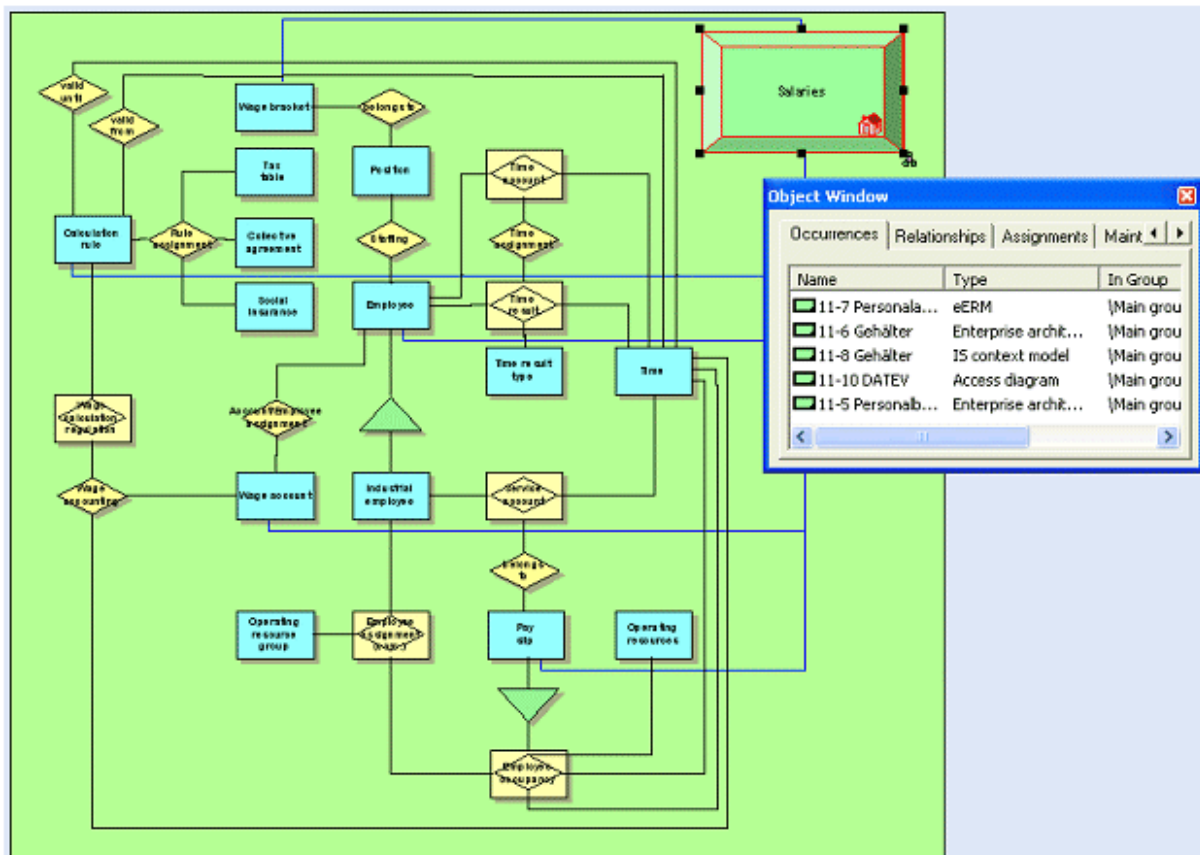
Figure 9–6 IS Functions and IS Services of the "Salaries" Functional Block

For describing the IS hierarchy it is not necessary to completely model all levels described here. The IS function and IS service IS elements are not regarded as elements of the city plan in IT City Planning. The city planner's responsibilities end at the building block level. IS functions and IS services are the responsibility of the architect (see Longép , Christoph: Le projet d'urbanisation du syst me d'information, p. 18).

9.8 Functional Clusters and their Data

The eERM describes which data is encapsulated in a functional cluster or an IS function. In the context of the city planning approach, the eERM supplies the IS view symbols. An is owner of connection type can be used to link these objects with relationship types and entity types.

Figure 9–7 "is owner of" Connection between Symbols of the IS View and Relationship and Entity Types



9.9 Detailed Description of Clusters

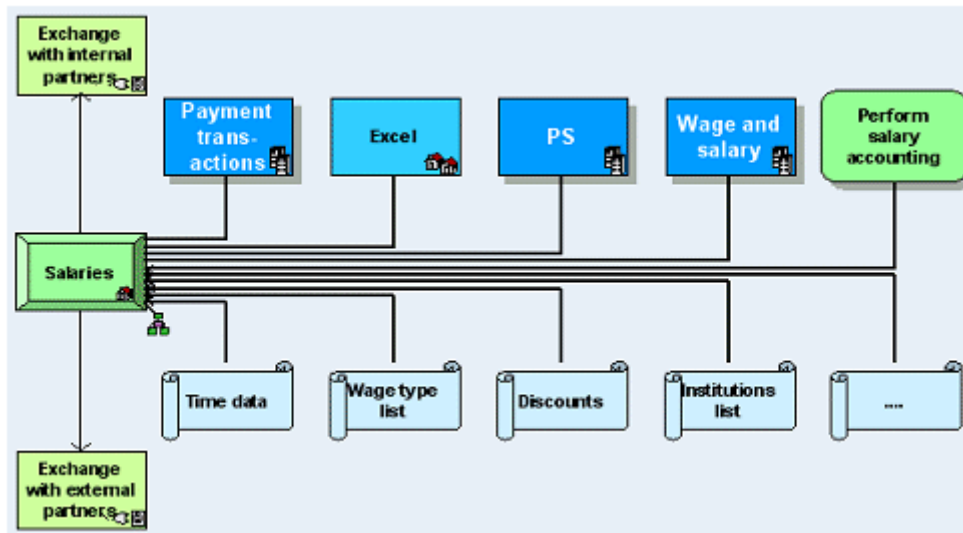
The functional clusters and IS functions of an information system are described in detail in the IS context model. This includes

- the interfaces of a block,
- the interactions between blocks,
- the application systems supporting a block, and
- business management functions that are supported by the block.

Zones, districts, building clusters, functional blocks, and IT functions can be connected to an IS service through the provides connection.

Input/Output connections can be used between IS elements and data elements to describe the information flows between clusters.

The various application system and IT function type objects can be assigned to the objects of the IT view using a connection of the supports type. If the city plan is interpreted as a development plan of a city, this connection provides information about which information system areas are "populated" by which application systems. The supports connection is also available for use between IS elements and the function.

Figure 9–8 "supports" Connection between IS Elements and Function

9.10 Chronological-Logical Procedures Between IS Elements

For the functional clusters, IS functions and IS services specified in the enterprise architecture model, the relationships with the object types in the organization, data, and process view can be created in the IS context model. The possible chronological-logical sequences cannot be represented for the IS elements.

The IS activation model is used in IT City Planning to display chronological-logical procedural sequences for IS elements, i.e., to describe the dynamic aspects within the information system. This model is equivalent to the program flow chart (see chapter 4.4.2.2) in the IT view. This model type provides events for displaying the procedural sequence. As with the allocation of IT elements and events in the program flow chart, sequences of functional modules can be defined in the IS activation model. In this context, the event is seen as a trigger that activates functional clusters, IS functions, or IS services. Branches can be represented by the operators known from the EPC or program flow chart. The procedural sequences can also be defined without the need to introduce additional events.

9.11 IT View

As with the IS view, the IT view contains the following model types:

- Application system type diagram
- Application system type diagram (column display)
- Access diagram (also called IT context model)
- Program flow chart

Application System Hierarchy

In the context of city planning, the application system hierarchy currently in use in the company is mapped using the application system type diagram or the application system type diagram (column display). The application system type diagram (column display) is a Swimlane diagram which provides precisely those object types, symbols, and relationship types from the application system type diagram that are needed for city planning.

The following levels of an application system type hierarchy can be mapped:

- IT system
- Subsystem
- IT software
- IT block
- IT procedure
- Socket

IT system, Subsystem, IT software, and IT block are symbols of the Application system type object type. The hierarchy is built using the encompasses relationship type.

The IT systems are at the top level of the application system type hierarchy. An IT system describes a structured quantity of IT elements, usually subsystems. Management and operation of an IT system are the task of a specified organizational unit.

A subsystem describes a component of an IT system. The components of a subsystem are called IT software.

IT software supports an homogeneous set of functions. It is user-oriented and supports one or more business processes. IT blocks are components of IT software.

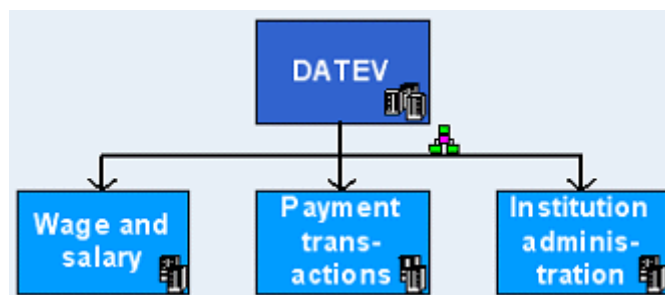
Generally, an IT block groups those IT procedures that access the same data (databases, tables, files, etc.).

IT procedures are objects of the IT function type type. Each IT procedure supports a specific function.

A socket corresponds to the IS service, i.e., it describes an interface that an IT element provides for other IT elements so that these can access the IT element's data and processing methods.

The following figure shows an example of the subsystem structure of the DATEV system:

Figure 9–9 Subsystem Structure of the DATEV System



9.12 IT Elements and their Data

As with IS elements, the eERM includes the is owner of connection between application system type, IT function type, or socket and entity type or relationship type to describe the data encapsulated in an IT element.

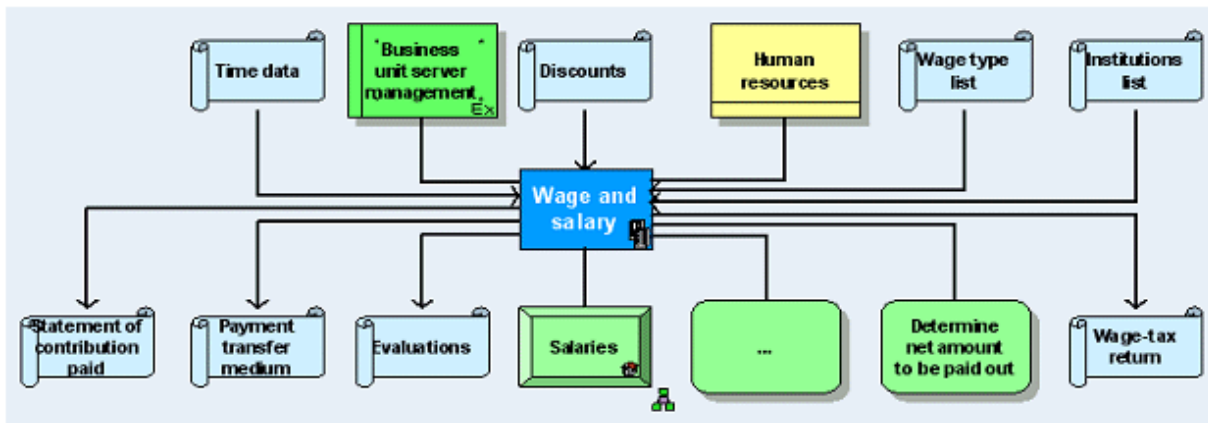
9.13 Detailed Description of IT Elements

IT elements in the IT city plan are described in detail in the access diagram. This diagram corresponds to the IS context model in the IS view.

It describes:

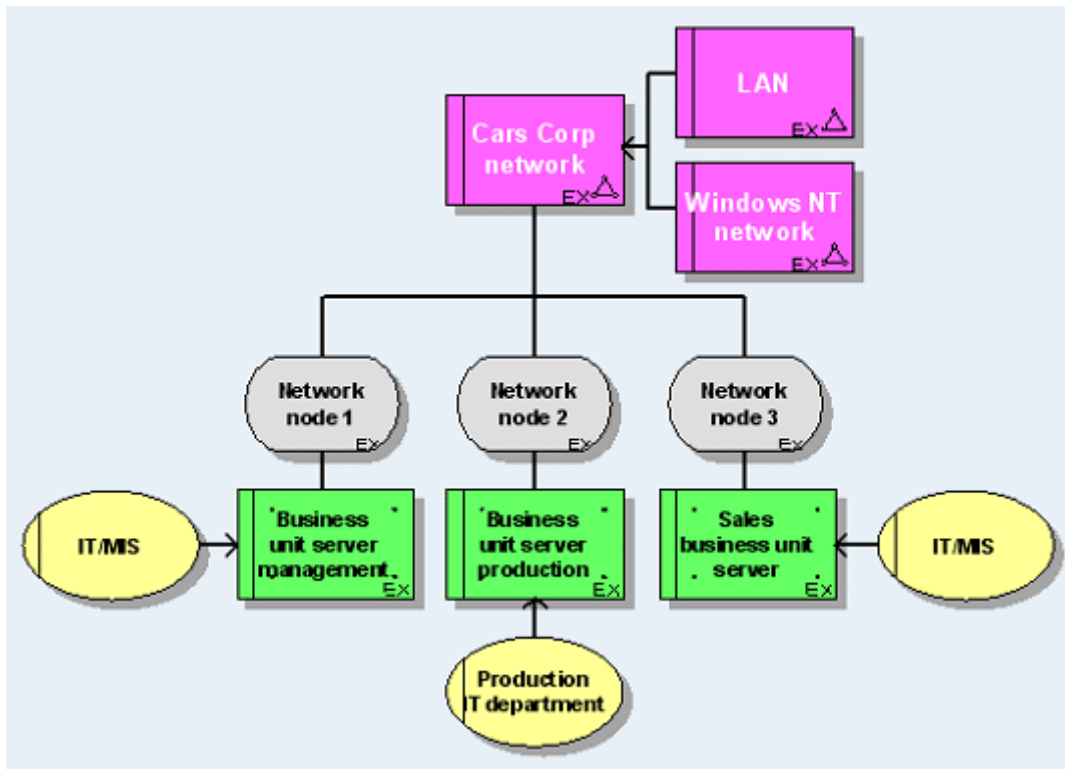
- Input and output relationships of the relevant IT element
- Business functions supported
- IS elements supported
- Activation of other IT elements by the considered element
- Platform on which the IT element runs
- Users of the IT element

Figure 9–10 Detailed Description of IT Elements in the Access Diagram



9.14 Organizational Aspects

The detailed description of an IT element also incorporates information from the organization view. This includes information about which organizational elements can be users of an IT element, and more. A network diagram can be used to show the influences and effects pertaining to the technical IT infrastructure.

Figure 9–11 Influences and Effects of the Technical Infrastructure

9.15 Chronological-Logical Procedures Between IT Elements

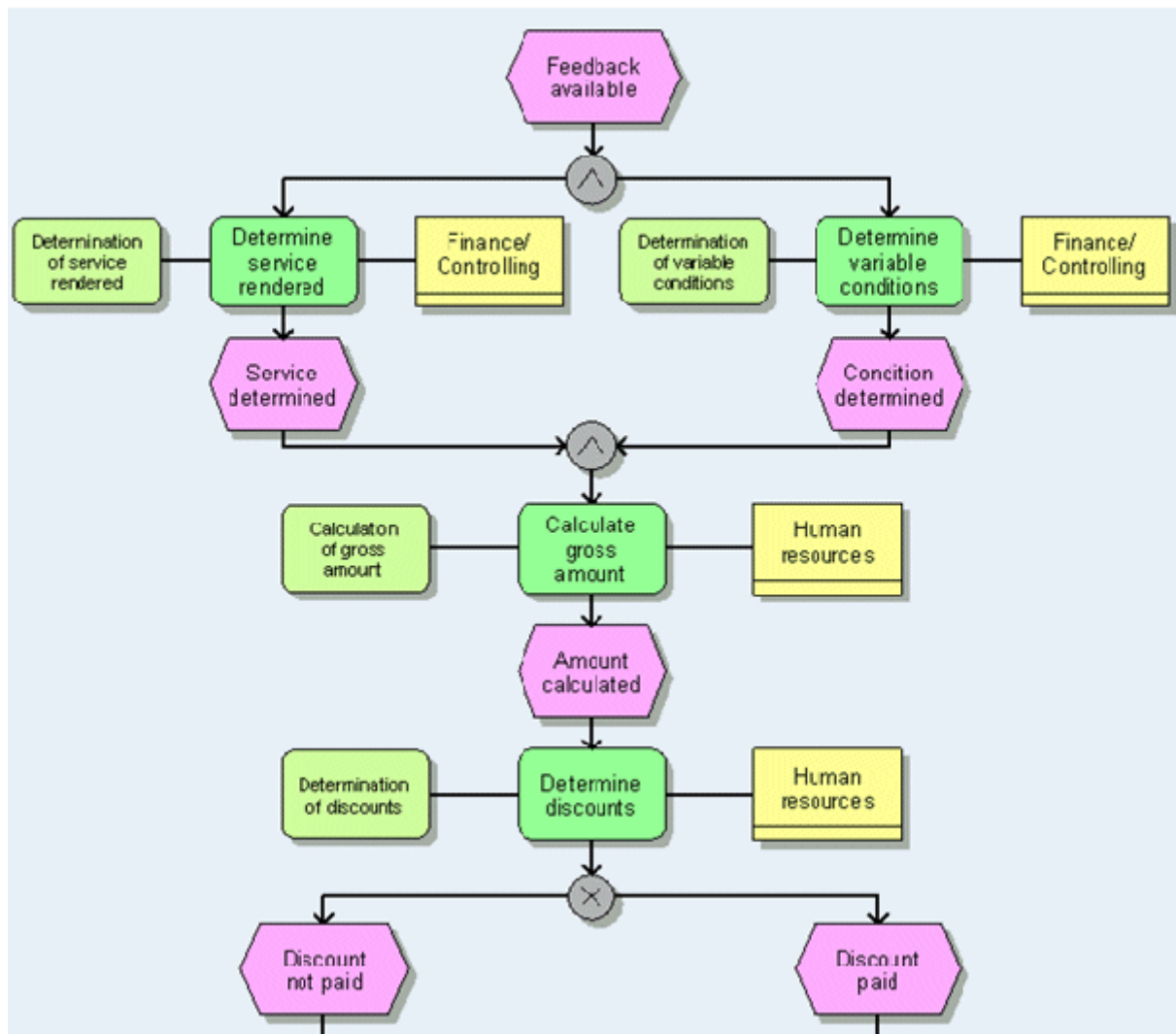
As with the IS activation model, the program flow chart is used to describe the chronological-logical procedures between the **Application system type**, **IT function type** and **Socket IT** elements.

For details of the program flow chart, please see chapter 4.4.2.2.

9.16 Chronological-Logical Procedures within the Architecture

Objects suitable for representing the integration of IS and IT elements into a chronological-logical procedure are available in the various process models (all variations of the EPC) and the program flow chart.

Figure 9–12 Integration of IS and IT Elements into a Chronological-Logical Procedure



9.17 Evaluation Options

Based on the modeling options described in the sections above, various evaluations answer the following questions and help set up the information system:

- What data does a given IS element manage?
- Which application systems support an IS element?
- Which functions does a given IS element support?
- What data do the IT elements of a given IS element use?
- What data do the IT elements of a given IS element generate?
- Which IS services does an IS element provide and in which processes are they used?
- On which hardware components do the application systems of a particular IS element run?

The following evaluations are available for selected application system types, IT function types, and sockets:

Data used by an IT element

IS elements supported by an IT element

Functions supported by an IT element

Data used by IS elements that are supported by an IT element

Data created by IS elements that are supported by an IT element

Hardware components on which an IT system is running

Business Process Modeling

The interactions and transactions between companies and their partners, suppliers, and customers are becoming ever more complex, mostly due to new information and communication technologies. It is becoming ever more evident that further development and performance of business processes depend on close cooperation between the various business partners.

On the one hand, a company wishes to be able to better understand its own actions and those of its business partners; on the other hand, organizations should be given the ability to adapt faster to internal and market-driven changes. A standardized process modeling language can help companies to describe their internal and external business processes clearly and flexibly. Companies should also be able to communicate the modeled processes to their business partners in an appropriate, concrete, and comprehensible manner. All parties involved should speak the same "process language".

To reach these goals, the Business Process Management Initiative (BPML.org) offers a standardized modeling language: Business Process Modeling Notation (BPMN). BPMN is a graphical notation system for describing business processes in a business process diagram (BPD).

The notation is intended to be easily understood by all users. This makes it suitable not only for business process analysts and those who monitor and manage processes, but also for developers who implement the process execution technologies.

XML-based languages need to be visualized with this notation for business process automation (e.g., Business Process Execution Language for Web Services (BPEL4WS)).

10.1 The BPMN Description Language

10.1.1 Process Classes and the Business Process Diagram

Business Process Modeling Notation (BPMN) uses the Business process diagram (BPD) model type for describing processes. This model maps three classes of business processes and the relationships between them:

Private business processes (internal business processes)

Abstract business processes (public business processes)

Collaboration processes (global business processes)

Private business processes are business processes that are performed exclusively within an organization. They are generally known as workflow or BPM processes.

Various internal business processes are modeled as a sequence flow within individual pools (see chapter) whose interactions are represented using message flows.

Abstract business processes describe interactions between private processes of different pools, between objects of different pools, or combinations of both. Along with the sequence flow within the private process, the message flow between the individual processes is particularly important. Interactions are modeled using message flows.

Abstract business processes are integrated in individual pools and can be modeled separately or as part of an entire BPMN diagram. If an abstract business process appears in the same model as a corresponding private business process, they can be associated with each other.

Collaboration processes describe only the interactions between two or more business entities (business partners). A sequence of activities is modeled to reflect the pattern of message exchanges between the various partners. The sequence flow has no part in this.

Relevant languages for collaborations include bXML BPSS, RosettaNet, or W3C Choreography Working Group. The mapping specification is planned for later versions of the BPMN specification.

Collaboration processes can be integrated in pools. The interactions of the partners involved are described in individual lanes. This allows the processes to be modeled separately or as part of a comprehensive BPMN diagram. If a collaboration appears in the same diagram as one of its internal processes, activities common in both can be associated with each other.

In turn, various types of business processes can be derived from the three process classes:

- Private business processes at a higher level

- Private business processes at a detail level (target or actual processes)

- Processes between detail processes and external entities

- Processes between detail processes

- Processes between detail processes and abstract processes

- Processes between detail processes and collaboration processes

- Processes between abstract processes

- Processes between abstract processes and collaboration processes

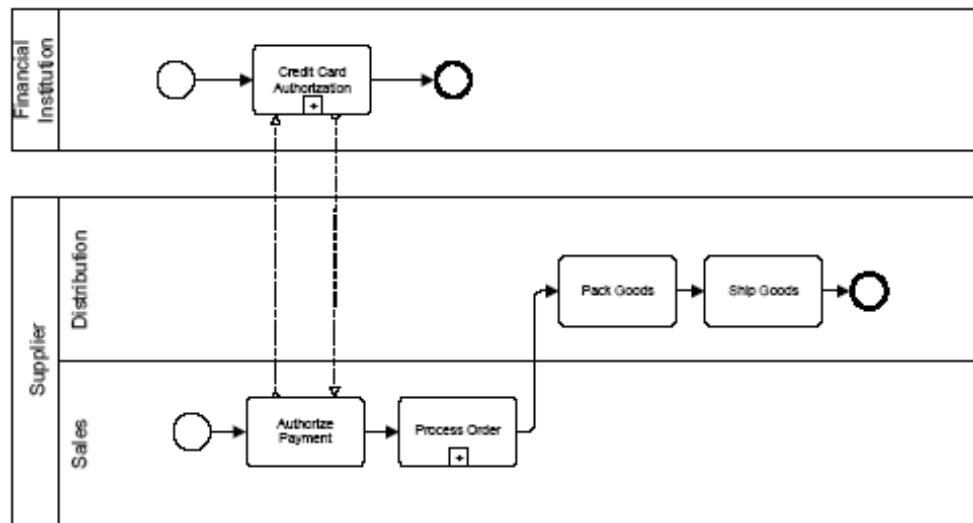
- Processes between collaborations

- Processes between multiple detail processes through their abstract processes

- Processes between multiple detail processes through a collaboration process

- Processes between multiple detail processes through their abstract processes and a collaboration process

The following figure shows an example of a BPD with two business partners to which a separate process has been assigned. Both detail processes comprise a start event, activities, sequence flow connections, and an end event. Message flow connections are modeled between the activities of the two detail processes.

Figure 10–1 Two Pools with Sequence and Message Flow

Since processes of several business partners can be shown in one BPD and each business partner has a different view of the same process, it is useful to specify a "point of view". The BPMN does not dictate how the point of view is to be emphasized in a BPD. The easiest way is to maintain the names of the assigned business entities (business partners) in the **Description/Definition** attribute (see).

10.1.2 Implementing BPMN in Oracle BPA Suite

Although BPMN supplies only the **Business process diagram** (BPD) model type, two model types can be used in Oracle BPA Suite: the EPC and the new Business process diagram (BPMN) model type. In this way, processes existing in Oracle BPA Suite can be reused as private processes. The EPC has all model attributes that BPMN needs for the business process diagram. By using the Business Process Diagram (BPMN) model type, you keep existing models of the EPC type free of B2B-context aspects. As a result, your EPC models are not rendered more complex by additional relationship types.

The new business process diagram inherits all BPMN-relevant model attributes from the EPC and all sequence flow-relevant objects, connections, and symbols. The new Business Process Diagram (BPMN) model type allows sequence flow-relevant EPC concepts to be reused. However, you can also represent pools, lanes, and message flows.

10.1.3 Elements of the Business Process Diagram

10.1.3.1 Pools and Lanes

A business process diagram through pools is clearly structured.

A pool is a graphical container in which a set of activities of a business entity are combined.

A business entity can be a function, application system, organizational element, or data element.

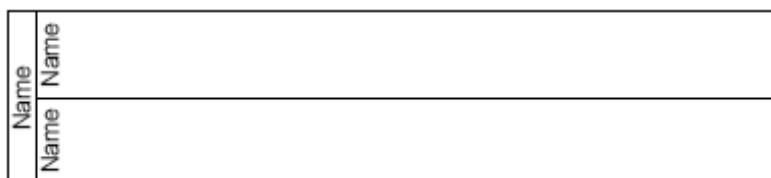
In BPMN, two pools represent two different business entities. The technique of structuring a model in pools is typically used in a B2B context.

A pool combines a process partner's various activities that are structured and organized using lanes. In this way, a boundary is defined with the activities of other process partners (see).

In a BPD, pools need not necessarily contain process elements. You can also insert an empty pool ("black box") in a model, for example if you want to integrate into an overall process the interrelationships of a subprocess (e.g., of a business partner) that is involved but whose details are not known. You might also not want to model the details of a subprocess because you want to avoid overcomplexity (see).

Pools include at least one lane. A lane can in turn contain additional lanes that are nested or defined as a matrix. If a pool has only one lane, the pool assumes the same name as the lane. If a pool includes more than one lane, the various names for the lanes and a special pool name must be specified (see).

Figure 10–2 Pool with Two Lanes According to BPMN



In Oracle BPA Suite, pools and lanes are individual object types that are initially placed in the model. Within the pool, the process can be modeled in a way similar to an EPC. All functions, events, and rules of the process are placed on the pool object. Use the **belongs to** connection to describe the association of these objects with a pool. We recommend that you create it as an implicit relationship. A connection of the depicts type links the pool object to an organizational element, application system type object, data element, or function. Please note that each pool can have only one connection of this type throughout the given database. These relationships should also be implicit.

According to BPMN specifications, a pool does not need to be represented in the model by a symbol. The borders of a pool can also be hidden, especially if the diagram contains only one pool (see). These options should not be used in a model with several pools, otherwise it will become overly cluttered.

10.1.3.2 Modeling Guidelines for Pools and Lanes

Only one pool may exist with invisible borders in a diagram.

If the Pool type attribute has been set to Collaboration, no owner (**Person responsible attribute**) should be maintained.

Each lane may have only one superior pool.

10.1.3.3 Sequence Flow

A process in the form of a sequence flow describes the sequence in which the activities of a process are carried out. The sequence flow combines the Event, Activity, and Gateway object types. Sequence flows are permitted only within pools and may not cross their borders (see).

The sequence flow is represented by a solid line with a black arrow head:

Figure 10–3 Sequence Flow Connection



Appropriate connection types, such as activates, is evaluated by, creates, links, or leads to are maintained depending on the connection's source and target object type.

10.1.3.4 Modeling Guidelines for Sequence Flow Connections

For sequence flows that follow an XOR (data-based) gateway or an inclusive gateway, a value for the Condition attribute must be set.

If the Expression value has been set in the Condition attribute, the diamond symbol must be placed at the beginning of the connection.

If the Condition attribute has the Default value and the source object is a function, the \ (backslash) symbol must be placed at the beginning of the connection.

The \ (backslash) symbol must not be placed if the source object is a gateway.

No condition should be set if the source object is one of the following symbols:

Event-based exclusive gateway

Complex gateway

Parallel gateway

Start event

Intermediate event

If the Default value of the Condition attribute is enabled for a sequence flow connection, a condition must not be maintained.

The Condition attribute may have the Default value if the source object is a function or an XOR (data-based) gateway.

If the Expression value has been set in the Condition attribute, the Expression attribute must also be maintained.

10.1.3.5 Message Flow

A message flow describes the exchange of information between two pools. The message flow can either be placed directly between the two pool objects or between objects in the sequence flow of the processes in the corresponding pool. Only message flows are allowed to cross pool borders, and a message flow connection must not be placed between two objects of the same pool (see).

The connection is represented by a dashed line. The beginning of the line is marked by a circle and the end is a white arrow head.

Figure 10–4 Message Flow Connection



Each message flow comprises a sender object, a connection of the sends type, a connection of the is received from type, and the recipient. No message flow connections can begin at a start event or intermediate event. However, an end event does not receive message flows, but can be a sender itself. Lanes, gateways, data objects, and text annotations do not have message flows.

10.1.3.6 Modeling Guidelines for Message Flow Connections

Source and target objects must belong to different pools.

10.1.3.7 Association

An association is used to provide the sequence or message flow components with information. This information can be of a textual or graphical nature. If multiple different processes appear in the same diagram, their individual process elements can be associated with each other via connections.

The association is represented by a dotted line with open arrow heads, if required. This applies in particular when assignments of artifacts of the Data object type are involved.

Figure 10–5 Association Connections



Appropriate connection types, such as has output of, is input for, provides input for, or creates output to are maintained depending on the connection's source and target object type.

Particularly important in BPMN is the assignment of Data object type artifacts to activities.

This assignment is directed and describes how information is used and changed within a process. It is implemented in the BPD (BPMN) using the following relationships:

Function creates output to data elements (especially information carriers)

Data element (especially information carrier) provides input for function

10.1.3.8 Events

An event is a state that arises in the course of the business process. Events influence the course of the process. Normally, they represent triggers or effects within the processes. Depending on when an event occurs, it is either a start event, intermediate event, or an end event. The three event categories are represented by their own symbols in BPMN:

Figure 10–6 Event Categories



These categories include further specialized subdivisions. The symbols of the three event categories are extended with additional symbols when the Event type attribute is maintained, as shown in the following three examples:

Figure 10-7 Examples of Event Types

All attributes relevant for the Event object type are grouped together in the BPMN attribute type group.

10.1.3.9 Modeling Guidelines for Events

For start events, the Event type attribute type may have only one of the following values: Message, Timer, Rule, Link, or Multiple.

For end events, the Event type attribute type may have only one of the following values: Message, Exception, Cancel, Compensation, Rule, Link, Multiple, or Terminate.

For intermediate events, the Event type attribute type may have only one of the following values: Message, Timer, Exception, Cancel, Compensation, Rule, Link, and Multiple.

Attributes with additional information need to be maintained depending on the event type set.

A start event may have multiple outgoing sequence flow connections. No value must be maintained for the Condition attribute of these connections.

Intermediate events that indicate an exception or a compensation should be placed at the border of the function.

If an intermediate event is placed at the border of a function, a value must be maintained, but not Link.

The Multiple, Rule, and Cancel values must not be set for intermediate events that are within a normal sequence flow of a process.

The Cancel value must not be set if

the intermediate event is placed at the border of a function and the Transaction attribute of the function is not enabled, or

the event is not part of a process that describes a transaction.

If an intermediate event is placed at the border of a function, it must not be the target object of a sequence flow connection.

If an intermediate event is within the normal sequence flow of a process (i.e., it is not placed at the border of a function) it may have exactly one incoming sequence flow connection. For the Event type attribute of the event, no value or one of the following values may be maintained: Message, Timer, Exception, Link, Compensation. The Link value may only be set for intermediate events in a normal sequence flow if the source object is a gateway whose Gateway type attribute has a maintained XOR (Event-based) value.

Each intermediate event must have exactly one outgoing sequence flow connection.

An intermediate event whose **Event type** attribute has a maintained **Message** value may have one incoming message flow (incoming connection of the is received from type).

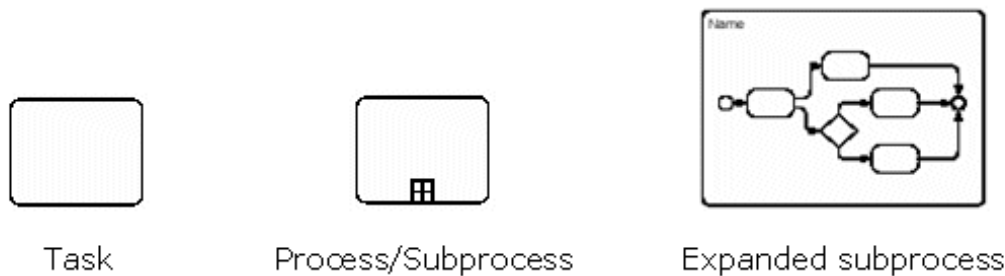
An intermediate event must not have an outgoing message flow (outgoing connection of the sends type).

10.1.3.10 Activities

An activity is performed as part of a process. It can be atomic or non-atomic (compound). BPMN permits three categories of activities: Process, Subprocess, and Task.

BPMN provides the following symbols for activities:

Figure 10–8 Activities According to BPMN



In Oracle BPA Suite, activities are modeled as functions by default:

Figure 10–9 Assigned Function as Activity in Oracle BPA Suite



The function receives all attributes specified by BPMN for processes, subprocesses and tasks. As with events, the BPMN attribute type group is used. It contains additional subgroups for the activity types.

In terms of BPMN, a process describes an activity that is carried out within a company or organization. A process is described by a graph with flow objects that represent a set of different activities and control objects. Processes are hierarchically structured and can be defined at all levels of detail. In contrast to a process, a business process in BPMN describes a set of activities that are carried out across company/organizational boundaries.

In terms of BPMN, a subprocess is a combined activity with a detailed description. A subprocess appears as an object within a process flow.

Usually, a subprocess is assigned a detailed process. Unlike in BPMN, Oracle BPA Suite does not identify an assigned activity by a plus sign, but by the assignment icon.

Besides identifying an assigned function, BPMN also provides the ability to show the detailed process at the next higher process level. This is done by clicking on the plus sign. This functionality is currently not supported by Oracle BPA Suite.

10.1.3.11 Modeling Guidelines for Activities

Process

If the Ad hoc attribute is = True, then the Completion condition attribute must be maintained.

If an ad hoc process is refined, no sequence flows must be modeled within the assigned model.

Subprocess

If the Independent value has been set for the Subprocess type attribute, the Process reference attribute must also be maintained.

If the Transaction attribute has been enabled for a subprocess, then the Transaction ID attribute must be maintained.

If the Loop type attribute is maintained, then the Loop condition attribute must also be maintained.

If the models are to be transferred to BPEL4WS, a check is recommended to determine whether the Maximum attribute is maintained for the Loop type attribute for processes with the Standard value.

If the Standard value is maintained for the Loop type attribute, then the Test before attribute must also be maintained. The Test before attribute should be disabled by default.

If the Multi-instance value is maintained for the Loop type attribute, then the Parallel instance generation attribute must also be maintained. The Parallel instance generation attribute should be disabled by default.

If the Loop type attribute of a subprocess has the Multi instance value and, at the same time, the Parallel instance generation attribute is enabled, the Loop flow condition attribute must be maintained, as well.

If the Complex value is set for the Loop flow condition attribute in a process, an expression must be maintained for the Complex attribute that determines when and how many process markers are passed on after the subprocess.

Task

If the Receive value is maintained for the Task type attribute, the function should not have any outgoing message flow connections.

If the Send value is maintained for the Task type attribute, the function should not have any incoming message flow connections.

If the Task type attribute is not maintained or if the Script or Manual values are set, the function should not have any incoming or outgoing message flow connections.

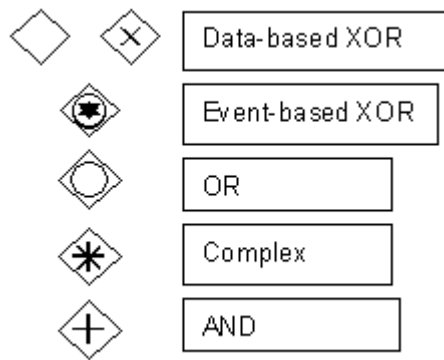
For functions with the Abstract value maintained for their Task type attribute, the Abstract type attribute must also be maintained. In addition, these functions may be used only in pools of the Abstract type or in Collaborations.

10.1.3.12 Gateway

Gateways describe how sequence flows merge or branch within a process. They determine the behavior of incoming and outgoing connections. In Oracle BPA Suite, they are represented as objects of the Rule type.

Similar to events, various types of gateways can be specified. Depending on the type, further symbols are shown in the center of the Gateway symbol.

The following Gateway symbols exist:

Figure 10–10 Gateway Types

The BPMN specification stipulates that a number of gates must be defined for each gateway. In Oracle BPA Suite, the number of gates is determined by the number of incoming and outgoing connections. Therefore, gate-dependent attributes are maintained at the incoming and outgoing sequence flow connections of the rule.

A special case is the complex gateway in which the Incoming condition and Outgoing condition special attributes are specified. These attributes must be maintained if there are several incoming or outgoing sequence flow connections for the gateway concerned. The attribute content of the incoming condition can contain sequence flow names and process properties (data). The outgoing condition contains references to sequence flow IDs and process properties (data).

10.1.3.13 Modeling Guidelines for Gateways

Gateways of the XOR (data-based) type: For all outgoing connections of an XOR (data-based) gateway, the Expression value must be set for the Condition attribute and a valid expression must be used for the Condition expression attribute.

Sequence Flow, Especially after Gateways:

For every XOR gateway of the XOR (data-based) type, the Default gateway attribute should be maintained at exactly one outgoing sequence flow connection (activates connection type). Under no circumstances must multiple outgoing connections be marked with this attribute.

For each XOR gateway of the XOR (event-based) type there must be at least two outgoing sequence flow connections (activates or leads to type).

For all outgoing connections of an event-based XOR gateway, no value must be maintained for the Condition attribute. The Condition expression attribute should not be maintained.

The following target objects are permitted for outgoing sequence flow connections of an event-based XOR gateway:

Function for which the Receive task type has been set.

Intermediate events whose Event type attribute type has a value other than Compensation or Multiple.

If there is a function in the set of target objects, this set must not contain an event of the Message type.

If a gateway of the OR type has no or exactly one incoming sequence flow connection, there must be at least two outgoing sequence flow connections.

For all outgoing sequence flow connections of an OR gateway, the Expression value must be set for the Condition attribute, and a valid expression must be used for the Condition expression attribute. The expression must unambiguously relate to the current gateway.

If an OR-gateway has exactly one outgoing sequence flow connection, no value must be maintained for the Condition attribute of this connection.

If a gateway of the Complex type has no or exactly one incoming sequence flow connection, there must be at least two outgoing sequence flow connections.

For all outgoing connections of a complex gateway the value None must be maintained for the Condition attribute, especially if there is only one outgoing connection.

If a complex gateway has several incoming sequence flow connections, then a condition must be maintained for the Incoming condition attribute that references the sequence flow names and process properties (data).

If a complex gateway has several outgoing sequence flow connections, then a condition must be maintained for the Outgoing condition attribute that references the sequence flow names and process properties (data).

If an AND gateway has no or exactly one incoming sequence flow connection, there must be at least two outgoing sequence flow connections.

For all outgoing connections of an AND gateway no value must be maintained for the Condition attribute.

10.1.3.14 Artifact

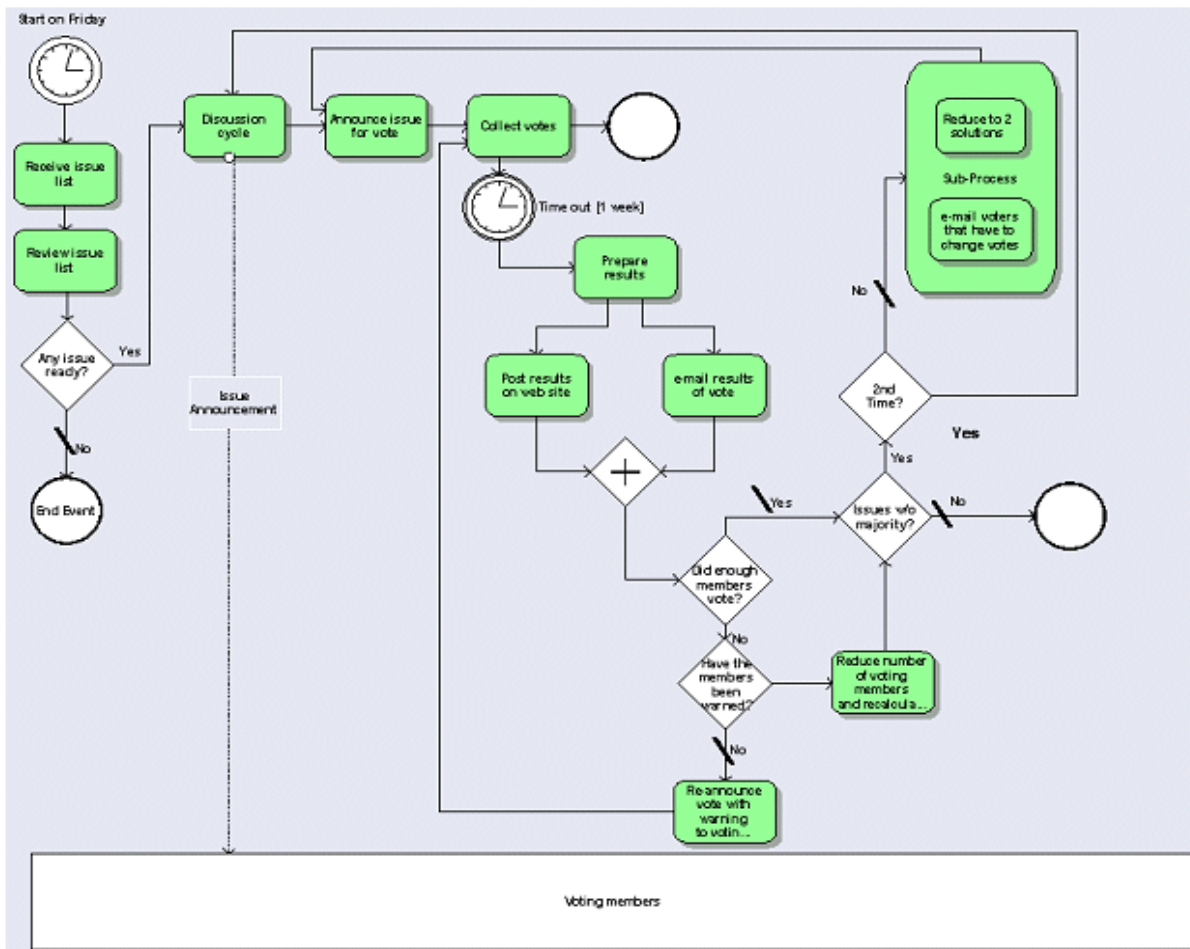
Artifacts provide information about the process. This information does not belong to the sequence flow or message flow. A total of three artifact types are differentiated: Data objects, Groups, and Annotations (the type list can be extended as required).

Data objects are comparable to information carriers or data elements in Oracle BPA Suite. However, in the broadest sense they could encompass all assignments. Data objects influence neither the sequence flow nor the message flow, instead they supply information about what happens during the process. They show how documents, data, and other objects change during the process.

A Group is a graphical emphasis of associated process elements. In Oracle BPA Suite, graphic objects are ideally suited for this.

Alternatively, groupings could be used. However, this is only advisable if the grouping includes a graphic (see , upper right).

Annotations are remarks about objects or connections. In Oracle BPA Suite, they are realized with the help of the Remark/Example attribute. Important is that the attribute is placed in the model.

Figure 10–11 E-Mail Voting Process

shows how a business process diagram could be implemented according to BPMN in Oracle BPA Suite. The diagram contains two pools, with the boundaries of the upper pool hidden. The individual process elements for the lower pool are not shown.

10.1.3.15 Illustration Sources

Business Process Modeling Notation, Working Draft (1.0); BPMI.org; August 25, 2003; page 85.

Business Process Modeling Notation, Working Draft (1.0); BPMI.org; August 25, 2003; page 87.

and :

Business Process Modeling Notation, Working Draft (1.0); BPMI.org; August 25, 2003; page 27.

Business Process Modeling Notation, Working Draft (1.0); BPMI.org; August 25, 2003; page 28.

Business Process Modeling Notation, Working Draft (1.0); BPMI.org; August 25, 2003; page 28.

BPEL for Web Services in Oracle BPA Suite

The Business Process Execution Language for Web Services (BPEL4WS or BPEL) is a formal, XML-based description language for business processes that interact via Web services.

BPEL is based on the Web Service Flow Language (WSFL) from IBM and Web Services for Business Process Design (XLang) from Microsoft, and uses the specifications WSDL 1.1, XML Schema 1.0, XPath 1.0 and WS addressing.

The current specification can be found in version 1.1, dated May 5, 2003.

In addition to IBM and Microsoft, BEA, SAP, and Siebel Systems helped to devise the specification.

The **BPEL process** and **BPEL allocation diagram** model types available in Oracle BPA Suite support the current version of BPEL.

11.1 BPEL Process

BPEL supports two process types:

Executable business process (executable process)

Business protocol (abstract process)

An executable process describes the actual behavior of a business partner during an interaction. Different services are grouped into a process. The executable process can then be used as a service. An executable process implements the orchestration and cooperation of different Web services from the perspective of a business partner.

An abstract process describes the mutually visible message exchange procedure of the business partners, i.e., it implements the choreography. Each business partner describes its parts in the interaction. An abstract process implements the choreography.

By differentiating these two process types, it is possible to separate generally accessible aspects of a business process from the internal or personal aspects. The decision-making behavior and data management of a business partner can be protected. Changes in the "private" aspects do not necessarily have to lead to changes in the generally accessible areas.

Both process types are represented in Oracle BPA Suite in a model of the BPEL process type.

The special features of a BPEL process are explained below using a simplified example of order processing based on the example of the BPEL specification.

Order processing can be triggered on receipt of an order from a customer or receipt of an "internal" order, e.g., from another department in the same company.

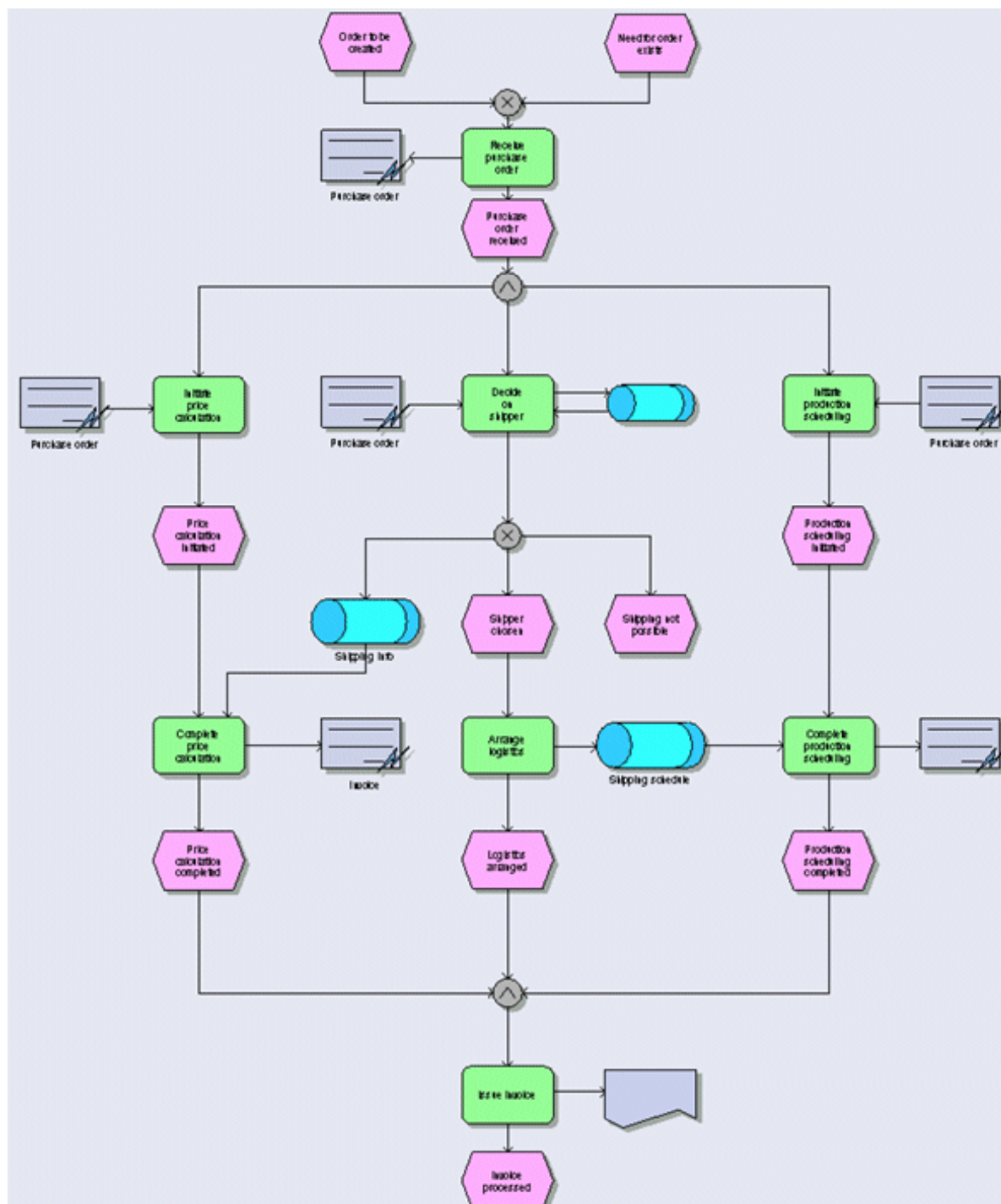
Once the order has been entered, the process is continued on three paths that can be processed in parallel. Production is planned, the carrier is identified, and the price is calculated.

However, there are dependencies to be observed between these process paths:

Prices can only be calculated if the shipping costs are available. The production schedule cannot be completed before the shipping schedule is available. The invoice can be processed only when all three subtasks have been completed. The process being considered ends when the invoice has been fully processed.

The following figure shows the process as an EPC:

Figure 11–1 Order Processing



To describe this process in BPEL, a model of the **BPEL process** type is created.

In general, it is advisable to use object names without blank spaces or special characters in BPEL models and use the same name in all languages. Object names must be unique. If objects with the same name are used, they must be allocated to the namespace they belong to. If an object is allocated to a namespace, the object is linked to the namespace by a connection of the **is nested** type with the corresponding namespace symbol.

Each process description contains four sections in line with BPEL4WS:

Variable definition

PartnerLink definition

Fault handling

Process flow

All data/message items used in the process are listed in the variable definition. Name and message type are specified for each variable. The message type can be a WSDL MessageType, an XML Schema Simple Type, or an XML Schema Element.

Variables are allocated to the process start or scope start in the BPEL process. Each variable must have exactly one such type allocation, and the names of the variables of a process or a scope must be unique.

Each message type must be described using one or more message parts. For each message part, exactly one type must be specified.

The following figure shows a variable with message type allocation:

Figure 11-2 Variables



The variables in our example are:

Order (**POMessage** type)

Shipping request (**ShippingRequestMessage** type)

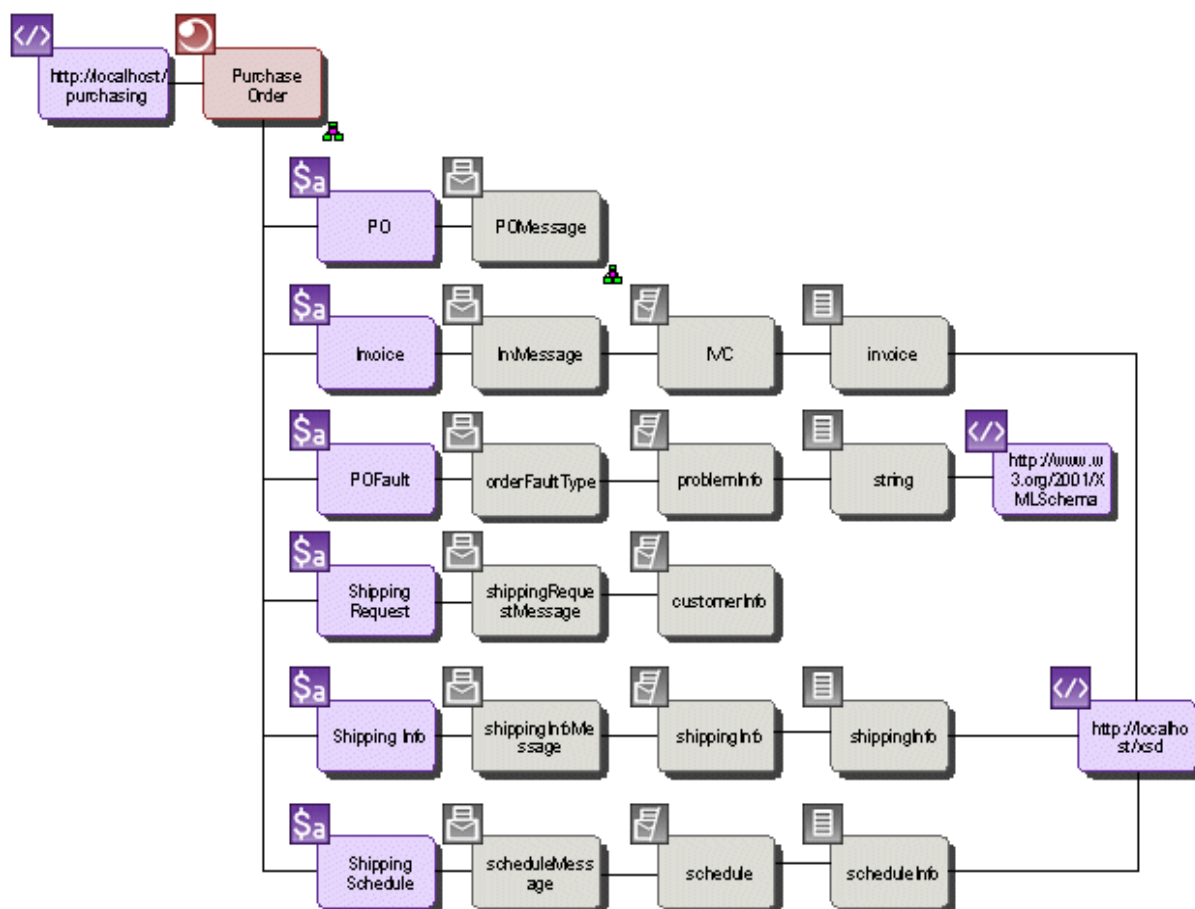
Shipping schedule (**ScheduleMessage** type)

Price information (**InvMessage** type)

Error message (**OrderFaultType** type)

The following figure shows the complete variable definition of our example in Oracle BPA Suite:

Figure 11-3 Variable Definition of the Example



All parties that interact with the process are listed using the PartnerLink definition. Each PartnerLink is of a specific PartnerLink type and has a role name.

Functionalities that must be provided by both process and partner service can be derived from the PartnerLink information, allowing them to interact. These are the PortTypes that each business partner must implement.

PartnerLinks are allocated to the process start in the BPEL process.

The PartnerLinks in our example are:

Purchasing: Transfer of the order

Invoicing: Transfer of the price information

Shipping: Transfer of the shipping cost information

Scheduling: Transfer of the shipping schedule

Now you need to determine for each "transfer points" whether it is a role of the process owner or of a participating business partner. You also need to specify the role name.

As the partner's view of the process is represented in an executable process, the role of the viewer (process owner) must now be specified for each of these PartnerLinks.

In the case of Purchasing, the viewer is the person who receives the order and provides the order processing service. The viewer has the **PurchaseService** role.

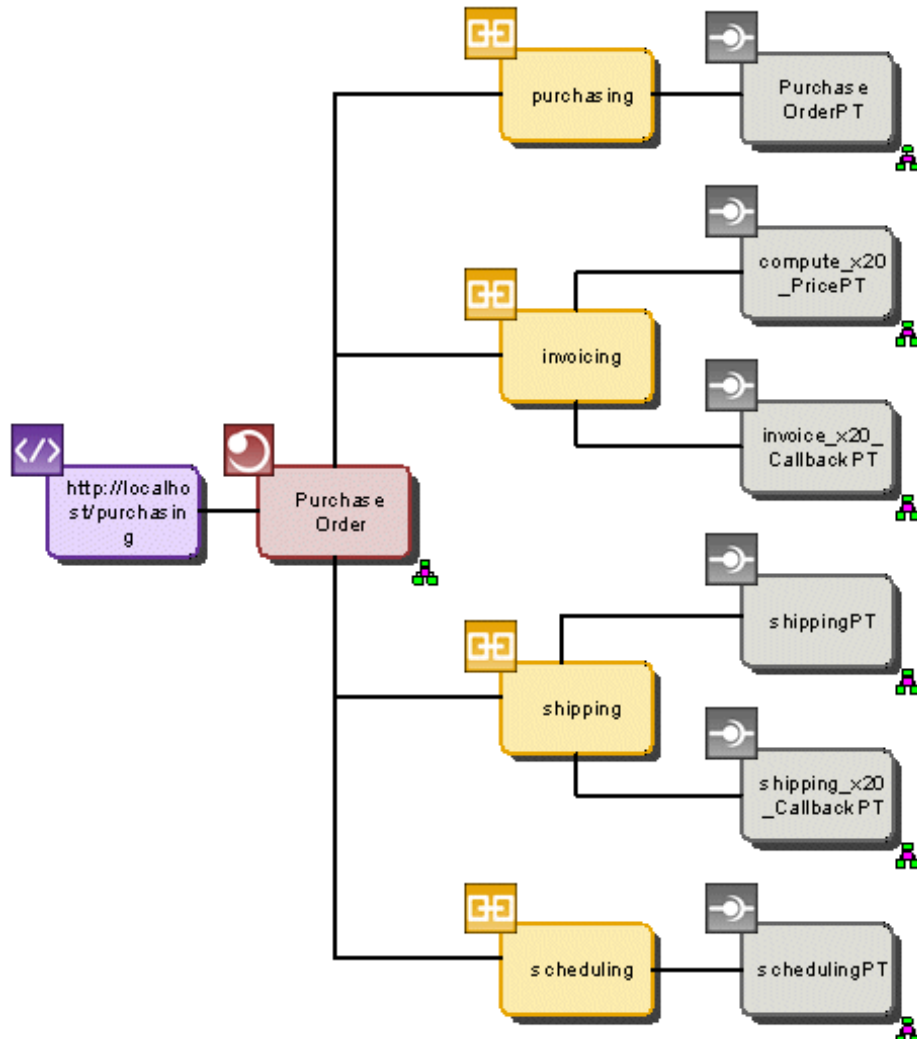
In Shipping, this is the person who wants to use a shipping service. This person has the **ShippingRequester** role.

In Invoicing, this is the person who receives the price information. This person has the **InvoiceRequester** role.

In the case of Scheduling, this is the person who receives the shipping schedule. This person has the role **SchedulingRequester** role.

The following figure shows the PartnerLink definition from the example:

Figure 11–4 PartnerLinks from the Example



The name of the role in the Connection role attribute is specified at the connection of the **links port type** type. The Role type attribute must specify whether the role specified is a proprietary role or the role of the process owner.

In the **Fault handling section**, activities are defined that must be performed if an internal fault occurs or another service is called unsuccessfully. Fault handling can be initiated either when a specific error occurs, or when any error occurs.

In the first case, the start object is linked with a Catch object. The triggering fault can be allocated to the Catch object. The variable to be output and the activities to be performed must be specified.

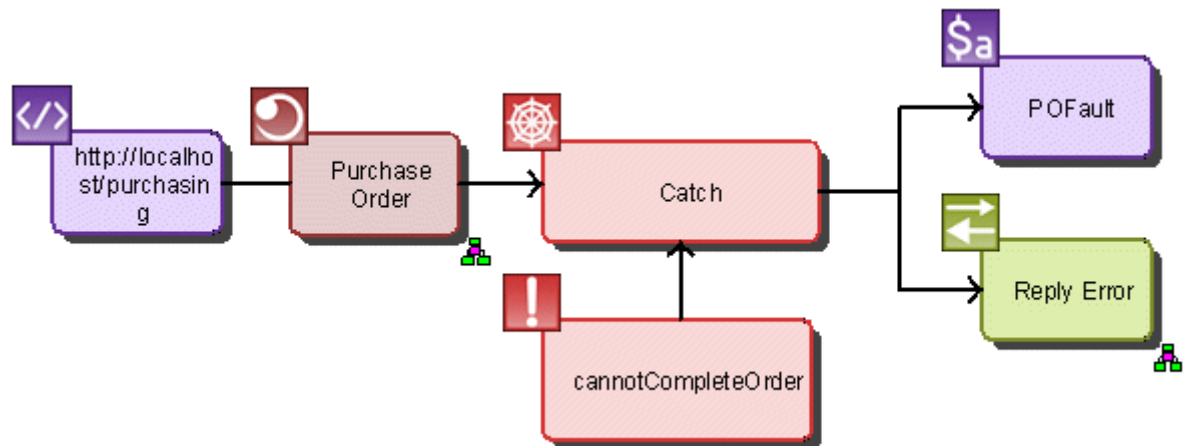
In the event of fault handling due to any error, the process start or scope start is linked to the activity to be performed with a connection of the **catches all** type.

Like the variable and PartnerLink definition, fault handling is allocated to the start object of a process or scope.

One fault that may occur in our example is that the order cannot be fully processed. In this case, it is necessary to inform the customer.

The following figure shows fault handling in the example:

Figure 11–5 Fault Handling Based on a Specific Error



The process flow describes successive activities that are performed during order processing. To link activities, connections of the **occurs before** type are used in general.

Each activity must have exactly one incoming and one outgoing connection of the **occurs before** type.

11.2 BPEL Activities

The different BPEL activities are described below and the special features of modeling are outlined.

Receive

Used if the process waits for a specific incoming message.

The following allocations must be created for a Receive:

PartnerLink

Operation (optional)

Variable (optional)

Correlation sets (optional)

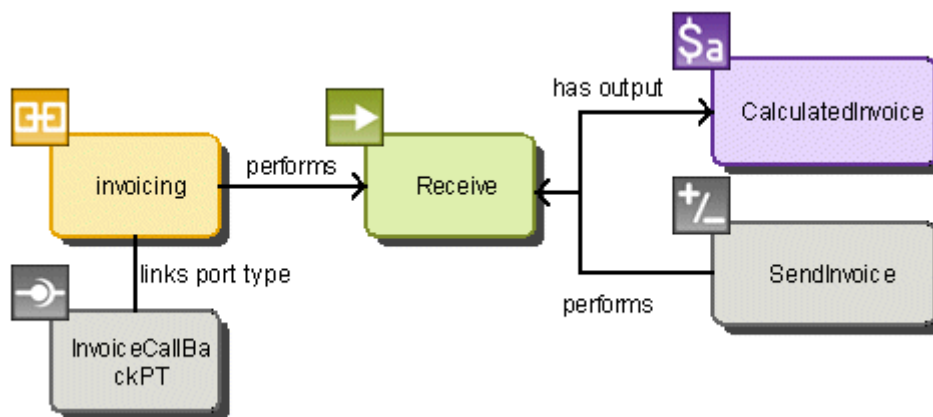
The following attributes can be maintained:

Name

Join condition

Suppress join failure

Create instance

Figure 11–6 Receive

Reply

Used if a message is sent to someone in the process from whom a message was previously received by Receive. A combination of Receive and Reply is a request-response operation.

The following allocations must be created for a Reply:

PartnerLink

Operation

Variable (optional)

Correlation sets (optional)

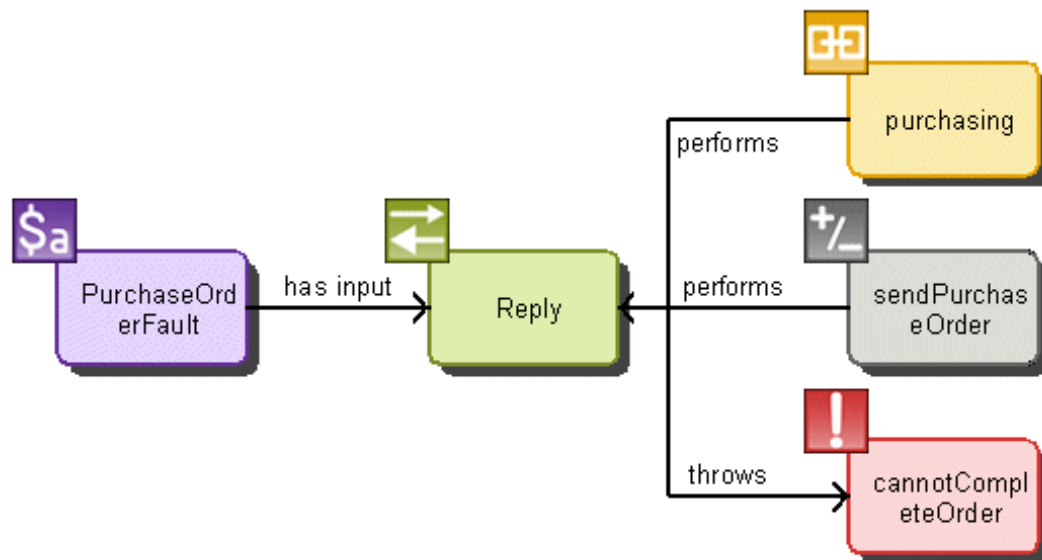
Fault

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–7 Reply**Invoke**

Used if a one-way or request-response operation of a partner is addressed in the process.

The following allocations must be created for an Invoke:

PartnerLink

Operation

Input variable (optional)

Output variable (optional)

Correlation sets (optional)

Fault handler (optional)

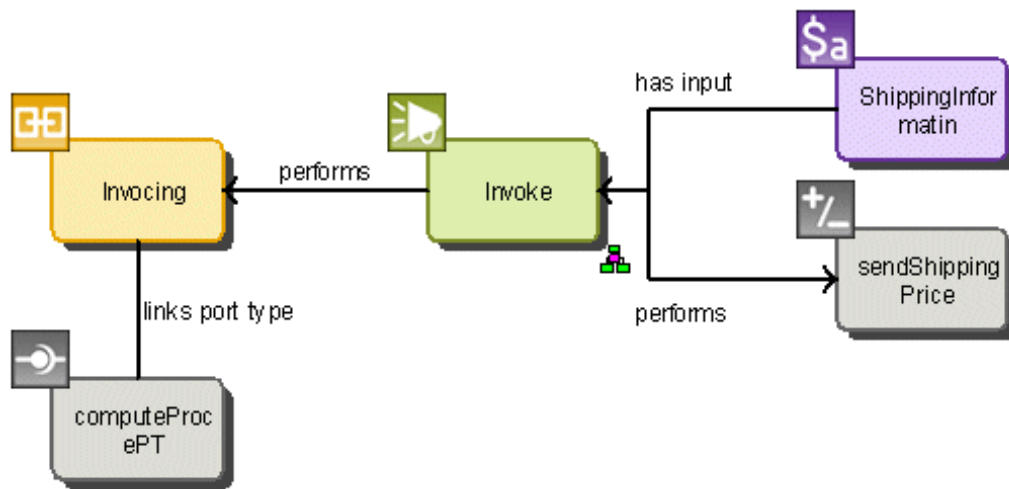
Compensation handler (optional)

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–8 Invoke**Assign**

Used to update the values of variables.

The following allocations must be created for an Assign:

At least one Copy with From and To specification of the variable and message parts.

Dummy

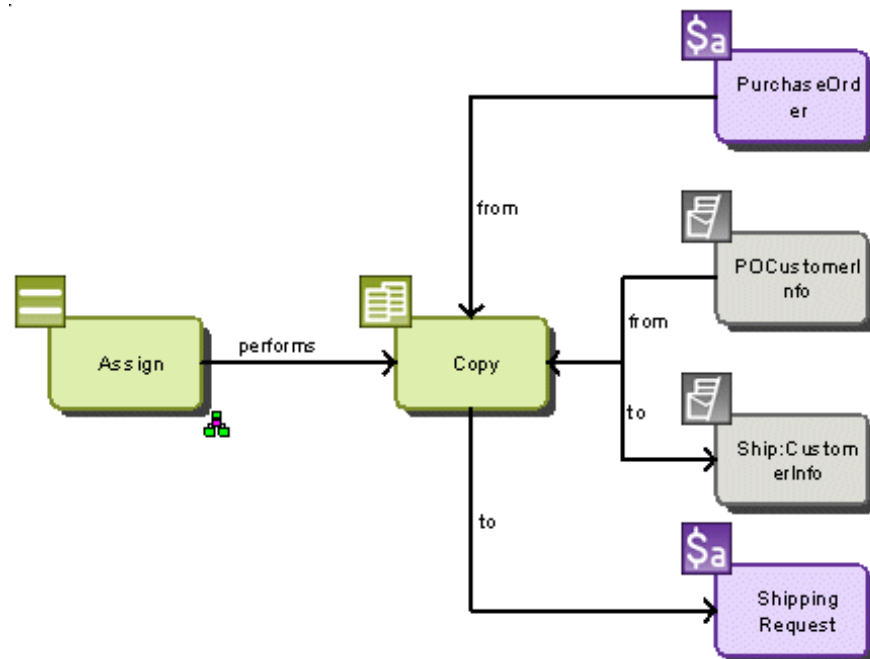
The following attributes can be maintained:

Name

Join condition

Suppress join failure

Sequence order (only in connection) with Copy

Figure 11–9 Assign**Throw**

Used if an error message is to be generated within a process.

The following allocations must be created for a Throw:

Fault

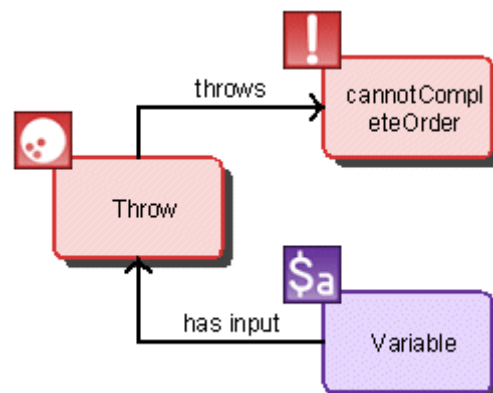
Fault variable (optional)

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–10 Throw**Wait**

Used if the process is to wait for a specific amount of time or if a specific point in time must be reached.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Type with the **For** or **Until** value

Condition expression

Figure 11–11 Wait



Empty

Used as a wildcard in the process, e.g., if concurrent activities have to be synchronized.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–12 Empty



Terminate

Used if execution of the process is to be aborted immediately. All activities running at this time are aborted as quickly as possible without fault handling or reset measures. A Terminate activity is permitted in executable processes only.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–13 Terminate**Sequence**

Used to create a collection of activities that are performed in the correct order.

Sequences can be modeled in implicit or explicit form. Each series of activities related to each other by connections of the **occurs before** type forms an implicit sequence. An explicit sequence is modeled using the Sequence symbol.

The explicit sequence must be used, e.g., if the relevant series of activities has dependencies on other activities and the sequence has an incoming or outgoing connection of the **links** type.

A Sequence object must have at least one outgoing connection of the **starts with** type to an activity.

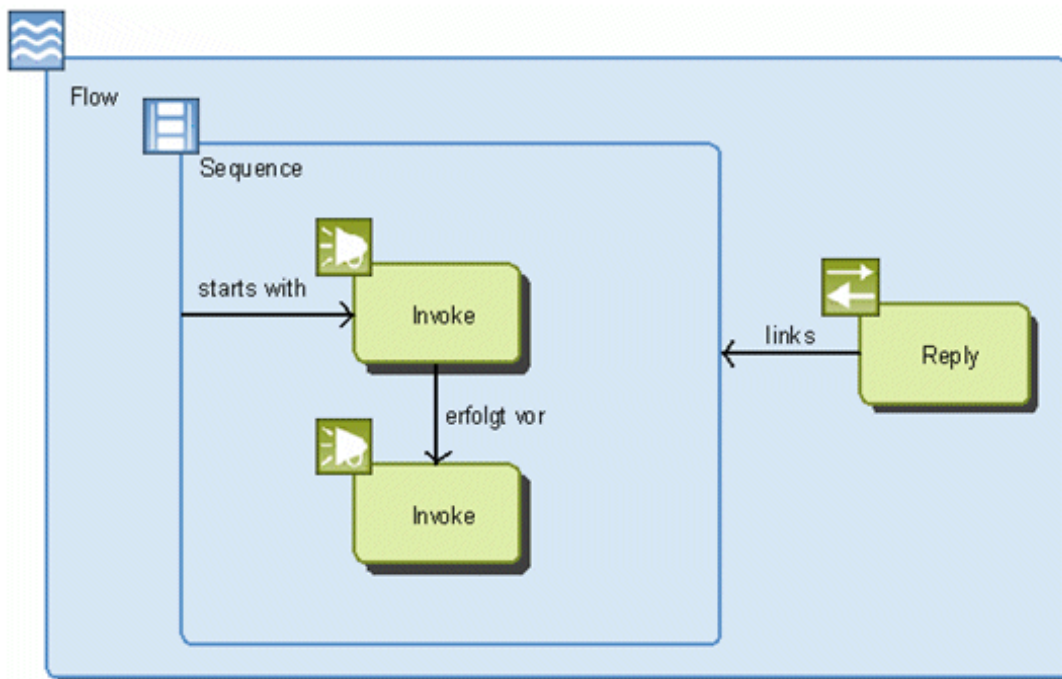
All other activities in the sequence that follow a start activity are linked by connections of the occurs before type.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–14 Sequence**Switch**

Used if a case differentiation is made in the process. The process is continued depending on a condition with a single activity and the activities that follow it. A default activity can be specified in case none of the conditions are met.

A switch must have at least one outgoing connection of the **has case** type to an activity. All activities that follow this start activity are linked by connections of the occurs before type. No connection of the **performs** type to the Switch object must be created for these objects.

The **Sequence order** and **Condition expression** attributes must be maintained for each of these connections.

The **Default** attribute can be set for a single connection. If the condition check for the connections does not return the **True** value for any of them, the process is continued using the path specified as the default.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Figure 11–15 Switch



While

Used if activities must be performed repeatedly until a specific abort condition is met.

A While object must have at least one outgoing connection of the **performs** type to an activity. All further repeatedly executed activities are linked by connections of the occurs before type. No connection of the **performs** type to the While object must be created for these objects.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Path condition

Figure 11–16 While



Pick

Used if the process is stopped at a particular point and must wait for a specific incoming message or a time-out alarm before the following activity is performed and Pick is ended.

The following attributes can be maintained:

Name

Join condition

Suppress join failure

Create instance

A pick must have at least one outgoing connection of the **defines** type to an On message object. The following objects must be allocated to the On message object:

PartnerLink

Operation

Variable (optional)

Correlation sets (optional)

Each pick can also have any number of outgoing connections of the **performs** type to On alarm objects. The following attributes must be maintained for the On alarm object:

Type with the **For** or **Until** value

Condition expression

Exactly one activity must be allocated to each On alarm and On message object.

Figure 11-17 Pick



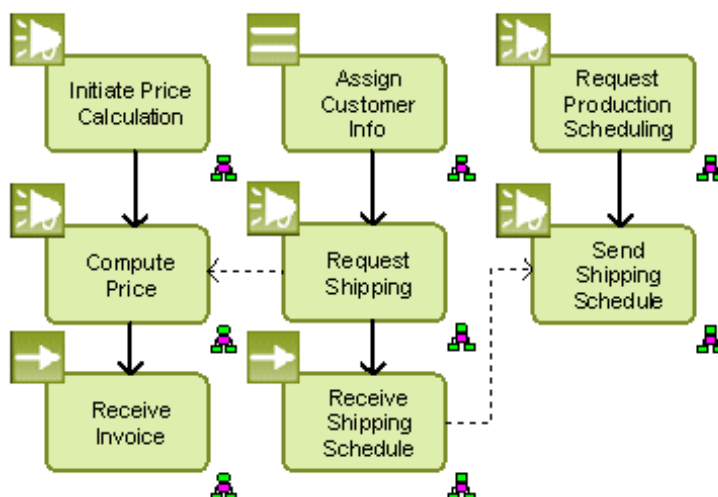
Flow

Used if the process flow is continued on parallel paths. A Flow is ended if all allocated activities have been completed. Dependencies between activities in a Flow are identified as links. For example, this is the case if a specific activity can be performed only when another has finished.

Each Flow object must have at least one outgoing connection of the **performs** type to a start activity of a parallel path.

All other activities that belong to a parallel path are linked exclusively by connections of the occurs before type. No connections of the **perform** type must be created from the Flow object to these activities.

Connections of the **links** type are optional. If a links connection is created, the **Connection role** and **Transition condition** attributes can be maintained.

Figure 11–18 Flow

Scope

Used if an activity is embedded in the process with custom variables, fault handling, and reset measures. In Oracle BPA Suite, each scope is marked with a ScopeStart and a ScopeEnd object.

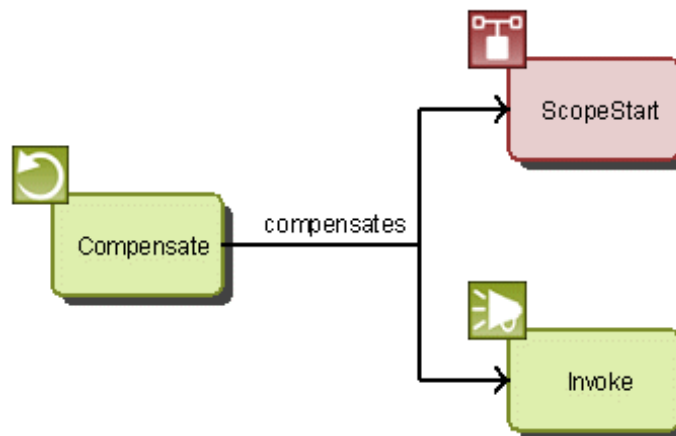
Like a process start, each scope start can have allocations of variables, correlation sets, fault handling, etc.

Figure 11–19 Scope

Compensate

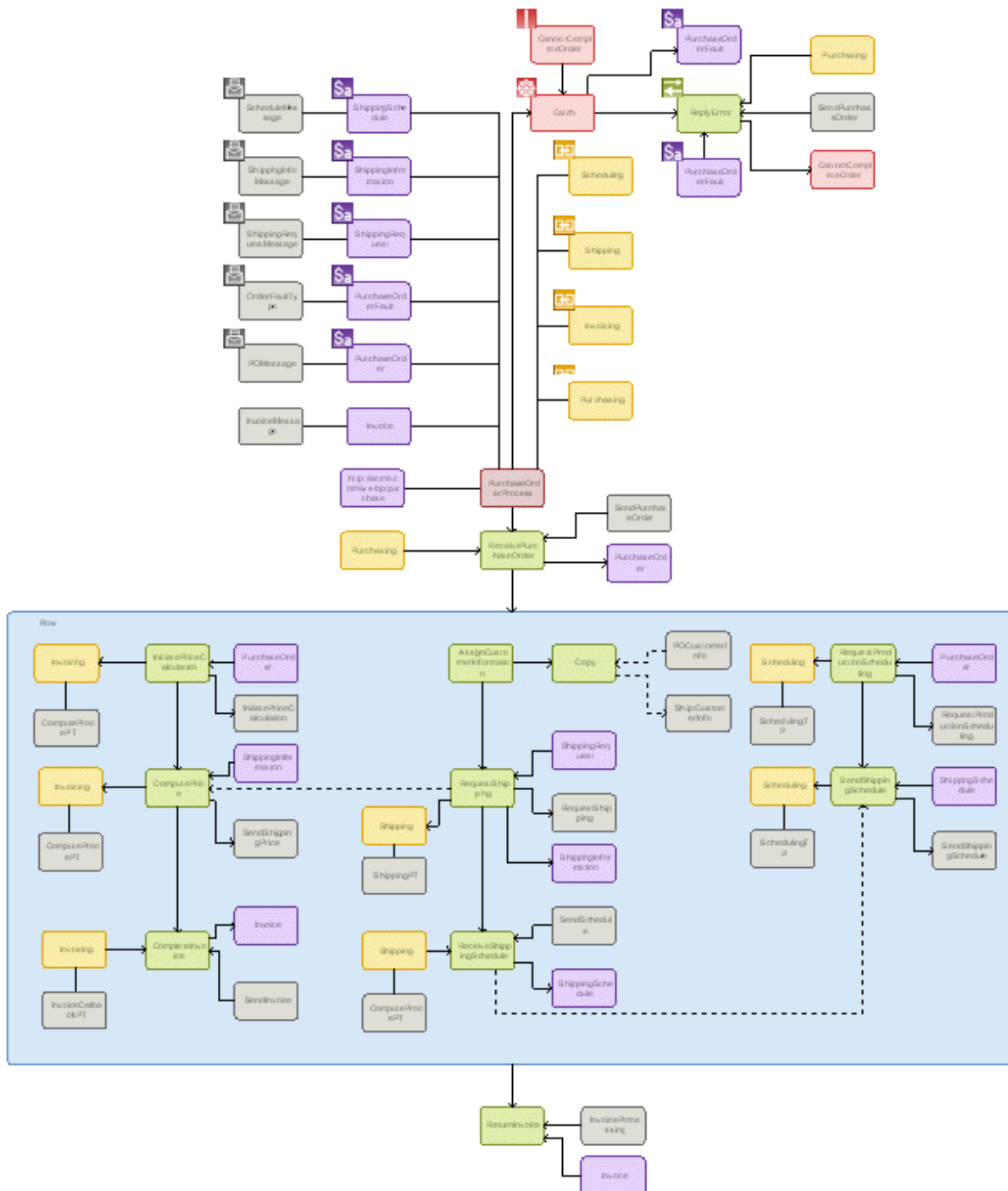
Used if all changes that can be traced back to activities of a previously successfully completed scope are to be undone. A Compensate activity can only be triggered within fault handling or another reset measure.

Figure 11–20 *Compensate*



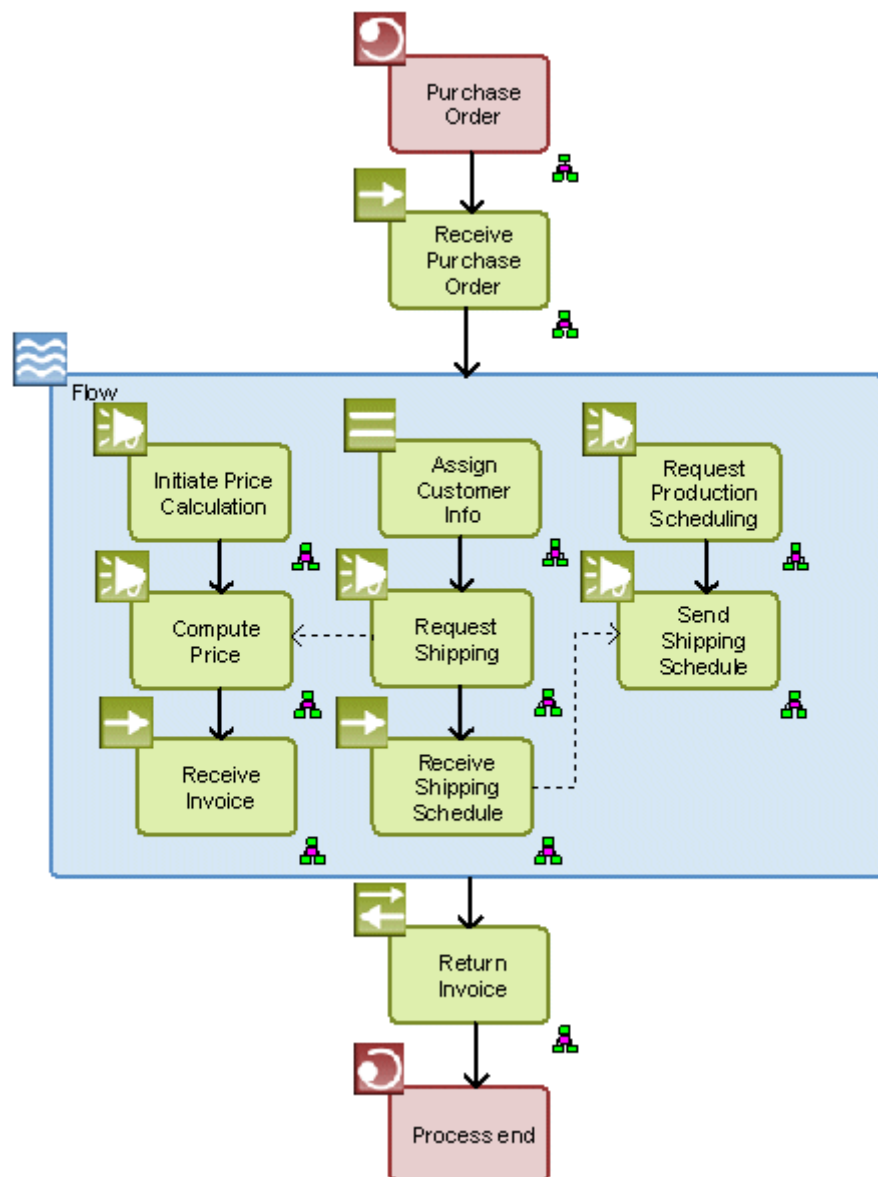
The following figure shows the completely modeled BPEL process for order processing:

Figure 11–21 BPEL Process - Order Processing



As the simplified process example shows, BPEL processes can become complex very quickly. Therefore, it is advisable to store detailed descriptions of the Process start object and the activities in models of the **BPEL allocation diagram** type.

The following figure shows the process flow only:

Figure 11–22 BPEL Process - Flow

11.3 BPEL Allocation Diagram

The different BPEL items from a BPEL process can be described in detail in a BPEL allocation diagram.

Allocations to activities and general header information of a process (e.g., business partners involved, Web services used) can be transferred from the BPEL process to an assigned BPEL allocation diagram for storage, thus retaining the transparency of the process.

11.4 BPEL Extensibility in Oracle BPA Suite BPEL Notation

11.4.1 Introduction

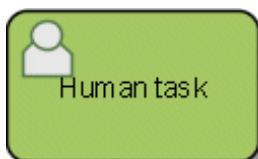
The BPEL4WS 1.1 specification standardized by OASIS defines the concepts required for executing fully automated processes. However, practice shows that fully automated processes represent just a small share of processes actually executed. Most processes comprise manual activities that must be carried out by staff. The complex calculations and data transformations needed to process data that the called Web services uses are another problem.

The BPEL standard version 1.1. does not define any concepts for solving these problems. Therefore, leading manufacturers of execution platforms (such as Microsoft, IBM, Oracle or SAP) have supplemented the BPEL specification with proprietary concepts that eliminate the above issues. Nevertheless, the XML code created to describe these extensions is not always the same. This leads, for example, to the BPEL process definition created by Oracle to solve issues related to executing human tasks not being compatible with the code created by IBM, which solves the same problem.

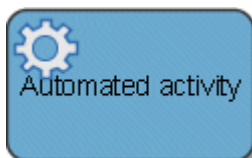
11.4.2 What is Displayed in the Extension Dialog Boxes?

In Oracle Business Process Architect, you can model platform-specific extensions of the BPEL standard. The following extensions exist:

Human task



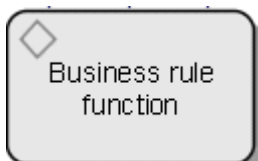
Automated activity



Business rule function



Notification



These extensions are modeled in dialog boxes. Four dialog box views are available:

Business view - Standard

Business view - Extended

IT view - Standard

IT view - Extended

In the Business view, objects and attributes of Oracle-specific extensions are displayed and can be edited.

The IT view is for display purposes only and contains data only if the business model was transformed into a model of the BPEL Process type. The extension is not assigned any model and its properties are maintained via attributes.

If several BPEL models (i.e., several transformations) exist for a business process the status of the newest BPEL process is displayed.

If the standard view is activated, an extension's most frequently used objects and attributes are displayed.

In the extended view, all attributes and objects are displayed that have not been displayed in the standard view.

You can edit in both the standard and extended Business view.

Note: We recommend that you make changes to the process in the business process and then re-transform the business process. If you model directly in the BPEL process, data in the Business view and IT view can differ.

You can also manually maintain or model attributes and the function allocation diagram of the extension. To do this, you are provided with more detailed definition options.

11.4.3 What Do You Need to Take into Account when Modeling Extensions?

Extensions must have unique names and be uniquely assigned to a function allocation diagram (FAD). The name of the FAD must be unique, too.

Modeling a Notification Extension

A Notification extension requires a receiver and an information carrier as a data source in an FAD. The notification must be linked to the information carrier by a creates output to connection. The Channel attribute must be set at the information carrier. The information carrier is linked to a person type via an is used by connection with a specified Kind of copy (receiver) attribute.

Modeling a Human Task Extension

At least one event must follow a **Human task** extension. The **Priority** attribute at the extension must be maintained.

In the extension's FAD, at least one **Workflow pattern** object must be connected to the Human task via a **uses** connection. Depending on the **Workflow pattern** attribute value of the **Workflow pattern** object, the assignees must be specified as organizational units (Person type) via a **contributes to** connection: **Single approver** and **FYI assignee** require exactly one organizational unit, all others require at least one. For multiple assignees (exception: **Group vote**), you must specify an ascending execution sequence (starting with 1) on the **contributes to** connection.

Modeling an Automated Activity Extension

The **Represented by** attribute must be maintained at the Automated activity.

Modeling a Business Rule Function Extension

A **Business rule function extension** requires a business rule object as a data source in an FAD. The business rule function must be linked to the business rule object via a **describes** connection.

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13.1 Model Types - Specific Object Types

13.1.1 Access diagram

Table 13–1 *Model Type*

Model Type	Object Type
Access diagram	Application system class
Access diagram	Application system type
Access diagram	Attribute
Access diagram	Attribute type group
Access diagram	Class
Access diagram	Cluster/Data model
Access diagram	Component
Access diagram	DBMS type
Access diagram	Documented knowledge
Access diagram	ERM attribute
Access diagram	Entity type
Access diagram	Event
Access diagram	Field
Access diagram	Function
Access diagram	Functional cluster
Access diagram	Graphical user interface type
Access diagram	Group
Access diagram	Hardware component
Access diagram	Hardware component type
Access diagram	IS function
Access diagram	IS service
Access diagram	IT function class
Access diagram	IT function type
Access diagram	Information carrier

Table 13–1 (Cont.) Model Type

Model Type	Object Type
Access diagram	Information flow
Access diagram	KPI instance
Access diagram	Knowledge category
Access diagram	List
Access diagram	Location
Access diagram	Module class
Access diagram	Module type
Access diagram	Objective
Access diagram	Operating system
Access diagram	Operating system type
Access diagram	Organizational unit
Access diagram	Organizational unit type
Access diagram	Person
Access diagram	Person type
Access diagram	Position
Access diagram	Programming language
Access diagram	Protocol
Access diagram	Relation
Access diagram	Relationship type
Access diagram	Risk
Access diagram	Screen
Access diagram	Socket
Access diagram	Table
Access diagram	Technical term
Access diagram	View
Access diagram	View (physical)

13.1.2 Access diagram (physical)

Table 13–2 Model Type

Model Type	Object Type
Access diagram (physical)	Application system
Access diagram (physical)	Application system class
Access diagram (physical)	Application system type
Access diagram (physical)	Attribute
Access diagram (physical)	Attribute type group
Access diagram (physical)	Class
Access diagram (physical)	Cluster/Data model
Access diagram (physical)	DBMS
Access diagram (physical)	Documented knowledge
Access diagram (physical)	ERM attribute
Access diagram (physical)	Entity type

Table 13–2 (Cont.) Model Type

Model Type	Object Type
Access diagram (physical)	Field
Access diagram (physical)	Field (specimen)
Access diagram (physical)	Function
Access diagram (physical)	Group
Access diagram (physical)	Hardware component
Access diagram (physical)	IT function
Access diagram (physical)	IT function class
Access diagram (physical)	IT function type
Access diagram (physical)	Information carrier
Access diagram (physical)	Information flow
Access diagram (physical)	KPI instance
Access diagram (physical)	Knowledge category
Access diagram (physical)	List
Access diagram (physical)	Location
Access diagram (physical)	Module
Access diagram (physical)	Module class
Access diagram (physical)	Module type
Access diagram (physical)	Objective
Access diagram (physical)	Organizational unit
Access diagram (physical)	Organizational unit type
Access diagram (physical)	Person
Access diagram (physical)	Person type
Access diagram (physical)	Position
Access diagram (physical)	Program module
Access diagram (physical)	Program module type
Access diagram (physical)	Relation
Access diagram (physical)	Relationship type
Access diagram (physical)	Risk
Access diagram (physical)	Screen
Access diagram (physical)	Table
Access diagram (physical)	Tables (specimen)
Access diagram (physical)	Technical term
Access diagram (physical)	View
Access diagram (physical)	View (physical)

13.1.3 Application system diagram

Table 13–3 Model Type

Model Type	Object Type
Application system diagram	Application system
Application system diagram	Application system type
Application system diagram	DBMS

Table 13–3 (Cont.) Model Type

Model Type	Object Type
Application system diagram	DBMS type
Application system diagram	Function
Application system diagram	Graphical user interface type
Application system diagram	IT function
Application system diagram	IT function type
Application system diagram	List
Application system diagram	Module
Application system diagram	Module type
Application system diagram	Operating system type
Application system diagram	Program library
Application system diagram	Program module
Application system diagram	Program module type
Application system diagram	Programming language
Application system diagram	Screen

13.1.4 Application system type diagram

Table 13–4 Model Type

Model Type	Object Type
Application system type diagram	Application system class
Application system type diagram	Application system type
Application system type diagram	DBMS type
Application system type diagram	Draft list
Application system type diagram	Function
Application system type diagram	Functional cluster
Application system type diagram	Graphical user interface type
Application system type diagram	IS function
Application system type diagram	IS service
Application system type diagram	IT function class
Application system type diagram	IT function type
Application system type diagram	List
Application system type diagram	Module class
Application system type diagram	Module type
Application system type diagram	Objective
Application system type diagram	Operating system type
Application system type diagram	Program module type
Application system type diagram	Programming language
Application system type diagram	Screen
Application system type diagram	Screen design
Application system type diagram	Socket

13.1.5 Application system type diagram (column display)

Table 13–5 Model Type

Model Type	Object Type
Application system type diagram (column display)	Application system type
Application system type diagram (column display)	Function
Application system type diagram (column display)	Functional cluster
Application system type diagram (column display)	IS function
Application system type diagram (column display)	IS service
Application system type diagram (column display)	IT function type
Application system type diagram (column display)	Socket

13.1.6 Attribute allocation diagram

Table 13–6 Model Type

Model Type	Object Type
Attribute allocation diagram	Attribute
Attribute allocation diagram	Domain
Attribute allocation diagram	ERM attribute
Attribute allocation diagram	Relation
Attribute allocation diagram	Relationship type

13.1.7 Authorization hierarchy

Table 13–7 Model Type

Model Type	Object Type
Authorization hierarchy	Authorization condition

13.1.8 Authorization map

Table 13–8 Model Type

Model Type	Object Type
Authorization map	Authorization condition
Authorization map	Group
Authorization map	Location
Authorization map	Organizational unit
Authorization map	Organizational unit type
Authorization map	Person
Authorization map	Person type
Authorization map	Position

13.1.9 BPEL allocation diagram

Table 13–9 Model Type

Model Type	Object Type
BPEL allocation diagram	Attribute type group
BPEL allocation diagram	Class
BPEL allocation diagram	ERM attribute
BPEL allocation diagram	Event
BPEL allocation diagram	Exception
BPEL allocation diagram	Function
BPEL allocation diagram	Loop start
BPEL allocation diagram	Object instance
BPEL allocation diagram	Package
BPEL allocation diagram	Parameter
BPEL allocation diagram	Partner
BPEL allocation diagram	Partner link
BPEL allocation diagram	Rule

13.1.10 BPEL process

Table 13–10 Model Type

Model Type	Object Type
BPEL process	Attribute type group
BPEL process	Class
BPEL process	ERM attribute
BPEL process	Event
BPEL process	Exception
BPEL process	Function
BPEL process	Loop start
BPEL process	Object instance
BPEL process	Package
BPEL process	Parameter
BPEL process	Partner
BPEL process	Partner link
BPEL process	Rule

13.1.11 Business controls diagram

Table 13–11 Model Type

Model Type	Object Type
Business controls diagram	Application system type
Business controls diagram	Employee variable
Business controls diagram	Function
Business controls diagram	Function instance
Business controls diagram	Group

Table 13–11 (Cont.) Model Type

Model Type	Object Type
Business controls diagram	Information carrier
Business controls diagram	Location
Business controls diagram	Objective
Business controls diagram	Organizational unit
Business controls diagram	Organizational unit type
Business controls diagram	Person
Business controls diagram	Person type
Business controls diagram	Position
Business controls diagram	Risk
Business controls diagram	Technical term
Business controls diagram	Test definition

13.1.12 Business process diagram (BPMN)

Table 13–12 Model Type

Model Type	Object Type
Business process diagram (BPMN)	Application system
Business process diagram (BPMN)	Application system class
Business process diagram (BPMN)	Application system type
Business process diagram (BPMN)	Business object
Business process diagram (BPMN)	COT attribute
Business process diagram (BPMN)	Class
Business process diagram (BPMN)	Cluster/Data model
Business process diagram (BPMN)	Complex object type
Business process diagram (BPMN)	Component
Business process diagram (BPMN)	ERM attribute
Business process diagram (BPMN)	Entity type
Business process diagram (BPMN)	Event
Business process diagram (BPMN)	Function
Business process diagram (BPMN)	Group
Business process diagram (BPMN)	IT function
Business process diagram (BPMN)	IT function class
Business process diagram (BPMN)	IT function type
Business process diagram (BPMN)	Information carrier
Business process diagram (BPMN)	Lane
Business process diagram (BPMN)	Location
Business process diagram (BPMN)	Module
Business process diagram (BPMN)	Module class
Business process diagram (BPMN)	Module type
Business process diagram (BPMN)	Organizational unit
Business process diagram (BPMN)	Organizational unit type
Business process diagram (BPMN)	Package

Table 13–12 (Cont.) Model Type

Model Type	Object Type
Business process diagram (BPMN)	Person
Business process diagram (BPMN)	Person type
Business process diagram (BPMN)	Pool
Business process diagram (BPMN)	Position
Business process diagram (BPMN)	Relationship type
Business process diagram (BPMN)	Rule
Business process diagram (BPMN)	System organizational unit
Business process diagram (BPMN)	System organizational unit type
Business process diagram (BPMN)	Technical term

13.1.13 Business segment matrix

Table 13–13 Model Type

Model Type	Object Type
Business segment matrix	Business segment
Business segment matrix	Group
Business segment matrix	Organizational unit
Business segment matrix	Organizational unit type
Business segment matrix	Person type
Business segment matrix	Position
Business segment matrix	Product/Service

13.1.14 c3 method

Table 13–14 Model Type

Model Type	Object Type
c3 method	Entity type
c3 method	Function
c3 method	Group
c3 method	Improvement potential
c3 method	Knowledge category
c3 method	Location
c3 method	Objective
c3 method	Organizational unit
c3 method	Organizational unit type
c3 method	Person
c3 method	Person type
c3 method	Position
c3 method	Risk
c3 method	Structural element
c3 method	Tool

13.1.15 CD Diagram

Table 13–15 *Model Type*

Model Type	Object Type
CD Diagram	Cost driver

13.1.16 Class diagram

Table 13–16 *Model Type*

Model Type	Object Type
Class diagram	Attribute type group
Class diagram	Class
Class diagram	Cluster/Data model
Class diagram	ERM attribute
Class diagram	ERM domain
Class diagram	Entity type
Class diagram	Event
Class diagram	Function
Class diagram	Generalization type
Class diagram	Relationship type
Class diagram	Rule
Class diagram	Technical term

13.1.17 Classification diagram

Table 13–17 *Model Type*

Model Type	Object Type
Classification diagram	Classification criterion
Classification diagram	Function
Classification diagram	Object type class

13.1.18 Communications diagram

Table 13–18 *Model Type*

Model Type	Object Type
Communications diagram	Communication
Communications diagram	Organizational unit
Communications diagram	Organizational unit type

13.1.19 Competition model

Table 13–19 *Model Type*

Model Type	Object Type
Competition model	Organizational unit
Competition model	Product/Service

13.1.20 Cost category diagram

Table 13–20 *Model Type*

Model Type	Object Type
Cost category diagram	Cost category

13.1.21 DTD

Table 13–21 *Model Type*

Model Type	Object Type
DTD	Attribute type
DTD	Conditional section
DTD	Contents
DTD	Enumeration
DTD	Enumeration attribute type
DTD	Item type
DTD	Sequence
DTD	XOR

13.1.22 DW structure

Table 13–22 *Model Type*

Model Type	Object Type
DW structure	Cluster/Data model
DW structure	ERM attribute
DW structure	Entity type

13.1.23 DW transformation

Table 13–23 *Model Type*

Model Type	Object Type
DW transformation	Cluster/Data model
DW transformation	ERM attribute
DW transformation	Entity type
DW transformation	Function

13.1.24 E-Business scenario diagram

Table 13–24 *Model Type*

Model Type	Object Type
E-Business scenario diagram	Application system
E-Business scenario diagram	Application system type
E-Business scenario diagram	Cluster/Data model
E-Business scenario diagram	Function
E-Business scenario diagram	Information carrier

Table 13–24 (Cont.) Model Type

Model Type	Object Type
E-Business scenario diagram	Organizational unit type
E-Business scenario diagram	Person type
E-Business scenario diagram	Product/Service
E-Business scenario diagram	Security protocol

13.1.25 eERM

Table 13–25 Model Type

Model Type	Object Type
eERM	Application system type
eERM	Attribute type group
eERM	COT attribute
eERM	Cluster/Data model
eERM	ERM attribute
eERM	ERM domain
eERM	Entity type
eERM	Enumeration
eERM	Enumeration occurrence
eERM	Functional cluster
eERM	Generalization type
eERM	IS function
eERM	IS service
eERM	IT function type
eERM	Measurement unit
eERM	Measurement unit number
eERM	Relationship type
eERM	Socket

13.1.26 eERM attribute allocation diagram

Table 13–26 Model Type

Model Type	Object Type
eERM attribute allocation diagram	Attribute type group
eERM attribute allocation diagram	COT attribute
eERM attribute allocation diagram	ERM attribute
eERM attribute allocation diagram	ERM domain
eERM attribute allocation diagram	Entity type
eERM attribute allocation diagram	Enumeration
eERM attribute allocation diagram	Enumeration occurrence
eERM attribute allocation diagram	Generalization type
eERM attribute allocation diagram	Measurement unit
eERM attribute allocation diagram	Measurement unit number
eERM attribute allocation diagram	Relationship type

13.1.27 Enterprise architecture model

Table 13–27 Model Type

Model Type	Object Type
Enterprise architecture model	Functional cluster
Enterprise architecture model	IS function
Enterprise architecture model	IS service

13.1.28 Enterprise architecture model (column display)

Table 13–28 Model Type

Model Type	Object Type
Enterprise architecture model (column display)	Functional cluster
Enterprise architecture model (column display)	IS function
Enterprise architecture model (column display)	IS service

13.1.29 EPC

Table 13–29 Model Type

Model Type	Object Type
EPC	Application system
EPC	Application system class
EPC	Application system type
EPC	Attribute type group
EPC	Authorization condition
EPC	Business object
EPC	Business rule
EPC	COT attribute
EPC	Class
EPC	Cluster/Data model
EPC	Complex object type
EPC	Component
EPC	Cost category
EPC	Cost driver
EPC	Documented knowledge
EPC	Draft list
EPC	ERM attribute
EPC	Employee variable
EPC	Entity type
EPC	Event
EPC	Function
EPC	Functional cluster
EPC	General resource
EPC	Group
EPC	Hardware component type

Table 13–29 (Cont.) Model Type

Model Type	Object Type
EPC	IS function
EPC	IS service
EPC	IT function
EPC	IT function type
EPC	Information carrier
EPC	Item type
EPC	KPI instance
EPC	Knowledge category
EPC	List
EPC	Location
EPC	Module
EPC	Module type
EPC	Objective
EPC	Operating resource
EPC	Organizational unit
EPC	Organizational unit type
EPC	Package
EPC	Person
EPC	Person type
EPC	Position
EPC	Product/Service
EPC	Relationship type
EPC	Risk
EPC	Rule
EPC	Screen
EPC	Screen design
EPC	Socket
EPC	System organizational unit
EPC	System organizational unit type
EPC	Technical term
EPC	Workflow pattern

13.1.30 EPC (column display)

Table 13–30 Model Type

Model Type	Object Type
EPC (column display)	Application system
EPC (column display)	Application system class
EPC (column display)	Application system type
EPC (column display)	Attribute type group
EPC (column display)	Authorization condition
EPC (column display)	Business object

Table 13–30 (Cont.) Model Type

Model Type	Object Type
EPC (column display)	Business rule
EPC (column display)	COT attribute
EPC (column display)	Class
EPC (column display)	Cluster/Data model
EPC (column display)	Complex object type
EPC (column display)	Component
EPC (column display)	Cost category
EPC (column display)	Cost driver
EPC (column display)	Documented knowledge
EPC (column display)	Draft list
EPC (column display)	ERM attribute
EPC (column display)	Employee variable
EPC (column display)	Entity type
EPC (column display)	Event
EPC (column display)	Function
EPC (column display)	Functional cluster
EPC (column display)	General resource
EPC (column display)	Group
EPC (column display)	Hardware component type
EPC (column display)	IS function
EPC (column display)	IS service
EPC (column display)	IT function
EPC (column display)	IT function type
EPC (column display)	Information carrier
EPC (column display)	Item type
EPC (column display)	KPI instance
EPC (column display)	Knowledge category
EPC (column display)	List
EPC (column display)	Location
EPC (column display)	Module
EPC (column display)	Module type
EPC (column display)	Objective
EPC (column display)	Operating resource
EPC (column display)	Organizational unit
EPC (column display)	Organizational unit type
EPC (column display)	Package
EPC (column display)	Person
EPC (column display)	Person type
EPC (column display)	Position
EPC (column display)	Product/Service
EPC (column display)	Relationship type
EPC (column display)	Risk

Table 13–30 (Cont.) Model Type

Model Type	Object Type
EPC (column display)	Rule
EPC (column display)	Screen
EPC (column display)	Screen design
EPC (column display)	Socket
EPC (column display)	System organizational unit
EPC (column display)	System organizational unit type
EPC (column display)	Technical term
EPC (column display)	Workflow pattern

13.1.31 EPC (horizontal table display)

Table 13–31 Model Type

Model Type	Object Type
EPC (horizontal table display)	Application system
EPC (horizontal table display)	Application system class
EPC (horizontal table display)	Application system type
EPC (horizontal table display)	Attribute type group
EPC (horizontal table display)	Authorization condition
EPC (horizontal table display)	Business object
EPC (horizontal table display)	Business rule
EPC (horizontal table display)	COT attribute
EPC (horizontal table display)	Class
EPC (horizontal table display)	Cluster/Data model
EPC (horizontal table display)	Complex object type
EPC (horizontal table display)	Component
EPC (horizontal table display)	Cost category
EPC (horizontal table display)	Cost driver
EPC (horizontal table display)	Documented knowledge
EPC (horizontal table display)	Draft list
EPC (horizontal table display)	ERM attribute
EPC (horizontal table display)	Employee variable
EPC (horizontal table display)	Entity type
EPC (horizontal table display)	Event
EPC (horizontal table display)	Function
EPC (horizontal table display)	Functional cluster
EPC (horizontal table display)	General resource
EPC (horizontal table display)	Group
EPC (horizontal table display)	Hardware component type
EPC (horizontal table display)	IS function
EPC (horizontal table display)	IS service
EPC (horizontal table display)	IT function
EPC (horizontal table display)	IT function type

Table 13–31 (Cont.) Model Type

Model Type	Object Type
EPC (horizontal table display)	Information carrier
EPC (horizontal table display)	Item type
EPC (horizontal table display)	KPI instance
EPC (horizontal table display)	Knowledge category
EPC (horizontal table display)	List
EPC (horizontal table display)	Location
EPC (horizontal table display)	Module
EPC (horizontal table display)	Module type
EPC (horizontal table display)	Objective
EPC (horizontal table display)	Operating resource
EPC (horizontal table display)	Organizational unit
EPC (horizontal table display)	Organizational unit type
EPC (horizontal table display)	Package
EPC (horizontal table display)	Person
EPC (horizontal table display)	Person type
EPC (horizontal table display)	Position
EPC (horizontal table display)	Product/Service
EPC (horizontal table display)	Relationship type
EPC (horizontal table display)	Risk
EPC (horizontal table display)	Rule
EPC (horizontal table display)	Screen
EPC (horizontal table display)	Screen design
EPC (horizontal table display)	Socket
EPC (horizontal table display)	System organizational unit
EPC (horizontal table display)	System organizational unit type
EPC (horizontal table display)	Technical term

13.1.32 EPC (instance)

Table 13–32 Model Type

Model Type	Object Type
EPC (instance)	Application system
EPC (instance)	Application system class
EPC (instance)	Application system type
EPC (instance)	COT attribute (instance)
EPC (instance)	Cluster instance
EPC (instance)	Complex object
EPC (instance)	Draft list
EPC (instance)	ERM attribute instance
EPC (instance)	Employee variable
EPC (instance)	Entity
EPC (instance)	Event instance

Table 13–32 (Cont.) Model Type

Model Type	Object Type
EPC (instance)	Function instance
EPC (instance)	Group
EPC (instance)	Hardware component type
EPC (instance)	IT function
EPC (instance)	IT function type
EPC (instance)	Information carrier
EPC (instance)	List
EPC (instance)	Location
EPC (instance)	Module
EPC (instance)	Module type
EPC (instance)	Operating resource
EPC (instance)	Organizational unit
EPC (instance)	Organizational unit type
EPC (instance)	Person
EPC (instance)	Person type
EPC (instance)	Position
EPC (instance)	Relationship
EPC (instance)	Rule instance
EPC (instance)	Screen
EPC (instance)	Screen design
EPC (instance)	System organizational unit
EPC (instance)	System organizational unit type
EPC (instance)	Technical terms instance

13.1.33 EPC (material flow)

Table 13–33 Model Type

Model Type	Object Type
EPC (material flow)	Application system
EPC (material flow)	Application system class
EPC (material flow)	Application system type
EPC (material flow)	Attribute type group
EPC (material flow)	Authorization condition
EPC (material flow)	Business object
EPC (material flow)	Business rule
EPC (material flow)	COT attribute
EPC (material flow)	Class
EPC (material flow)	Cluster/Data model
EPC (material flow)	Complex object type
EPC (material flow)	Component
EPC (material flow)	Cost category
EPC (material flow)	Cost driver

Table 13–33 (Cont.) Model Type

Model Type	Object Type
EPC (material flow)	Documented knowledge
EPC (material flow)	Draft list
EPC (material flow)	ERM attribute
EPC (material flow)	Employee variable
EPC (material flow)	Entity type
EPC (material flow)	Event
EPC (material flow)	Function
EPC (material flow)	Functional cluster
EPC (material flow)	General resource
EPC (material flow)	Group
EPC (material flow)	Hardware component type
EPC (material flow)	IS function
EPC (material flow)	IS service
EPC (material flow)	IT function
EPC (material flow)	IT function type
EPC (material flow)	Information carrier
EPC (material flow)	Item type
EPC (material flow)	KPI instance
EPC (material flow)	Knowledge category
EPC (material flow)	List
EPC (material flow)	Location
EPC (material flow)	Material type
EPC (material flow)	Module
EPC (material flow)	Module type
EPC (material flow)	Objective
EPC (material flow)	Operating resource
EPC (material flow)	Operating resource type
EPC (material flow)	Organizational unit
EPC (material flow)	Organizational unit type
EPC (material flow)	Package
EPC (material flow)	Packaging material type
EPC (material flow)	Person
EPC (material flow)	Person type
EPC (material flow)	Position
EPC (material flow)	Product/Service
EPC (material flow)	Relationship type
EPC (material flow)	Risk
EPC (material flow)	Rule
EPC (material flow)	Screen
EPC (material flow)	Screen design
EPC (material flow)	Socket
EPC (material flow)	System organizational unit

Table 13–33 (Cont.) Model Type

Model Type	Object Type
EPC (material flow)	System organizational unit type
EPC (material flow)	Technical operating supply
EPC (material flow)	Technical operating supply type
EPC (material flow)	Technical term
EPC (material flow)	Transport system
EPC (material flow)	Transport system type
EPC (material flow)	Warehouse equipment
EPC (material flow)	Warehouse equipment type

13.1.34 EPC (row display)

Table 13–34 Model Type

Model Type	Object Type
EPC (row display)	Application system
EPC (row display)	Application system class
EPC (row display)	Application system type
EPC (row display)	Attribute type group
EPC (row display)	Authorization condition
EPC (row display)	Business object
EPC (row display)	Business rule
EPC (row display)	COT attribute
EPC (row display)	Class
EPC (row display)	Cluster/Data model
EPC (row display)	Complex object type
EPC (row display)	Component
EPC (row display)	Cost category
EPC (row display)	Cost driver
EPC (row display)	Documented knowledge
EPC (row display)	Draft list
EPC (row display)	ERM attribute
EPC (row display)	Employee variable
EPC (row display)	Entity type
EPC (row display)	Event
EPC (row display)	Function
EPC (row display)	Functional cluster
EPC (row display)	General resource
EPC (row display)	Group
EPC (row display)	Hardware component type
EPC (row display)	IS function
EPC (row display)	IS service
EPC (row display)	IT function
EPC (row display)	IT function type

Table 13–34 (Cont.) Model Type

Model Type	Object Type
EPC (row display)	Information carrier
EPC (row display)	Item type
EPC (row display)	KPI instance
EPC (row display)	Knowledge category
EPC (row display)	List
EPC (row display)	Location
EPC (row display)	Module
EPC (row display)	Module type
EPC (row display)	Objective
EPC (row display)	Operating resource
EPC (row display)	Organizational unit
EPC (row display)	Organizational unit type
EPC (row display)	Package
EPC (row display)	Person
EPC (row display)	Person type
EPC (row display)	Position
EPC (row display)	Product/Service
EPC (row display)	Relationship type
EPC (row display)	Risk
EPC (row display)	Rule
EPC (row display)	Screen
EPC (row display)	Screen design
EPC (row display)	Socket
EPC (row display)	System organizational unit
EPC (row display)	System organizational unit type
EPC (row display)	Technical term
EPC (row display)	Workflow pattern

13.1.35 EPC (table display)

Table 13–35 Model Type

Model Type	Object Type
EPC (table display)	Application system
EPC (table display)	Application system class
EPC (table display)	Application system type
EPC (table display)	Attribute type group
EPC (table display)	Authorization condition
EPC (table display)	Business object
EPC (table display)	Business rule
EPC (table display)	COT attribute
EPC (table display)	Class
EPC (table display)	Cluster/Data model

Table 13–35 (Cont.) Model Type

Model Type	Object Type
EPC (table display)	Complex object type
EPC (table display)	Component
EPC (table display)	Cost category
EPC (table display)	Cost driver
EPC (table display)	Documented knowledge
EPC (table display)	Draft list
EPC (table display)	ERM attribute
EPC (table display)	Employee variable
EPC (table display)	Entity type
EPC (table display)	Event
EPC (table display)	Function
EPC (table display)	Functional cluster
EPC (table display)	General resource
EPC (table display)	Group
EPC (table display)	Hardware component type
EPC (table display)	IS function
EPC (table display)	IS service
EPC (table display)	IT function
EPC (table display)	IT function type
EPC (table display)	Information carrier
EPC (table display)	Item type
EPC (table display)	KPI instance
EPC (table display)	Knowledge category
EPC (table display)	List
EPC (table display)	Location
EPC (table display)	Module
EPC (table display)	Module type
EPC (table display)	Objective
EPC (table display)	Operating resource
EPC (table display)	Organizational unit
EPC (table display)	Organizational unit type
EPC (table display)	Package
EPC (table display)	Person
EPC (table display)	Person type
EPC (table display)	Position
EPC (table display)	Product/Service
EPC (table display)	Relationship type
EPC (table display)	Risk
EPC (table display)	Rule
EPC (table display)	Screen
EPC (table display)	Screen design
EPC (table display)	Socket

Table 13–35 (Cont.) Model Type

Model Type	Object Type
EPC (table display)	System organizational unit
EPC (table display)	System organizational unit type
EPC (table display)	Technical term

13.1.36 Event diagram

Table 13–36 Model Type

Model Type	Object Type
Event diagram	Application system type
Event diagram	COT attribute
Event diagram	Class
Event diagram	Cluster/Data model
Event diagram	Complex object type
Event diagram	Documented knowledge
Event diagram	ERM attribute
Event diagram	Entity type
Event diagram	Event
Event diagram	General resource
Event diagram	Group
Event diagram	IT function type
Event diagram	Information carrier
Event diagram	Item type
Event diagram	KPI instance
Event diagram	Knowledge category
Event diagram	Module type
Event diagram	Organizational unit
Event diagram	Organizational unit type
Event diagram	Person
Event diagram	Person type
Event diagram	Position
Event diagram	Product/Service
Event diagram	Relationship type
Event diagram	Rule
Event diagram	Screen
Event diagram	Technical term

13.1.37 Function allocation diagram

Table 13–37 Model Type

Model Type	Object Type
Function allocation diagram	Application system
Function allocation diagram	Application system class
Function allocation diagram	Application system type

Table 13–37 (Cont.) Model Type

Model Type	Object Type
Function allocation diagram	Attribute type group
Function allocation diagram	Authorization condition
Function allocation diagram	Business object
Function allocation diagram	Business rule
Function allocation diagram	COT attribute
Function allocation diagram	Class
Function allocation diagram	Cluster/Data model
Function allocation diagram	Complex object type
Function allocation diagram	Component
Function allocation diagram	Cost category
Function allocation diagram	Cost driver
Function allocation diagram	Documented knowledge
Function allocation diagram	Draft list
Function allocation diagram	ERM attribute
Function allocation diagram	Employee variable
Function allocation diagram	Entity type
Function allocation diagram	Event
Function allocation diagram	Function
Function allocation diagram	Functional cluster
Function allocation diagram	General resource
Function allocation diagram	Group
Function allocation diagram	Hardware component type
Function allocation diagram	IS function
Function allocation diagram	IS service
Function allocation diagram	IT function
Function allocation diagram	IT function type
Function allocation diagram	Information carrier
Function allocation diagram	Item type
Function allocation diagram	KPI instance
Function allocation diagram	Knowledge category
Function allocation diagram	List
Function allocation diagram	Location
Function allocation diagram	Material type
Function allocation diagram	Module
Function allocation diagram	Module type
Function allocation diagram	Objective
Function allocation diagram	Operating resource
Function allocation diagram	Operating resource type
Function allocation diagram	Organizational unit
Function allocation diagram	Organizational unit type
Function allocation diagram	Package
Function allocation diagram	Packaging material type

Table 13–37 (Cont.) Model Type

Model Type	Object Type
Function allocation diagram	Person
Function allocation diagram	Person type
Function allocation diagram	Position
Function allocation diagram	Product/Service
Function allocation diagram	Relationship type
Function allocation diagram	Risk
Function allocation diagram	Screen
Function allocation diagram	Screen design
Function allocation diagram	Socket
Function allocation diagram	System organizational unit
Function allocation diagram	System organizational unit type
Function allocation diagram	Technical operating supply
Function allocation diagram	Technical operating supply type
Function allocation diagram	Technical term
Function allocation diagram	Transport system
Function allocation diagram	Transport system type
Function allocation diagram	Warehouse equipment
Function allocation diagram	Warehouse equipment type
Function allocation diagram	Workflow pattern

13.1.38 Function allocation diagram (instance)

Table 13–38 Model Type

Model Type	Object Type
Function allocation diagram (instance)	Application system
Function allocation diagram (instance)	Application system class
Function allocation diagram (instance)	Application system type
Function allocation diagram (instance)	COT attribute (instance)
Function allocation diagram (instance)	Cluster instance
Function allocation diagram (instance)	Complex object
Function allocation diagram (instance)	Draft list
Function allocation diagram (instance)	ERM attribute instance
Function allocation diagram (instance)	Employee variable
Function allocation diagram (instance)	Entity
Function allocation diagram (instance)	Event instance
Function allocation diagram (instance)	Function instance
Function allocation diagram (instance)	General resource
Function allocation diagram (instance)	Group
Function allocation diagram (instance)	Hardware component type
Function allocation diagram (instance)	IT function
Function allocation diagram (instance)	IT function type
Function allocation diagram (instance)	Information carrier

Table 13–38 (Cont.) Model Type

Model Type	Object Type
Function allocation diagram (instance)	List
Function allocation diagram (instance)	Location
Function allocation diagram (instance)	Module
Function allocation diagram (instance)	Module type
Function allocation diagram (instance)	Operating resource
Function allocation diagram (instance)	Organizational unit
Function allocation diagram (instance)	Organizational unit type
Function allocation diagram (instance)	Person
Function allocation diagram (instance)	Person type
Function allocation diagram (instance)	Position
Function allocation diagram (instance)	Relationship
Function allocation diagram (instance)	Screen
Function allocation diagram (instance)	Screen design
Function allocation diagram (instance)	System organizational unit
Function allocation diagram (instance)	System organizational unit type
Function allocation diagram (instance)	Technical terms instance

13.1.39 Function tree

Table 13–39 Model Type

Model Type	Object Type
Function tree	Function

13.1.40 Function/organizational level diagram

Table 13–40 Model Type

Model Type	Object Type
Function/organizational level diagram	Cluster/Data model
Function/organizational level diagram	Function
Function/organizational level diagram	Organizational level

13.1.41 IE Data model

Table 13–41 Model Type

Model Type	Object Type
IE Data model	Cluster/Data model
IE Data model	ERM attribute
IE Data model	Entity type
IE Data model	Generalization type
IE Data model	Relationship type

13.1.42 Industrial process

Table 13–42 *Model Type*

Model Type	Object Type
Industrial process	Application system type
Industrial process	Business rule
Industrial process	Class
Industrial process	Cluster/Data model
Industrial process	Documented knowledge
Industrial process	ERM attribute
Industrial process	Entity type
Industrial process	Event
Industrial process	Function
Industrial process	General resource
Industrial process	Group
Industrial process	Information carrier
Industrial process	KPI instance
Industrial process	Knowledge category
Industrial process	Location
Industrial process	Material type
Industrial process	Objective
Industrial process	Operating resource type
Industrial process	Organizational unit
Industrial process	Package
Industrial process	Packaging material type
Industrial process	Person
Industrial process	Person type
Industrial process	Position
Industrial process	Product/Service
Industrial process	Relationship type
Industrial process	Risk
Industrial process	Rule
Industrial process	Screen
Industrial process	Technical operating supply type
Industrial process	Technical term
Industrial process	Transport system type
Industrial process	Warehouse equipment type

13.1.43 Information carrier diagram

Table 13–43 *Model Type*

Model Type	Object Type
Information carrier diagram	Information carrier

13.1.44 Information flow diagram

Table 13–44 *Model Type*

Model Type	Object Type
Information flow diagram	Function
Information flow diagram	Information flow
Information flow diagram	Organizational unit
Information flow diagram	Organizational unit type
Information flow diagram	System organizational unit
Information flow diagram	System organizational unit type

13.1.45 Input/Output diagram

Table 13–45 *Model Type*

Model Type	Object Type
Input/Output diagram	Cluster/Data model
Input/Output diagram	ERM attribute
Input/Output diagram	Entity type
Input/Output diagram	Function
Input/Output diagram	Information carrier
Input/Output diagram	Relationship type

13.1.46 Input/Output diagram (inverse)

Table 13–46 *Model Type*

Model Type	Object Type
Input/Output diagram (inverse)	Cluster/Data model
Input/Output diagram (inverse)	ERM attribute
Input/Output diagram (inverse)	Entity type
Input/Output diagram (inverse)	Function
Input/Output diagram (inverse)	Information carrier
Input/Output diagram (inverse)	Relationship type

13.1.47 IS activation model

Table 13–47 *Model Type*

Model Type	Object Type
IS activation model	Application system type
IS activation model	Class
IS activation model	Cluster/Data model
IS activation model	ERM attribute
IS activation model	Entity type
IS activation model	Event
IS activation model	Function
IS activation model	Functional cluster

Table 13–47 (Cont.) Model Type

Model Type	Object Type
IS activation model	Group
IS activation model	IS function
IS activation model	IS service
IS activation model	IT function type
IS activation model	Information carrier
IS activation model	List
IS activation model	Location
IS activation model	Organizational unit
IS activation model	Organizational unit type
IS activation model	Person
IS activation model	Person type
IS activation model	Position
IS activation model	Relationship type
IS activation model	Rule
IS activation model	Socket
IS activation model	Table
IS activation model	Technical term

13.1.48 IS context model

Table 13–48 Model Type

Model Type	Object Type
IS context model	Application system type
IS context model	Class
IS context model	Cluster/Data model
IS context model	ERM attribute
IS context model	Entity type
IS context model	Function
IS context model	Functional cluster
IS context model	Group
IS context model	IS function
IS context model	IS service
IS context model	IT function type
IS context model	Information carrier
IS context model	Location
IS context model	Organizational unit
IS context model	Organizational unit type
IS context model	Person
IS context model	Person type
IS context model	Position
IS context model	Relationship type

Table 13–48 (Cont.) Model Type

Model Type	Object Type
IS context model	Socket
IS context model	Table
IS context model	Technical term

13.1.49 Knowledge map

Table 13–49 Model Type

Model Type	Object Type
Knowledge map	Group
Knowledge map	Knowledge category
Knowledge map	Location
Knowledge map	Organizational unit
Knowledge map	Organizational unit type
Knowledge map	Person
Knowledge map	Person type
Knowledge map	Position

13.1.50 Knowledge structure diagram

Table 13–50 Model Type

Model Type	Object Type
Knowledge structure diagram	Application system class
Knowledge structure diagram	Application system type
Knowledge structure diagram	Class
Knowledge structure diagram	Cluster/Data model
Knowledge structure diagram	Documented knowledge
Knowledge structure diagram	Entity type
Knowledge structure diagram	Information carrier
Knowledge structure diagram	Knowledge category
Knowledge structure diagram	Object instance
Knowledge structure diagram	Package
Knowledge structure diagram	Relationship type
Knowledge structure diagram	Technical term

13.1.51 KPI allocation diagram

Table 13–51 Model Type

Model Type	Object Type
KPI allocation diagram	Application system
KPI allocation diagram	Application system type
KPI allocation diagram	Class
KPI allocation diagram	Cluster/Data model
KPI allocation diagram	Documented knowledge

Table 13–51 (Cont.) Model Type

Model Type	Object Type
KPI allocation diagram	ERM attribute
KPI allocation diagram	Entity type
KPI allocation diagram	Function
KPI allocation diagram	Function instance
KPI allocation diagram	Group
KPI allocation diagram	Information carrier
KPI allocation diagram	KPI instance
KPI allocation diagram	Knowledge category
KPI allocation diagram	Objective
KPI allocation diagram	Organizational unit
KPI allocation diagram	Organizational unit type
KPI allocation diagram	Person
KPI allocation diagram	Person type
KPI allocation diagram	Position
KPI allocation diagram	Relationship type
KPI allocation diagram	Risk
KPI allocation diagram	Technical term

13.1.52 Material diagram

Table 13–52 Model Type

Model Type	Object Type
Material diagram	Material class
Material diagram	Material type
Material diagram	Packaging material class
Material diagram	Packaging material type

13.1.53 Material flow diagram

Table 13–53 Model Type

Model Type	Object Type
Material flow diagram	Function
Material flow diagram	Material flow
Material flow diagram	Organizational unit
Material flow diagram	Organizational unit type

13.1.54 Network diagram

Table 13–54 Model Type

Model Type	Object Type
Network diagram	Application system
Network diagram	DBMS
Network diagram	Hardware component

Table 13–54 (Cont.) Model Type

Model Type	Object Type
Network diagram	Hardware component type
Network diagram	Location
Network diagram	Network
Network diagram	Network class
Network diagram	Network connection
Network diagram	Network connection type
Network diagram	Network node
Network diagram	Network node type
Network diagram	Network type
Network diagram	Operating system
Network diagram	Organizational unit
Network diagram	Person
Network diagram	Person type
Network diagram	Position

13.1.55 Network topology

Table 13–55 Model Type

Model Type	Object Type
Network topology	Application system type
Network topology	DBMS type
Network topology	Hardware component class
Network topology	Hardware component type
Network topology	Location
Network topology	Network class
Network topology	Network connection type
Network topology	Network node type
Network topology	Network type
Network topology	Operating system type
Network topology	Organizational unit
Network topology	Person
Network topology	Person type
Network topology	Position
Network topology	Protocol

13.1.56 Objective diagram

Table 13–56 Model Type

Model Type	Object Type
Objective diagram	Critical factor
Objective diagram	Function
Objective diagram	Objective
Objective diagram	Product/Service

13.1.57 Office process

Table 13–57 *Model Type*

Model Type	Object Type
Office process	Application system type
Office process	Business rule
Office process	Class
Office process	Cluster/Data model
Office process	Documented knowledge
Office process	ERM attribute
Office process	Entity type
Office process	Event
Office process	Function
Office process	General resource
Office process	Group
Office process	Information carrier
Office process	KPI instance
Office process	Knowledge category
Office process	Location
Office process	Objective
Office process	Organizational unit
Office process	Package
Office process	Person
Office process	Person type
Office process	Position
Office process	Product/Service
Office process	Relationship type
Office process	Risk
Office process	Rule
Office process	Screen
Office process	Technical term

13.1.58 OMT Class description model

Table 13–58 *Model Type*

Model Type	Object Type
OMT Class description model	Class
OMT Class description model	ERM attribute
OMT Class description model	Operation

13.1.59 OMT Data value decomposition

Table 13–59 *Model Type*

Model Type	Object Type
OMT Data value decomposition	Data value

13.1.60 OMT Dynamic model

Table 13–60 *Model Type*

Model Type	Object Type
OMT Dynamic model	Class
OMT Dynamic model	State

13.1.61 OMT Functional model

Table 13–61 *Model Type*

Model Type	Object Type
OMT Functional model	Actor
OMT Functional model	Connector
OMT Functional model	Data store
OMT Functional model	Data value
OMT Functional model	Process

13.1.62 OMT Object model

Table 13–62 *Model Type*

Model Type	Object Type
OMT Object model	Association
OMT Object model	Association instance
OMT Object model	Class
OMT Object model	Constraint
OMT Object model	ERM attribute
OMT Object model	Object instance
OMT Object model	Operation
OMT Object model	Sp./gen. operator

13.1.63 Organizational chart

Table 13–63 *Model Type*

Model Type	Object Type
Organizational chart	Group
Organizational chart	Location
Organizational chart	Organizational chart
Organizational chart	Organizational unit
Organizational chart	Organizational unit type
Organizational chart	Person
Organizational chart	Person type
Organizational chart	Position
Organizational chart	System organizational unit
Organizational chart	System organizational unit type

13.1.64 PCD

Table 13–64 *Model Type*

Model Type	Object Type
PCD	Application system
PCD	Application system class
PCD	Application system type
PCD	Attribute type group
PCD	Authorization condition
PCD	Business object
PCD	Business rule
PCD	COT attribute
PCD	Class
PCD	Cluster/Data model
PCD	Complex object type
PCD	Component
PCD	Cost category
PCD	Cost driver
PCD	Documented knowledge
PCD	Draft list
PCD	ERM attribute
PCD	Employee variable
PCD	Entity type
PCD	Event
PCD	Function
PCD	Functional cluster
PCD	General resource
PCD	Group
PCD	Hardware component type
PCD	IS function
PCD	IS service
PCD	IT function
PCD	IT function type
PCD	Information carrier
PCD	Item type
PCD	KPI instance
PCD	Knowledge category
PCD	List
PCD	Location
PCD	Module
PCD	Module type
PCD	Objective
PCD	Operating resource
PCD	Organizational unit

Table 13–64 (Cont.) Model Type

Model Type	Object Type
PCD	Organizational unit type
PCD	Package
PCD	Person
PCD	Person type
PCD	Position
PCD	Product/Service
PCD	Relationship type
PCD	Risk
PCD	Rule
PCD	Screen
PCD	Screen design
PCD	Socket
PCD	System organizational unit
PCD	System organizational unit type
PCD	Technical term

13.1.65 PCD (material flow)

Table 13–65 Model Type

Model Type	Object Type
PCD (material flow)	Application system
PCD (material flow)	Application system class
PCD (material flow)	Application system type
PCD (material flow)	Attribute type group
PCD (material flow)	Authorization condition
PCD (material flow)	Business object
PCD (material flow)	Business rule
PCD (material flow)	COT attribute
PCD (material flow)	Class
PCD (material flow)	Cluster/Data model
PCD (material flow)	Complex object type
PCD (material flow)	Component
PCD (material flow)	Cost category
PCD (material flow)	Cost driver
PCD (material flow)	Documented knowledge
PCD (material flow)	Draft list
PCD (material flow)	ERM attribute
PCD (material flow)	Employee variable
PCD (material flow)	Entity type
PCD (material flow)	Event
PCD (material flow)	Function
PCD (material flow)	Functional cluster

Table 13–65 (Cont.) Model Type

Model Type	Object Type
PCD (material flow)	General resource
PCD (material flow)	Group
PCD (material flow)	Hardware component type
PCD (material flow)	IS function
PCD (material flow)	IS service
PCD (material flow)	IT function
PCD (material flow)	IT function type
PCD (material flow)	Information carrier
PCD (material flow)	Item type
PCD (material flow)	KPI instance
PCD (material flow)	Knowledge category
PCD (material flow)	List
PCD (material flow)	Location
PCD (material flow)	Material type
PCD (material flow)	Module
PCD (material flow)	Module type
PCD (material flow)	Objective
PCD (material flow)	Operating resource
PCD (material flow)	Operating resource type
PCD (material flow)	Organizational unit
PCD (material flow)	Organizational unit type
PCD (material flow)	Package
PCD (material flow)	Packaging material type
PCD (material flow)	Person
PCD (material flow)	Person type
PCD (material flow)	Position
PCD (material flow)	Product/Service
PCD (material flow)	Relationship type
PCD (material flow)	Risk
PCD (material flow)	Rule
PCD (material flow)	Screen
PCD (material flow)	Screen design
PCD (material flow)	Socket
PCD (material flow)	System organizational unit
PCD (material flow)	System organizational unit type
PCD (material flow)	Technical operating supply
PCD (material flow)	Technical operating supply type
PCD (material flow)	Technical term
PCD (material flow)	Transport system
PCD (material flow)	Transport system type
PCD (material flow)	Warehouse equipment
PCD (material flow)	Warehouse equipment type

13.1.66 PPC

Table 13–66 *Model Type*

Model Type	Object Type
PPC	Cluster instance
PPC	Event instance
PPC	Function instance
PPC	General resource
PPC	Operating resource
PPC	Person
PPC	Person type
PPC	Rule

13.1.67 Privileges diagram

Table 13–67 *Model Type*

Model Type	Object Type
Privileges diagram	Application system type
Privileges diagram	COT attribute
Privileges diagram	Cluster/Data model
Privileges diagram	Complex object type
Privileges diagram	ERM attribute
Privileges diagram	Entity type
Privileges diagram	Function
Privileges diagram	Group
Privileges diagram	IT function type
Privileges diagram	Location
Privileges diagram	Module type
Privileges diagram	Organizational unit
Privileges diagram	Person
Privileges diagram	Person type
Privileges diagram	Position
Privileges diagram	Relationship type
Privileges diagram	Technical term

13.1.68 Process instantiation model

Table 13–68 *Model Type*

Model Type	Object Type
Process instantiation model	Instantiation cycle
Process instantiation model	Instantiation interval
Process instantiation model	Instantiation plan

13.1.69 Process selection diagram

Table 13–69 Model Type

Model Type	Object Type
Process selection diagram	Function
Process selection diagram	Main process
Process selection diagram	Organizational unit

13.1.70 Process selection matrix

Table 13–70 Model Type

Model Type	Object Type
Process selection matrix	Function
Process selection matrix	Main process
Process selection matrix	Organizational unit

13.1.71 Product allocation diagram

Table 13–71 Model Type

Model Type	Object Type
Product allocation diagram	Class
Product allocation diagram	Cluster/Data model
Product allocation diagram	Distribution channel
Product allocation diagram	Documented knowledge
Product allocation diagram	Entity type
Product allocation diagram	Function
Product allocation diagram	Group
Product allocation diagram	Information carrier
Product allocation diagram	Knowledge category
Product allocation diagram	Marketing instrument
Product allocation diagram	Need
Product allocation diagram	Objective
Product allocation diagram	Organizational unit
Product allocation diagram	Organizational unit type
Product allocation diagram	Person
Product allocation diagram	Person type
Product allocation diagram	Position
Product allocation diagram	Product/Service
Product allocation diagram	Product/Service characteristic
Product allocation diagram	Relationship type
Product allocation diagram	Technical term

13.1.72 Product selection matrix

Table 13–72 Model Type

Model Type	Object Type
Product selection matrix	Function
Product selection matrix	Organizational unit
Product selection matrix	Product/Service

13.1.73 Product tree

Table 13–73 Model Type

Model Type	Object Type
Product tree	Product/Service

13.1.74 Product/Service exchange diagram

Table 13–74 Model Type

Model Type	Object Type
Product/Service exchange diagram	Application system type
Product/Service exchange diagram	Event
Product/Service exchange diagram	Function
Product/Service exchange diagram	Group
Product/Service exchange diagram	Location
Product/Service exchange diagram	Material type
Product/Service exchange diagram	Operating resource type
Product/Service exchange diagram	Organizational unit
Product/Service exchange diagram	Organizational unit type
Product/Service exchange diagram	Packaging material type
Product/Service exchange diagram	Person
Product/Service exchange diagram	Person type
Product/Service exchange diagram	Position
Product/Service exchange diagram	Product/Service
Product/Service exchange diagram	Technical operating supply type

13.1.75 Product/Service exchange diagram (graphic)

Table 13–75 Model Type

Model Type	Object Type
Product/Service exchange diagram (graphic)	Application system type
Product/Service exchange diagram (graphic)	Event
Product/Service exchange diagram (graphic)	Function
Product/Service exchange diagram (graphic)	Group
Product/Service exchange diagram (graphic)	Location
Product/Service exchange diagram (graphic)	Material type
Product/Service exchange diagram (graphic)	Operating resource type

Table 13–75 (Cont.) Model Type

Model Type	Object Type
Product/Service exchange diagram (graphic)	Organizational unit
Product/Service exchange diagram (graphic)	Organizational unit type
Product/Service exchange diagram (graphic)	Packaging material type
Product/Service exchange diagram (graphic)	Person
Product/Service exchange diagram (graphic)	Person type
Product/Service exchange diagram (graphic)	Position
Product/Service exchange diagram (graphic)	Product/Service
Product/Service exchange diagram (graphic)	Technical operating supply type

13.1.76 Product/Service tree

Table 13–76 Model Type

Model Type	Object Type
Product/Service tree	Function
Product/Service tree	Group
Product/Service tree	Location
Product/Service tree	Objective
Product/Service tree	Organizational unit
Product/Service tree	Organizational unit type
Product/Service tree	Person
Product/Service tree	Person type
Product/Service tree	Position
Product/Service tree	Product/Service

13.1.77 Product/Service tree (graphic)

Table 13–77 Model Type

Model Type	Object Type
Product/Service tree (graphic)	Function
Product/Service tree (graphic)	Group
Product/Service tree (graphic)	Location
Product/Service tree (graphic)	Objective
Product/Service tree (graphic)	Organizational unit
Product/Service tree (graphic)	Organizational unit type
Product/Service tree (graphic)	Person
Product/Service tree (graphic)	Person type
Product/Service tree (graphic)	Position
Product/Service tree (graphic)	Product/Service

13.1.78 Program flow chart

Table 13–78 *Model Type*

Model Type	Object Type
Program flow chart	Application system class
Program flow chart	Application system type
Program flow chart	Attribute
Program flow chart	Attribute type group
Program flow chart	Class
Program flow chart	Cluster/Data model
Program flow chart	DBMS type
Program flow chart	Documented knowledge
Program flow chart	ERM attribute
Program flow chart	Entity type
Program flow chart	Event
Program flow chart	Field
Program flow chart	Function
Program flow chart	Functional cluster
Program flow chart	Graphical user interface type
Program flow chart	Group
Program flow chart	Hardware component
Program flow chart	Hardware component type
Program flow chart	IS function
Program flow chart	IS service
Program flow chart	IT function class
Program flow chart	IT function type
Program flow chart	Information carrier
Program flow chart	Information flow
Program flow chart	KPI instance
Program flow chart	Knowledge category
Program flow chart	List
Program flow chart	Location
Program flow chart	Module class
Program flow chart	Module type
Program flow chart	Objective
Program flow chart	Operating system
Program flow chart	Operating system type
Program flow chart	Organizational unit
Program flow chart	Organizational unit type
Program flow chart	Person
Program flow chart	Person type
Program flow chart	Position
Program flow chart	Programming language
Program flow chart	Protocol

Table 13–78 (Cont.) Model Type

Model Type	Object Type
Program flow chart	Relation
Program flow chart	Relationship type
Program flow chart	Risk
Program flow chart	Rule
Program flow chart	Screen
Program flow chart	Socket
Program flow chart	Table
Program flow chart	Technical term
Program flow chart	View
Program flow chart	View (physical)

13.1.79 Program flow chart (PF)

Table 13–79 Model Type

Model Type	Object Type
Program flow chart (PF)	Event
Program flow chart (PF)	Function
Program flow chart (PF)	Loop start
Program flow chart (PF)	Rule

13.1.80 Quick model

Table 13–80 Model Type

Model Type	Object Type
Quick model	Quick object

13.1.81 RAD

Table 13–81 Model Type

Model Type	Object Type
RAD	Person type
RAD	Screen

13.1.82 RAMS

Table 13–82 Model Type

Model Type	Object Type
RAMS	Entity type
RAMS	Function
RAMS	Main process
RAMS	Organizational unit

13.1.83 Relations diagram

Table 13–83 *Model Type*

Model Type	Object Type
Relations diagram	Attribute
Relations diagram	Cluster/Data model
Relations diagram	Domain
Relations diagram	ERM attribute
Relations diagram	ERM domain
Relations diagram	Entity type
Relations diagram	Relation
Relations diagram	Relationship type
Relations diagram	View

13.1.84 Risk diagram

Table 13–84 *Model Type*

Model Type	Object Type
Risk diagram	Risk
Risk diagram	Risk category

13.1.85 Role diagram

Table 13–85 *Model Type*

Model Type	Object Type
Role diagram	Authorization condition
Role diagram	Function
Role diagram	Group
Role diagram	Knowledge category
Role diagram	Location
Role diagram	Organizational unit
Role diagram	Organizational unit type
Role diagram	Person
Role diagram	Person type
Role diagram	Position
Role diagram	Technical term

13.1.86 Rule diagram

Table 13–86 *Model Type*

Model Type	Object Type
Rule diagram	Event
Rule diagram	Function
Rule diagram	Rule

13.1.87 Screen design

Table 13–87 *Model Type*

Model Type	Object Type
Screen design	Attribute type group
Screen design	Bitmap
Screen design	Business object
Screen design	Button
Screen design	COT attribute
Screen design	Class
Screen design	Cluster/Data model
Screen design	Combo box
Screen design	ERM attribute
Screen design	Entity type
Screen design	Function
Screen design	IT function type
Screen design	Item type
Screen design	List control
Screen design	Package
Screen design	Parameter
Screen design	Radio button/Check box
Screen design	Relationship type
Screen design	Spin box
Screen design	Technical term
Screen design	Text
Screen design	Text box
Screen design	Tree control

13.1.88 Screen diagram

Table 13–88 *Model Type*

Model Type	Object Type
Screen diagram	Bitmap
Screen diagram	COT attribute
Screen diagram	Column
Screen diagram	Complex object type
Screen diagram	ERM attribute
Screen diagram	Entity type
Screen diagram	IT function type
Screen diagram	Layout
Screen diagram	Page
Screen diagram	Parameter
Screen diagram	Screen
Screen diagram	Screen table

Table 13–88 (Cont.) Model Type

Model Type	Object Type
Screen diagram	Section
Screen diagram	Separator
Screen diagram	Text

13.1.89 Screen navigation

Table 13–89 Model Type

Model Type	Object Type
Screen navigation	Bitmap
Screen navigation	Button
Screen navigation	Combo box
Screen navigation	Event
Screen navigation	List control
Screen navigation	Radio button/Check box
Screen navigation	Rule
Screen navigation	Screen
Screen navigation	Spin box
Screen navigation	Text
Screen navigation	Text box
Screen navigation	Tree control

13.1.90 SeDaM model

Table 13–90 Model Type

Model Type	Object Type
SeDaM model	Attribute type group
SeDaM model	Cluster/Data model
SeDaM model	ERM attribute
SeDaM model	Entity type
SeDaM model	Generalization type

13.1.91 Shift calendar

Table 13–91 Model Type

Model Type	Object Type
Shift calendar	Break
Shift calendar	Shift
Shift calendar	Shift cycle
Shift calendar	Shift plan

13.1.92 Structuring model

Table 13–92 *Model Type*

Model Type	Object Type
Structuring model	Structural element

13.1.93 System attribute domain

Table 13–93 *Model Type*

Model Type	Object Type
System attribute domain	System attribute domain

13.1.94 System attributes

Table 13–94 *Model Type*

Model Type	Object Type
System attributes	System attribute

13.1.95 Table diagram

Table 13–95 *Model Type*

Model Type	Object Type
Table diagram	Application system type
Table diagram	Attribute
Table diagram	Domain
Table diagram	Domain (physical)
Table diagram	ERM attribute
Table diagram	Entity type
Table diagram	Field
Table diagram	Field (specimen)
Table diagram	Index
Table diagram	Memory location
Table diagram	Relation
Table diagram	Relationship type
Table diagram	Table
Table diagram	Tables (specimen)
Table diagram	View
Table diagram	View (physical)

13.1.96 Technical resources

Table 13–96 *Model Type*

Model Type	Object Type
Technical resources	Group
Technical resources	Location
Technical resources	Operating resource
Technical resources	Operating resource class
Technical resources	Operating resource type
Technical resources	Organizational unit
Technical resources	Person
Technical resources	Position
Technical resources	System organizational unit
Technical resources	System organizational unit type
Technical resources	Tech. operating supply class
Technical resources	Technical operating supply
Technical resources	Technical operating supply type
Technical resources	Transport system
Technical resources	Transport system class
Technical resources	Transport system type
Technical resources	Warehouse equipment
Technical resources	Warehouse equipment class
Technical resources	Warehouse equipment type

13.1.97 Technical terms model

Table 13–97 *Model Type*

Model Type	Object Type
Technical terms model	Class
Technical terms model	Cluster/Data model
Technical terms model	ERM attribute
Technical terms model	Entity type
Technical terms model	Package
Technical terms model	Relationship type
Technical terms model	Technical term

13.1.98 UML Activity diagram

Table 13–98 *Model Type*

Model Type	Object Type
UML Activity diagram	Application system type
UML Activity diagram	Constraint
UML Activity diagram	Function
UML Activity diagram	Group
UML Activity diagram	KPI instance

Table 13–98 (Cont.) Model Type

Model Type	Object Type
UML Activity diagram	Note
UML Activity diagram	Object instance
UML Activity diagram	Organizational unit
UML Activity diagram	Person
UML Activity diagram	Person type
UML Activity diagram	Position
UML Activity diagram	Product/Service
UML Activity diagram	Rule

13.1.99 UML Class description diagram

Table 13–99 Model Type

Model Type	Object Type
UML Class description diagram	Association class
UML Class description diagram	Class
UML Class description diagram	Constraint
UML Class description diagram	ERM attribute
UML Class description diagram	Function
UML Class description diagram	Note
UML Class description diagram	Object instance
UML Class description diagram	Parameter

13.1.100 UML Class diagram

Table 13–100 Model Type

Model Type	Object Type
UML Class diagram	Association
UML Class diagram	Association class
UML Class diagram	Association instance
UML Class diagram	Class
UML Class diagram	Collaboration
UML Class diagram	Constraint
UML Class diagram	Data value
UML Class diagram	ERM attribute
UML Class diagram	Enumeration literal
UML Class diagram	Exception
UML Class diagram	Function
UML Class diagram	Link object
UML Class diagram	Note
UML Class diagram	Object instance
UML Class diagram	Package
UML Class diagram	Parameter
UML Class diagram	Profile

Table 13–100 (Cont.) Model Type

Model Type	Object Type
UML Class diagram	Signal
UML Class diagram	Stereotype
UML Class diagram	Subsystem
UML Class diagram	Subsystem instance
UML Class diagram	UML Model

13.1.101 UML Collaboration diagram

Table 13–101 Model Type

Model Type	Object Type
UML Collaboration diagram	Class
UML Collaboration diagram	Constraint
UML Collaboration diagram	Note
UML Collaboration diagram	Object instance

13.1.102 UML Component diagram

Table 13–102 Model Type

Model Type	Object Type
UML Component diagram	Artifact
UML Component diagram	Association
UML Component diagram	Association class
UML Component diagram	Class
UML Component diagram	Component
UML Component diagram	Constraint
UML Component diagram	Data value
UML Component diagram	Enumeration literal
UML Component diagram	Exception
UML Component diagram	Link object
UML Component diagram	Note
UML Component diagram	Object instance
UML Component diagram	Package
UML Component diagram	Signal

13.1.103 UML Deployment diagram

Table 13–103 Model Type

Model Type	Object Type
UML Deployment diagram	Artifact
UML Deployment diagram	Association
UML Deployment diagram	Association class
UML Deployment diagram	Association instance
UML Deployment diagram	Class

Table 13–103 (Cont.) Model Type

Model Type	Object Type
UML Deployment diagram	Component
UML Deployment diagram	Component instance
UML Deployment diagram	Constraint
UML Deployment diagram	Hardware component
UML Deployment diagram	Hardware component type
UML Deployment diagram	Note
UML Deployment diagram	Object instance

13.1.104 UML Sequence diagram

Table 13–104 Model Type

Model Type	Object Type
UML Sequence diagram	Classifier role
UML Sequence diagram	Constraint
UML Sequence diagram	Data value
UML Sequence diagram	Hardware component
UML Sequence diagram	Link object
UML Sequence diagram	Note
UML Sequence diagram	Object instance
UML Sequence diagram	Subsystem instance
UML Sequence diagram	Use case instance

13.1.105 UML Statechart diagram

Table 13–105 Model Type

Model Type	Object Type
UML Statechart diagram	Constraint
UML Statechart diagram	Note
UML Statechart diagram	Product/Service
UML Statechart diagram	Rule

13.1.106 UML Use case diagram

Table 13–106 Model Type

Model Type	Object Type
UML Use case diagram	Application system type
UML Use case diagram	Association
UML Use case diagram	Constraint
UML Use case diagram	Extension point
UML Use case diagram	Function
UML Use case diagram	Group
UML Use case diagram	Note
UML Use case diagram	Organizational unit

Table 13–106 (Cont.) Model Type

Model Type	Object Type
UML Use case diagram	Package
UML Use case diagram	Person
UML Use case diagram	Person type
UML Use case diagram	Position
UML Use case diagram	Subsystem
UML Use case diagram	UML Model
UML Use case diagram	Use case instance

13.1.107 Value-added chain diagram

Table 13–107 Model Type

Model Type	Object Type
Value-added chain diagram	Application system type
Value-added chain diagram	Cluster/Data model
Value-added chain diagram	Function
Value-added chain diagram	Group
Value-added chain diagram	KPI instance
Value-added chain diagram	Objective
Value-added chain diagram	Organizational unit
Value-added chain diagram	Organizational unit type
Value-added chain diagram	Package
Value-added chain diagram	Person type
Value-added chain diagram	Product/Service
Value-added chain diagram	Risk
Value-added chain diagram	Technical term

13.1.108 Y diagram

Table 13–108 Model Type

Model Type	Object Type
Y diagram	Function

13.2 Model Types - Connection Types/Assignment Relationship Types

13.2.1 Access diagram

Table 13–109 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system class(7) (OT_APPL_SYS_CLS)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	calls	is called by(455) (CT_CALLS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	calls	is called by(455) (CT_CALLS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	calls	is called by(455) (CT_CALLS_1)	Socket(296) (OT_SOCKET)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Component(188) (OT_CMP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Socket(296) (OT_SOCKET)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique

Table 13-109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Table(55) (OT_TBL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is used as	uses(679) (CT_IS_USED_AS)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	Application system type(6) (OT_APPL_SYS_TYPE)	
Application system type(6) (OT_APPL_SYS_TYPE)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	transmits data to	receives data from(502) (CT_SENDS_3)	Application system type(6) (OT_APPL_SYS_TYPE)	
Application system type(6) (OT_APPL_SYS_TYPE)	transmits data to	receives data from(502) (CT_SENDS_3)	Class(90) (OT_CLS)	
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Protocol(104) (OT_NW_PROT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Attribute(8) (OT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Attribute(8) (OT_ATTR)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Attribute(8) (OT_ATTR)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
Attribute(8) (OT_ATTR)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13-109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	transmits data to	receives data from(502) (CT_SENDS_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Module type(37) (OT_MOD_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Employee variable(151) (OT_EMPL_INST)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Field(21) (OT_FLD)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Class(90) (OT_CLS)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Class(90) (OT_CLS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Module type(37) (OT_MOD_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	calls	is called by(455) (CT_CALLS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	calls	is called by(455) (CT_CALLS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	calls	is called by(455) (CT_CALLS_1)	Socket(296) (OT_SOCKET)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique

Table 13-109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Location(54) (OT_LOC)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module class(38) (OT_MOD_CLS)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Module type(37) (OT_MOD_TYPE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Module type(37) (OT_MOD_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Module type(37) (OT_MOD_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Module type(37) (OT_MOD_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Module type(37) (OT_MOD_TYPE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Module type(37) (OT_MOD_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Operating system(72) (OT_OS)	runs with	is platform for(503) (CT_RUNS_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module class(38) (OT_MOD_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Application system type(6) (OT_APPL_SYS_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	DBMS type(15) (OT_DBMS_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Information carrier(27) (OT_INFO_CARR)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating system type(10) (OT_OS_TYPE)	

Table 13-109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Programming language(70) (OT_PRG_LNG)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Protocol(104) (OT_NW_PROT)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical term(58) (OT_TECH_TRM)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module class(38) (OT_MOD_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module class(38) (OT_MOD_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(137) (CT_USE_3)	Programming language(70) (OT_PRG_LNG)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Attribute(8) (OT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relation(51) (OT_REL)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	View(57) (OT_VIEW)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Attribute(8) (OT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Relation(51) (OT_REL)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	View(57) (OT_VIEW)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique

Table 13-109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module class(38) (OT_MOD_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Application system type(6) (OT_APPL_SYS_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	DBMS type(15) (OT_DBMS_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Information carrier(27) (OT_INFO_CARR)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating system type(10) (OT_OS_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Programming language(70) (OT_PRG_LNG)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Protocol(104) (OT_NW_PROT)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical term(58) (OT_TECH_TRM)	
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique

Table 13-109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module class(38) (OT_MOD_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module class(38) (OT_MOD_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Person(46) (OT_PERS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	uses	is used by(137) (CT_USE_3)	Programming language(70) (OT_PRG_LNG)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Attribute(8) (OT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relation(51) (OT_REL)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	View(57) (OT_VIEW)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Attribute(8) (OT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Relation(51) (OT_REL)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	View(57) (OT_VIEW)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Person type(78) (OT_PERS_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module class(38) (OT_MOD_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module class(38) (OT_MOD_CLS)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module class(38) (OT_MOD_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Position(45) (OT_POS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Module type(37) (OT_MOD_TYPE)	Unique
Relation(51) (OT_REL)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Relation(51) (OT_REL)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Relation(51) (OT_REL)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
Relation(51) (OT_REL)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module class(38) (OT_MOD_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Socket(296) (OT_SOCKET)	calls	is called by(455) (CT_CALLS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Socket(296) (OT_SOCKET)	calls	is called by(455) (CT_CALLS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Socket(296) (OT_SOCKET)	calls	is called by(455) (CT_CALLS_1)	Socket(296) (OT_SOCKET)	Unique
Socket(296) (OT_SOCKET)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Socket(296) (OT_SOCKET)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Table(55) (OT_TBL)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique

Table 13–109 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
View(57) (OT_VIEW)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
View(57) (OT_VIEW)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
View(57) (OT_VIEW)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
View(57) (OT_VIEW)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
View (physical)(75) (OT_VIEW_PHYS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique

13.2.2 Access diagram (physical)

Table 13–110 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Application system(64) (OT_APPL_SYS)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system(64) (OT_APPL_SYS)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system(64) (OT_APPL_SYS)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Application system(64) (OT_APPL_SYS)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
Application system(64) (OT_APPL_SYS)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Application system(64) (OT_APPL_SYS)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system(64) (OT_APPL_SYS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Application system(64) (OT_APPL_SYS)	transmits data to	receives data from(502) (CT_SENDS_3)	Class(90) (OT_CLS)	
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	transmits data to	receives data from(502) (CT_SENDS_3)	Class(90) (OT_CLS)	
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Attribute(8) (OT_ATTR)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Class(90) (OT_CLS)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	transmits data to	receives data from(502) (CT_SENDS_3)	Application system(64) (OT_APPL_SYS)	
Class(90) (OT_CLS)	transmits data to	receives data from(502) (CT_SENDS_3)	Application system type(6) (OT_APPL_SYS_TYPE)	
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	IT function(107) (OT_DP_FUNC)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Module(65) (OT_MOD)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
DBMS(69) (OT_DBMS)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Application system(64) (OT_APPL_SYS)	Unique
DBMS(69) (OT_DBMS)	runs with	is platform for(503) (CT_RUNS_ON)	Hardware component(76) (OT_HW_CMP)	Unique
DBMS(69) (OT_DBMS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Application system(64) (OT_APPL_SYS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Field(21) (OT_FLD)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Field (specimen)(74) (OT_FLD_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Field (specimen)(74) (OT_FLD_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Field (specimen)(74) (OT_FLD_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Field (specimen)(74) (OT_FLD_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module(67) (OT_PRG_MOD)	Unique
Field (specimen)(74) (OT_FLD_SPEC)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Field(21) (OT_FLD)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Table(55) (OT_TBL)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Application system(64) (OT_APPL_SYS)	Unique
Hardware component(76) (OT_HW_CMP)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	IT function(107) (OT_DP_FUNC)	Unique
Hardware component(76) (OT_HW_CMP)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Module(65) (OT_MOD)	Unique
Hardware component(76) (OT_HW_CMP)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Program module(67) (OT_PRG_MOD)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Module(65) (OT_MOD)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Application system(64) (OT_APPL_SYS)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	IT function(107) (OT_DP_FUNC)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Module(65) (OT_MOD)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
IT function(107) (OT_DP_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IT function(107) (OT_DP_FUNC)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
IT function(107) (OT_DP_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
IT function(107) (OT_DP_FUNC)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
IT function(107) (OT_DP_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
IT function(107) (OT_DP_FUNC)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Field(21) (OT_FLD)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Table(55) (OT_TBL)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
Module(65) (OT_MOD)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Module(65) (OT_MOD)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Module(65) (OT_MOD)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Module(65) (OT_MOD)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
Module(65) (OT_MOD)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module(65) (OT_MOD)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Module type(37) (OT_MOD_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(98) (CT_ACS_1)	Field(21) (OT_FLD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(98) (CT_ACS_1)	Table(55) (OT_TBL)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	DBMS(69) (OT_DBMS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Field(21) (OT_FLD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(33) (CT_IS_RESP_FOR_1)	Table(55) (OT_TBL)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	has user(149) (CT_IS_USER_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	has user(149) (CT_IS_USER_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	has user(149) (CT_IS_USER_1)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Field(21) (OT_FLD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Table(55) (OT_TBL)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Field(21) (OT_FLD)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Table(55) (OT_TBL)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(98) (CT_ACS_1)	Field(21) (OT_FLD)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(98) (CT_ACS_1)	Table(55) (OT_TBL)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	DBMS(69) (OT_DBMS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Application system(64) (OT_APPL_SYS)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Field(21) (OT_FLD)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(33) (CT_IS_RESP_FOR_1)	Table(55) (OT_TBL)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	has user(149) (CT_IS_USER_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	has user(149) (CT_IS_USER_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	has user(149) (CT_IS_USER_1)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Field(21) (OT_FLD)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Table(55) (OT_TBL)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Field(21) (OT_FLD)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Table(55) (OT_TBL)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(98) (CT_ACS_1)	Field(21) (OT_FLD)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(98) (CT_ACS_1)	Table(55) (OT_TBL)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	DBMS(69) (OT_DBMS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Field(21) (OT_FLD)	Unique
Position(45) (OT_POS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Position(45) (OT_POS)	is responsible for	is under responsibility of(33) (CT_IS_RESP_FOR_1)	Table(55) (OT_TBL)	Unique
Position(45) (OT_POS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Position(45) (OT_POS)	is responsible for	is under responsibility of(122) (CT_IS_RESP_FOR_2)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is user	has user(149) (CT_IS_USER_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	has user(149) (CT_IS_USER_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	has user(149) (CT_IS_USER_1)	Module(65) (OT_MOD)	Unique
Program module(67) (OT_PRG_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Field (specimen)(74) (OT_FLD_SPEC)	Unique
Program module(67) (OT_PRG_MOD)	has output of	is output of(50) (CT_HAS_OUT)	Tables (specimen)(73) (OT_TBL_SPEC)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Relation(51) (OT_REL)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system(64) (OT_APPL_SYS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function(107) (OT_DP_FUNC)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module(65) (OT_MOD)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module class(38) (OT_MOD_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module type(37) (OT_MOD_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Table(55) (OT_TBL)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Tables (specimen)(73) (OT_TBL_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Tables (specimen)(73) (OT_TBL_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Tables (specimen)(73) (OT_TBL_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Tables (specimen)(73) (OT_TBL_SPEC)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module(67) (OT_PRG_MOD)	Unique
Tables (specimen)(73) (OT_TBL_SPEC)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
View(57) (OT_VIEW)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique
View(57) (OT_VIEW)	relates to	has(177) (CT_REL_TO)	Table(55) (OT_TBL)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–110 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function(107) (OT_DP_FUNC)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module(65) (OT_MOD)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is stored on	stores(173) (CT_STOR_ON)	Hardware component(76) (OT_HW_CMP)	Unique

13.2.3 Application system diagram

Table 13–111 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
Application system(64) (OT_APPL_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Application system(64) (OT_APPL_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Application system(64) (OT_APPL_SYS)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Application system(64) (OT_APPL_SYS)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Application system(64) (OT_APPL_SYS)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(397) (CT_USES)	Screen(31) (OT_SCRN)	Unique
DBMS(69) (OT_DBMS)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–111 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
DBMS type(15) (OT_DBMS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	IT function(107) (OT_DP_FUNC)	Unique
DBMS type(15) (OT_DBMS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Module(65) (OT_MOD)	Unique
DBMS type(15) (OT_DBMS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Program module(67) (OT_PRG_MOD)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	is user interface	runs under(254) (CT_IS_UI)	Application system(64) (OT_APPL_SYS)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	is user interface	runs under(254) (CT_IS_UI)	IT function(107) (OT_DP_FUNC)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	is user interface	runs under(254) (CT_IS_UI)	Module(65) (OT_MOD)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	is user interface	runs under(254) (CT_IS_UI)	Program module(67) (OT_PRG_MOD)	Unique
IT function(107) (OT_DP_FUNC)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
IT function(107) (OT_DP_FUNC)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
IT function(107) (OT_DP_FUNC)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	IT function(107) (OT_DP_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(397) (CT_USES)	Screen(31) (OT_SCRN)	Unique
Module(65) (OT_MOD)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
Module(65) (OT_MOD)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Module(65) (OT_MOD)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Module(65) (OT_MOD)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Module(65) (OT_MOD)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Module type(37) (OT_MOD_TYPE)	Unique
Module(65) (OT_MOD)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Module(65) (OT_MOD)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(397) (CT_USES)	Screen(31) (OT_SCRN)	Unique
Operating system type(10) (OT_OS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Application system(64) (OT_APPL_SYS)	Unique
Operating system type(10) (OT_OS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–111 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Operating system type(10) (OT_OS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Module(65) (OT_MOD)	Unique
Operating system type(10) (OT_OS_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Program module(67) (OT_PRG_MOD)	Unique
Program library(68) (OT_PRG_LIB)	encompasses	belongs to(67) (CT_SUBS_1)	Program library(68) (OT_PRG_LIB)	Unique
Program module(67) (OT_PRG_MOD)	encompasses	belongs to(67) (CT_SUBS_1)	Program module(67) (OT_PRG_MOD)	Unique
Program module(67) (OT_PRG_MOD)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	accesses	has access by(138) (CT_ACS_3)	Program library(68) (OT_PRG_LIB)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Program module type(66) (OT_PRG_MOD_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	implements	is implemented by(56) (CT_REAL)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	implements	is implemented by(56) (CT_REAL)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	implements	is implemented by(56) (CT_REAL)	Module type(37) (OT_MOD_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Application system(64) (OT_APPL_SYS)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	IT function(107) (OT_DP_FUNC)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Module(65) (OT_MOD)	Unique

13.2.4 Application system type diagram

Table 13–112 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system class(7) (OT_APPL_SYS_CLS)	can encompass	can belong to(161) (CT_CAN_SUBS_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Function(22) (OT_FUNC)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique

Table 13–112 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system class(7) (OT_APPL_SYS_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Module class(38) (OT_MOD_CLS)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Operating system type(10) (OT_OS_TYPE)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Programming language(70) (OT_PRG_LNG)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by using(145) (CT_SUPP_1)	Objective(86) (OT_OBJECTIVE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	belongs to class	encompasses(212) (CT_BELONGS_TO_CLS)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Module type(37) (OT_MOD_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Socket(296) (OT_SOCKET)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(397) (CT_USES)	Screen(31) (OT_SCRN)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13-112 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can run under	can be platform of(242) (CT_CAN_EXEC_ON)	Operating system type(10) (OT_OS_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Graphical user interface type(9) (OT_GRP_UI_TYPE)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	belongs to class	encompasses(212) (CT_BELONGS_TO_CLS)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique

Table 13–112 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(397) (CT_USES)	Screen(31) (OT_SCRN)	Unique
List(29) (OT_LST)	implements	is implemented by(56) (CT_REAL)	Draft list(30) (OT_LST_DSGN)	Unique
Module class(38) (OT_MOD_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Module class(38) (OT_MOD_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Module class(38) (OT_MOD_CLS)	Unique
Module class(38) (OT_MOD_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module class(38) (OT_MOD_CLS)	supports	is supported by using(145) (CT_SUPP_1)	Objective(86) (OT_OBJECTIVE)	Unique
Module type(37) (OT_MOD_TYPE)	belongs to class	encompasses(212) (CT_BELONGS_TO_CLS)	Module class(38) (OT_MOD_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Module type(37) (OT_MOD_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Module type(37) (OT_MOD_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Module type(37) (OT_MOD_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(397) (CT_USES)	Screen(31) (OT_SCRN)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Operating system type(10) (OT_OS_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Operating system type(10) (OT_OS_TYPE)	Unique
Package(187) (OT_PACK)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13-112 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	designs	is designed by(372) (CT_IS_REPR_BY_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Package(187) (OT_PACK)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Module type(37) (OT_MOD_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	implements	is implemented by(56) (CT_REAL)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	implements	is implemented by(56) (CT_REAL)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Program module type(66) (OT_PRG_MOD_TYPE)	implements	is implemented by(56) (CT_REAL)	Module type(37) (OT_MOD_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Programming language(70) (OT_PRG_LNG)	Unique
Programming language(70) (OT_PRG_LNG)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Programming language(70) (OT_PRG_LNG)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Module type(37) (OT_MOD_TYPE)	Unique
Screen(31) (OT_SCRN)	implements	is implemented by(56) (CT_REAL)	Screen design(32) (OT_SCRN_DSGN)	Unique
Socket(296) (OT_SOCKET)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Socket(296) (OT_SOCKET)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique

13.2.5 Application system type diagram (column display)

Table 13–113 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Socket(296) (OT_SOCKET)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Socket(296) (OT_SOCKET)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Socket(296) (OT_SOCKET)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique

13.2.6 Attribute allocation diagram

Table 13–114 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute(8) (OT_ATTR)	depicts	is depicted by(84) (CT_DEPICTS_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Attribute(8) (OT_ATTR)	depicts	is depicted by(113) (CT_DEPICTS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Attribute(8) (OT_ATTR)	has	is assigned to(121) (CT_HAS_2)	Domain(16) (OT_DOM)	Unique
Attribute(8) (OT_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relation(51) (OT_REL)	Unique
Attribute(8) (OT_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relation(51) (OT_REL)	Unique
Attribute(8) (OT_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relation(51) (OT_REL)	Unique

Assignment Relationships

Table 13–115 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute(8) (OT_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relation(51) (OT_REL)	Unique
Attribute(8) (OT_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relation(51) (OT_REL)	Unique
Attribute(8) (OT_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relation(51) (OT_REL)	Unique

13.2.7 Authorization hierarchy

Table 13–116 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Authorization condition(242) (OT_AUTH_CON)	encompasses	belongs to(239) (CT_SUBS_5)	Authorization condition(242) (OT_AUTH_CON)	Unique
Authorization condition(242) (OT_AUTH_CON)	is generalization of	is specialization of(479) (CT_GENERAL_2)	Authorization condition(242) (OT_AUTH_CON)	Unique

13.2.8 Authorization map

Table 13–117 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique

13.2.9 BPEL allocation diagram

Table 13–118 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	correlates with	correlates with(607) (CT_BPEL_CORRELATES)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
ERM attribute(19) (OT_ERM_ATTR)	from	to(599) (CT_BPEL_FROM)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is also known as	is also known as(610) (CT_BPEL_ALIAS)	Class(90) (OT_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is also known as	is also known as(610) (CT_BPEL_ALIAS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	catches	is caught by(597) (CT_BPEL_CATCHES)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Object instance(94) (OT_OBJ_INST)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Partner(320) (OT_BPEL_PARTNER)	Unique

Table 13–118 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	catches	is caught by(597) (CT_BPEL_CATCHES)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	catches	is caught by(597) (CT_BPEL_CATCHES)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Event(18) (OT_EVT)	Unique

Table 13–118 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	compensates	is compensated by(611) (CT_BPEL_COMPENSATES)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	compensates	is compensated by(611) (CT_BPEL_COMPENSATES)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	defines	is defined by(593) (CT_BPEL_DEFINES)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	defines	is defined by(593) (CT_BPEL_DEFINES)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	defines	is defined by(593) (CT_BPEL_DEFINES)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	has input	is input for(604) (CT_BPEL_IS_INPUT)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	has output	is output of(605) (CT_BPEL_HAS_OUTPUT)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT_PARA)	Unique
Function(22) (OT_FUNC)	is nested	nest(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique

Table 13–118 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	throws	is thrown by(606) (CT_BPEL_THROWS)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	to	from(600) (CT_BPEL_TO)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	to	from(600) (CT_BPEL_TO)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	to	from(600) (CT_BPEL_TO)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Function(22) (OT_FUNC)	uses	is used by(595) (CT_BPEL_USES)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Loop start(241) (OT_LOOP_START)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Loop start(241) (OT_LOOP_START)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique

Table 13–118 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Event(18) (OT_EVT)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Rule(50) (OT_RULE)	Unique
Object instance(94) (OT_OBJ_INST)	from	to(599) (CT_BPEL_FROM)	Function(22) (OT_FUNC)	Unique
Object instance(94) (OT_OBJ_INST)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Object instance(94) (OT_OBJ_INST)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Parameter(184) (OT_PARA)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Partner(320) (OT_BPEL_PARTNER)	contains	is part of(594) (CT_BPEL_CONTAINS)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Partner(320) (OT_BPEL_PARTNER)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	from	to(599) (CT_BPEL_FROM)	Function(22) (OT_FUNC)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	links port type	is linked with port type(609) (CT_BPEL_LINKS_PTYPE)	Class(90) (OT_CLS)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique

Table 13–118 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Rule(50) (OT_RULE)	Unique

13.2.10 BPEL process

Table 13–119 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	correlates with	correlates with(607) (CT_BPEL_CORRELATES)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique

Table 13–119 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	from	to(599) (CT_BPEL_FROM)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is also known as	is also known as(610) (CT_BPEL_ALIAS)	Class(90) (OT_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is also known as	is also known as(610) (CT_BPEL_ALIAS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	catches	is caught by(597) (CT_BPEL_CATCHES)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Object instance(94) (OT_OBJ_INST)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Partner(320) (OT_BPEL_PARTNER)	Unique
Event(18) (OT_EVT)	defines	is defined by(593) (CT_BPEL_DEFINES)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Loop start(241) (OT_LOOP_START)	Unique

Table 13–119 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	catches	is caught by(597) (CT_BPEL_CATCHES)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	catches	is caught by(597) (CT_BPEL_CATCHES)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	catches all	all are caught by(608) (CT_BPEL_CATCH_ALL)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	compensates	is compensated by(611) (CT_BPEL_COMPENSATES)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	compensates	is compensated by(611) (CT_BPEL_COMPENSATES)	Function(22) (OT_FUNC)	Unique

Table 13–119 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	defines	is defined by(593) (CT_BPEL_DEFINES)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	defines	is defined by(593) (CT_BPEL_DEFINES)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	defines	is defined by(593) (CT_BPEL_DEFINES)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	defines compensation	compensation is defined by(596) (CT_BPEL_DEFINES_COMPENSATION)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	has input	is input for(604) (CT_BPEL_IS_INPUT)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	has output	is output of(605) (CT_BPEL_HAS_OUTPUT)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT_PARA)	Unique
Function(22) (OT_FUNC)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Loop start(241) (OT_LOOP_START)	Unique

Table 13–119 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Function(22) (OT_FUNC)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	starts with	is first activity of(601) (CT_BPEL_STARTS_WITH)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	throws	is thrown by(606) (CT_BPEL_THROWS)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	to	from(600) (CT_BPEL_TO)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	to	from(600) (CT_BPEL_TO)	Object instance(94) (OT_OBJ_INST)	Unique
Function(22) (OT_FUNC)	to	from(600) (CT_BPEL_TO)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Function(22) (OT_FUNC)	uses	is used by(595) (CT_BPEL_USES)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Loop start(241) (OT_LOOP_START)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Loop start(241) (OT_LOOP_START)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique

Table 13–119 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Event(18) (OT_EVT)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Loop start(241) (OT_LOOP_START)	Unique
Loop start(241) (OT_LOOP_START)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Rule(50) (OT_RULE)	Unique
Object instance(94) (OT_OBJ_INST)	from	to(599) (CT_BPEL_FROM)	Function(22) (OT_FUNC)	Unique
Object instance(94) (OT_OBJ_INST)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Object instance(94) (OT_OBJ_INST)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Parameter(184) (OT_PARA)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Partner(320) (OT_BPEL_PARTNER)	contains	is part of(594) (CT_BPEL_CONTAINS)	Partner link(322) (OT_BPEL_PARTNER_LINK)	Unique
Partner(320) (OT_BPEL_PARTNER)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	from	to(599) (CT_BPEL_FROM)	Function(22) (OT_FUNC)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	links port type	is linked with port type(609) (CT_BPEL_LINKS_PTYPE)	Class(90) (OT_CLS)	Unique
Partner link(322) (OT_BPEL_PARTNER_LINK)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	has case	is case of(603) (CT_BPEL_CASE)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Event(18) (OT_EVT)	Unique

Table 13–119 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	links	is linked with(602) (CT_BPEL_LINKS)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	performs	is performed by(598) (CT_BPEL_PERFORMS)	Rule(50) (OT_RULE)	Unique

13.2.11 Business controls diagram

Table 13–120 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is implemented by	implements(366) (CT_IS_IMPL_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Function(22) (OT_FUNC)	is implemented by	implements(366) (CT_IS_IMPL_BY)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	is implemented by	implements(366) (CT_IS_IMPL_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Function(22) (OT_FUNC)	is monitored by	monitors(627) (CT_IS_MONITORED_BY)	Test definition(321) (OT_TEST_DEFINITION)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Objective(86) (OT_OBJECTIVE)	defines	is defined by(612) (CT_DEF_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–120 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Test definition(321) (OT_TEST_DEFINITION)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Risk(159) (OT_RISK)	Unique
Risk(159) (OT_RISK)	affects	is affected by(629) (CT_AFFECTS)	Technical term(58) (OT_TECH_TRM)	Unique
Risk(159) (OT_RISK)	is prevented by	prevents(365) (CT_IS_PREV_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Risk(159) (OT_RISK)	is prevented by	prevents(365) (CT_IS_PREV_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Risk(159) (OT_RISK)	is reduced by	mitigates(363) (CT_IS_REDU_BY)	Function(22) (OT_FUNC)	Unique
Risk(159) (OT_RISK)	is reported by	is reported by(364) (CT_IS_REPO_BY)	Information carrier(27) (OT_INFO_CARR)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Employee variable(151) (OT_EMPL_INST)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Group(128) (OT_GRP)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Location(54) (OT_LOC)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Person(46) (OT_PERS)	Unique
Test definition(321) (OT_TEST_DEFINITION)	affects	is affected by(629) (CT_AFFECTS)	Position(45) (OT_POS)	Unique

Assignment Relationships

Table 13–121 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is exposed to	is associated with(361) (CT_IS_EXPOS_TO)	Risk(159) (OT_RISK)	Unique
Function(22) (OT_FUNC)	requires	is required by(362) (CT_REQ)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(360) (CT_USE_5)	Function instance(137) (OT_FUNC_INST)	
Function(22) (OT_FUNC)	uses	is used by(360) (CT_USE_5)	Information carrier(27) (OT_INFO_CARR)	
Function(22) (OT_FUNC)	uses	is used by(360) (CT_USE_5)	Organizational unit(43) (OT_ORG_UNIT)	

13.2.12 Business process diagram (BPMN)

Table 13–122 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is received from	receives(408) (CT_IS_RECEIVED)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is received from	receives(408) (CT_IS_RECEIVED)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is received from	receives(408) (CT_IS_RECEIVED)	Pool(303) (OT_BPMN_POOL)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Lane(304) (OT_BPMN_LANE)	Unique
Event(18) (OT_EVT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Pool(303) (OT_BPMN_POOL)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Pool(303) (OT_BPMN_POOL)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	sends	is sent from(407) (CT_SENDS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Lane(304) (OT_BPMN_LANE)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Pool(303) (OT_BPMN_POOL)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Pool(303) (OT_BPMN_POOL)	Unique

Table 13-122 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	sends	is sent from(407) (CT_SENDS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Information carrier(27) (OT_INFO_CARR)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Lane(304) (OT_BPMN_LANE)	Unique
Information carrier(27) (OT_INFO_CARR)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Pool(303) (OT_BPMN_POOL)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Lane(304) (OT_BPMN_LANE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Pool(303) (OT_BPMN_POOL)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Application system(64) (OT_APPL_SYS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Class(90) (OT_CLS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Cluster/Data model(14) (OT_CLST)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Component(188) (OT_CMP)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Function(22) (OT_FUNC)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Group(128) (OT_GRP)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	IT function(107) (OT_DP_FUNC)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Location(54) (OT_LOC)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Module(65) (OT_MOD)	Unique

Table 13–122 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Module class(38) (OT_MOD_CLS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Module type(37) (OT_MOD_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Package(187) (OT_PACK)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Person(46) (OT_PERS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Person type(78) (OT_PERS_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Position(45) (OT_POS)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	System organizational unit(12) (OT_SYS_ORG_UNIT)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique
Lane(304) (OT_BPMN_LANE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Technical term(58) (OT_TECH_TRM)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Application system(64) (OT_APPL_SYS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Class(90) (OT_CLS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Cluster/Data model(14) (OT_CLST)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Component(188) (OT_CMP)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Function(22) (OT_FUNC)	Unique

Table 13-122 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Group(128) (OT_GRP)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	IT function(107) (OT_DP_FUNC)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Location(54) (OT_LOC)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Module(65) (OT_MOD)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Module class(38) (OT_MOD_CLS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Module type(37) (OT_MOD_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Package(187) (OT_PACK)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Person(46) (OT_PERS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Person type(78) (OT_PERS_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Position(45) (OT_POS)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	System organizational unit(12) (OT_SYS_ORG_UNIT)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique
Pool(303) (OT_BPMN_POOL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Technical term(58) (OT_TECH_TRM)	Unique
Pool(303) (OT_BPMN_POOL)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Event(18) (OT_EVT)	Unique
Pool(303) (OT_BPMN_POOL)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Function(22) (OT_FUNC)	Unique
Pool(303) (OT_BPMN_POOL)	message flow	incoming message flow(689) (CT_BPMN_MESSAGE_FLOW)	Pool(303) (OT_BPMN_POOL)	Unique
Pool(303) (OT_BPMN_POOL)	sends	is sent from(407) (CT_SENDS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique

Table 13–122 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Lane(304) (OT_BPMN_LANE)	Unique
Rule(50) (OT_RULE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Pool(303) (OT_BPMN_POOL)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique

13.2.13 Business segment matrix

Table 13–123 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	belongs to business segment	encompasses(583) (CT_BELONGS_TO_BUSINESS_SEGMENT)	Business segment(302) (OT_BUSINESS_SEGMENT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	belongs to business segment	encompasses(583) (CT_BELONGS_TO_BUSINESS_SEGMENT)	Business segment(302) (OT_BUSINESS_SEGMENT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	belongs to business segment	encompasses(583) (CT_BELONGS_TO_BUSINESS_SEGMENT)	Business segment(302) (OT_BUSINESS_SEGMENT)	Unique
Person type(78) (OT_PERS_TYPE)	belongs to business segment	encompasses(583) (CT_BELONGS_TO_BUSINESS_SEGMENT)	Business segment(302) (OT_BUSINESS_SEGMENT)	Unique
Position(45) (OT_POS)	belongs to business segment	encompasses(583) (CT_BELONGS_TO_BUSINESS_SEGMENT)	Business segment(302) (OT_BUSINESS_SEGMENT)	Unique
Product/Service(153) (OT_PERF)	belongs to business segment	encompasses(583) (CT_BELONGS_TO_BUSINESS_SEGMENT)	Business segment(302) (OT_BUSINESS_SEGMENT)	Unique

13.2.14 c3 method

Table 13–124 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Function(22) (OT_FUNC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Function(22) (OT_FUNC)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Group(128) (OT_GRP)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique

Table 13–124 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Group(128) (OT_GRP)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Improvement potential(254) (OT_C3_IMPROVE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Knowledge category(230) (OT_KNWLKG_CAT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Location(54) (OT_LOC)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Location(54) (OT_LOC)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Location(54) (OT_LOC)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Objective(86) (OT_OBJECTIVE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique

Table 13–124 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique

Table 13–124 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Person(46) (OT_PERS)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Person type(78) (OT_PERS_TYPE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Person type(78) (OT_PERS_TYPE)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Position(45) (OT_POS)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique

Table 13–124 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is deputy process manager	is as process under representative responsibility of(506) (CT_IS_SUBST_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Group(128) (OT_GRP)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Location(54) (OT_LOC)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Person type(78) (OT_PERS_TYPE)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Risk(159) (OT_RISK)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique
Tool(255) (OT_C3_TOOL)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Structural element(232) (OT_STRCT_ELMT)	Unique

13.2.15 CD Diagram

Table 13–125 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cost driver(226) (OT_COST_DRIVER)	determines volume of	volume is dependent on(448) (CT_DETERM_AMOUN)	Cost driver(226) (OT_COST_DRIVER)	Unique

13.2.16 Class diagram

Table 13–126 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Entity type(17) (OT_ENT_TYPE)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	depicts	is depicted by(113) (CT_DEPICTS_2)	Class(90) (OT_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	has link to	has link to(83) (CT_HAS_LINK_TO)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13-126 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	has method	is method for(251) (CT_HAS_METH)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	defines	is defined by(103) (CT_DEF)	Relationship type(11) (OT_RELSHP_TYPE)	
Entity type(17) (OT_ENT_TYPE)	depicts	is depicted by(113) (CT_DEPICTS_2)	Class(90) (OT_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	has method	is method for(251) (CT_HAS_METH)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	belongs to	encompasses(269) (CT_BELONGS_TO_6)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	ERM domain(20) (OT_ERM_DOM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is assigned to	has assigned(252) (CT_IS_ASSIG_6)	Cluster/Data model(14) (OT_CLST)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Generalization type(23) (OT_GNRL_TYPE)	differentiates according to value of	is characteristic for(268) (CT_DIFF)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	defines	is defined by(103) (CT_DEF)	Relationship type(11) (OT_RELSHP_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	has method	is method for(251) (CT_HAS_METH)	Function(22) (OT_FUNC)	Unique

Table 13–126 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	Class(90) (OT_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	has method	is method for(251) (CT_HAS_METH)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Assignment Relationships

Table 13–127 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Cluster/Data model(14) (OT_CLST)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Generalization type(23) (OT_GNRL_TYPE)	differentiates according to value of	is characteristic for(268) (CT_DIFF)	ERM attribute(19) (OT_ERM_ATTR)	Unique

13.2.17 Classification diagram**Table 13–128 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	belongs to	groups(115) (CT_BELONGS_TO_3)	Object type class(36) (OT_OBJ_TYPE_CLS)	Unique
Object type class(36) (OT_OBJ_TYPE_CLS)	classified by	is criterion of(114) (CT_CLSF_BY)	Classification criterion(33) (OT_CLASSFC_CRIT)	Unique

13.2.18 Communications diagram

Table 13–129 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Communication(130) (OT_COMM)	is received from	receives(408) (CT_IS_RECEIVED)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Communication(130) (OT_COMM)	is received from	receives(408) (CT_IS_RECEIVED)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	sends	is sent from(407) (CT_SENDS_2)	Communication(130) (OT_COMM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Communication(130) (OT_COMM)	Unique

13.2.19 Competition model

Table 13–130 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique

13.2.20 Cost category diagram

Table 13–131 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cost category(132) (OT_COST_TYPE)	is superior	is subordinate(3) (CT_IS_SUPERIOR_1)	Cost category(132) (OT_COST_TYPE)	Unique

13.2.21 DTD

Table 13–132 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Conditional section(248) (OT_COND_SECT)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Item type(247) (OT_ELEM_TYPE)	Unique
Conditional section(248) (OT_COND_SECT)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Conditional section(248) (OT_COND_SECT)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Conditional section(248) (OT_COND_SECT)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Contents(249) (OT_XML_CONTENTS)	contains	is contents of(461) (CT_CONTAINS_2)	Item type(247) (OT_ELEM_TYPE)	Unique

Table 13–132 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Enumeration attribute type(253) (OT_XML_ENUMTYPE)	has	is assigned to(121) (CT_HAS_2)	Enumeration(175) (OT_ENUM)	Unique
Item type(247) (OT_ELEM_TYPE)	contains	is contents of(461) (CT_CONTAINS_2)	Conditional section(248) (OT_COND_SECT)	Unique
Item type(247) (OT_ELEM_TYPE)	contains	is contents of(461) (CT_CONTAINS_2)	Contents(249) (OT_XML_CONTENTS)	Unique
Item type(247) (OT_ELEM_TYPE)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Item type(247) (OT_ELEM_TYPE)	Unique
Item type(247) (OT_ELEM_TYPE)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Item type(247) (OT_ELEM_TYPE)	has any number of times	may occur(497) (CT_MAY_OCCUR)	XOR(251) (OT_XML_XOR)	Unique
Item type(247) (OT_ELEM_TYPE)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Item type(247) (OT_ELEM_TYPE)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Item type(247) (OT_ELEM_TYPE)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	XOR(251) (OT_XML_XOR)	Unique
Item type(247) (OT_ELEM_TYPE)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Item type(247) (OT_ELEM_TYPE)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Item type(247) (OT_ELEM_TYPE)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	XOR(251) (OT_XML_XOR)	Unique
Item type(247) (OT_ELEM_TYPE)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Item type(247) (OT_ELEM_TYPE)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Item type(247) (OT_ELEM_TYPE)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	XOR(251) (OT_XML_XOR)	Unique
Item type(247) (OT_ELEM_TYPE)	is described by	is describing for(396) (CT_IS_DSCR)	Attribute type(252) (OT_XML_ATTRTYPE)	Unique
Item type(247) (OT_ELEM_TYPE)	is described by	is describing for(396) (CT_IS_DSCR)	Enumeration attribute type(253) (OT_XML_ENUMTYPE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	contains	is contents of(461) (CT_CONTAINS_2)	Contents(249) (OT_XML_CONTENTS)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Item type(247) (OT_ELEM_TYPE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has any number of times	may occur(497) (CT_MAY_OCCUR)	XOR(251) (OT_XML_XOR)	Unique

Table 13–132 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Sequence(250) (OT_XML_SEQUENCE)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	XOR(251) (OT_XML_XOR)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	XOR(251) (OT_XML_XOR)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
Sequence(250) (OT_XML_SEQUENCE)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	XOR(251) (OT_XML_XOR)	Unique
XOR(251) (OT_XML_XOR)	contains	is contents of(461) (CT_CONTAINS_2)	Contents(249) (OT_XML_CONTENTS)	Unique
XOR(251) (OT_XML_XOR)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Item type(247) (OT_ELEM_TYPE)	Unique
XOR(251) (OT_XML_XOR)	has any number of times	may occur(497) (CT_MAY_OCCUR)	Sequence(250) (OT_XML_SEQUENCE)	Unique
XOR(251) (OT_XML_XOR)	has any number of times	may occur(497) (CT_MAY_OCCUR)	XOR(251) (OT_XML_XOR)	Unique
XOR(251) (OT_XML_XOR)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Item type(247) (OT_ELEM_TYPE)	Unique
XOR(251) (OT_XML_XOR)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
XOR(251) (OT_XML_XOR)	has at least once	must occur at least once(498) (CT_REQ_AT_LEAST_1)	XOR(251) (OT_XML_XOR)	Unique
XOR(251) (OT_XML_XOR)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Item type(247) (OT_ELEM_TYPE)	Unique
XOR(251) (OT_XML_XOR)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
XOR(251) (OT_XML_XOR)	has at most once	may occur at most once(499) (CT_OPT_MAX_1)	XOR(251) (OT_XML_XOR)	Unique

Table 13–132 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
XOR(251) (OT_XML_XOR)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Item type(247) (OT_ELEM_TYPE)	Unique
XOR(251) (OT_XML_XOR)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	Sequence(250) (OT_XML_SEQUENCE)	Unique
XOR(251) (OT_XML_XOR)	has exactly once	must occur exactly once(500) (CT_EXACTLY_1)	XOR(251) (OT_XML_XOR)	Unique

13.2.22 DW structure

Table 13–133 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Cluster/Data model(14) (OT_CLST)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Entity type(17) (OT_ENT_TYPE)	has relationship to	has relationship to(194) (CT_HAS_REL_WITH)	Entity type(17) (OT_ENT_TYPE)	
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique

13.2.23 DW transformation

Table 13–134 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique

13.2.24 E-Business scenario diagram

Table 13–135 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(65) (CT_EXEC_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Security protocol(245) (OT_SECUREPROT)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Security protocol(245) (OT_SECUREPROT)	secures	is secured by(496) (CT_SECURE)	Cluster/Data model(14) (OT_CLST)	Unique
Security protocol(245) (OT_SECUREPROT)	secures	is secured by(496) (CT_SECURE)	Product/Service(153) (OT_PERF)	Unique

13.2.25 eERM

Table 13–136 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Entity type(17) (OT_ENT_TYPE)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	has link to	has link to(83) (CT_HAS_LINK_TO)	Cluster/Data model(14) (OT_CLST)	Unique
COT attribute(179) (OT_COT_ATTR)	corresponds to	corresponds to(391) (CT_CORRES)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Entity type(17) (OT_ENT_TYPE)	defines	is defined by(103) (CT_DEF)	Relationship type(11) (OT_RELSHP_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Enumeration(175) (OT_ENUM)	has value	is value of(373) (CT_IS_VALUE)	Enumeration occurrence(171) (OT_COUNT_INST)	Unique
ERM attribute(19) (OT_ERM_ATTR)	belongs to	encompasses(269) (CT_BELONGS_TO_6)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	Enumeration(175) (OT_ENUM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	ERM domain(20) (OT_ERM_DOM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	Measurement unit(176) (OT_UNIT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	Measurement unit number(185) (OT_UNIT_NUM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–136 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Functional cluster(294) (OT_FUNC_CLUSTER)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Generalization type(23) (OT_GNRL_TYPE)	differentiates according to value of	is characteristic for(268) (CT_DIFF)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS function(293) (OT_IS_FUNC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
IS function(293) (OT_IS_FUNC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Measurement unit number(185) (OT_UNIT_NUM)	has	is assigned to(121) (CT_HAS_2)	ERM domain(20) (OT_ERM_DOM)	Unique
Measurement unit number(185) (OT_UNIT_NUM)	has	is assigned to(121) (CT_HAS_2)	Measurement unit(176) (OT_UNIT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	defines	is defined by(103) (CT_DEF)	Relationship type(11) (OT_RELSHP_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Socket(296) (OT_SOCKET)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Socket(296) (OT_SOCKET)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Assignment Relationships

Table 13–137 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Cluster/Data model(14) (OT_CLST)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–137 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Enumeration(175) (OT_ENUM)	has value	is value of(373) (CT_IS_VALUE)	Enumeration occurrence(171) (OT_COUNT_INST)	Unique
Information carrier(27) (OT_INFO_CARR)	lies on	has information about(86) (CT_LIES_ON)	Cluster/Data model(14) (OT_CLST)	Unique
Information carrier(27) (OT_INFO_CARR)	lies on	has information about(86) (CT_LIES_ON)	Entity type(17) (OT_ENT_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	lies on	has information about(86) (CT_LIES_ON)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Information carrier(27) (OT_INFO_CARR)	lies on	has information about(86) (CT_LIES_ON)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Cluster/Data model(14) (OT_CLST)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

13.2.26 eERM attribute allocation diagram

Table 13–138 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Entity type(17) (OT_ENT_TYPE)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
COT attribute(179) (OT_COT_ATTR)	corresponds to	corresponds to(391) (CT_CORRES)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–138 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Enumeration(175) (OT_ENUM)	has value	is value of(373) (CT_IS_VALUE)	Enumeration occurrence(171) (OT_COUNT_INST)	Unique
ERM attribute(19) (OT_ERM_ATTR)	belongs to	encompasses(269) (CT_BELONGS_TO_6)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	Enumeration(175) (OT_ENUM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	ERM domain(20) (OT_ERM_DOM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	Measurement unit(176) (OT_UNIT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has	is assigned to(121) (CT_HAS_2)	Measurement unit number(185) (OT_UNIT_NUM)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Generalization type(23) (OT_GNRL_TYPE)	differentiates according to value of	is characteristic for(268) (CT_DIFF)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Measurement unit number(185) (OT_UNIT_NUM)	has	is assigned to(121) (CT_HAS_2)	ERM domain(20) (OT_ERM_DOM)	Unique
Measurement unit number(185) (OT_UNIT_NUM)	has	is assigned to(121) (CT_HAS_2)	Measurement unit(176) (OT_UNIT)	Unique

Assignment Relationships

Table 13–139 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Entity type(17) (OT_ENT_TYPE)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Entity type(17) (OT_ENT_TYPE)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Enumeration(175) (OT_ENUM)	has value	is value of(373) (CT_IS_VALUE)	Enumeration occurrence(171) (OT_COUNT_INST)	Unique

Table 13–139 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Generalization type(23) (OT_GNRL_TYPE)	differentiates according to value of	is characteristic for(268) (CT_DIFF)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique

13.2.27 Enterprise architecture model

Table 13–140 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(67) (CT_SUBS_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(67) (CT_SUBS_1)	IS function(293) (OT_IS_FUNC)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(67) (CT_SUBS_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS function(293) (OT_IS_FUNC)	encompasses	belongs to(67) (CT_SUBS_1)	IS function(293) (OT_IS_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	encompasses	belongs to(67) (CT_SUBS_1)	IS service(295) (OT_IS_SERVICE)	Unique

13.2.28 Enterprise architecture model (column display)

Table 13–141 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(67) (CT_SUBS_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(67) (CT_SUBS_1)	IS function(293) (OT_IS_FUNC)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(67) (CT_SUBS_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS function(293) (OT_IS_FUNC)	encompasses	belongs to(67) (CT_SUBS_1)	IS function(293) (OT_IS_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	encompasses	belongs to(67) (CT_SUBS_1)	IS service(295) (OT_IS_SERVICE)	Unique

13.2.29 EPC

Table 13–142 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_Tech_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique

Table 13-142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–142 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Assignment Relationships

Table 13–143 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.30 EPC (column display)

Table 13–144 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_Tech_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13-144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	Unique
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13-144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13-144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLGD_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB1_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique

Table 13-144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_T_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_T_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSH P_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	Unique

Table 13-144 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Assignment Relationships

Table 13–145 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCIS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.31 EPC (horizontal table display)

Table 13–146 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13-146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OBJ)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–146 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Assignment Relationships

Table 13–147 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCES_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.32 EPC (instance)**Table 13–148 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OB)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object(181) (OT_CX_OB)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity(139) (OT_ENT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster instance(138) (OT_CLST_INST)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object(181) (OT_CX_OBJ)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
COT attribute (instance)(180) (OT_COT_ATTR_INS)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event instance(143) (OT_EV_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event instance(143) (OT_EV_INST)	
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity(139) (OT_ENT)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Entity(139) (OT_ENT)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Entity(139) (OT_ENT)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Entity(139) (OT_ENT)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity(139) (OT_ENT)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Entity(139) (OT_ENT)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
ERM attribute instance(142) (OT_ERM_ATTR_INST)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event instance(143) (OT_EV_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event instance(143) (OT_EV_INST)	
Event instance(143) (OT_EV_INST)	activates	is activated by(329) (CT_ACTIV_3)	Function instance(137) (OT_FUNC_INST)	Unique
Event instance(143) (OT_EV_INST)	is evaluated by	evaluates(331) (CT_IS_EVAL_BY_2)	Rule instance(152) (OT_RULE_INST)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function instance(137) (OT_FUNC_INST)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique

Table 13-148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function instance(137) (OT_FUNC_INST)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(330) (CT_CRT_6)	Event instance(143) (OT_EV_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Entity(139) (OT_ENT)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function instance(137) (OT_FUNC_INST)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function instance(137) (OT_FUNC_INST)	leads to	is assigned to(333) (CT_LEADS_TO_3)	Rule instance(152) (OT_RULE_INST)	Unique
Function instance(137) (OT_FUNC_INST)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INST)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster instance(138) (OT_CLST_INST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object(181) (OT_CX_OBJ)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity(139) (OT_ENT)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship(140) (OT_RELSH_P)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event instance(143) (OT_EV_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity(139) (OT_ENT)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Operating resource(120) (OT_OP_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster instance(138) (OT_CLST_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object(181) (OT_CX_OBJ)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity(139) (OT_ENT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship(140) (OT_RELSHP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13-148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	has carried out	was carried out by(384) (CT_HAS_EXEC)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster instance(138) (OT_CLST_INST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object(181) (OT_CX_OBJ)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity(139) (OT_ENT)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship(140) (OT_RELSHP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function instance(137) (OT_FUNC_INST)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_RES_OF)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Relationship(140) (OT_RELSHP)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Relationship(140) (OT_RELSHP)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Relationship(140) (OT_RELSHP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship(140) (OT_RELSHP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship(140) (OT_RELSHP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship(140) (OT_RELSHP)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Rule instance(152) (OT_RULE_INST)	activates	is activated by(329) (CT_ACTIV_3)	Function instance(137) (OT_FUNC_INST)	Unique
Rule instance(152) (OT_RULE_INST)	leads to	is dependent on(334) (CT_LEADS_TO_4)	Event instance(143) (OT_EV_INST)	Unique

Table 13–148 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Rule instance(152) (OT_RULE_INST)	links	is linked by(332) (CT_LNK_4)	Rule instance(152) (OT_RULE_INST)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function instance(137) (OT_FUNC_INST)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function instance(137) (OT_FUNC_INST)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique

Assignment Relationships

Table 13–149 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function instance(137) (OT_FUNC_INST)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function instance(137) (OT_FUNC_INST)	Unique

13.2.33 EPC (material flow)**Table 13–150 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OBJ)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique

Table 13-150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_1)	Function(22) (OT_FUNC)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	belongs to	encompasses(269) (CT_BELONGS_TO_6)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	defines status	is defined(273) (CT_DEF_STATE)	Material type(126) (OT_MAT_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system(122) (OT_TRNSP_SYS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	accesses alternatively	is accessed alternatively by(282) (CT_ACS_ALT)	Transport system(122) (OT_TRNSP_SYS)	Unique
Function(22) (OT_FUNC)	accesses alternatively	is accessed alternatively by(282) (CT_ACS_ALT)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_Tech_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(57) (CT_CRT_2)	Material type(126) (OT_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	General resource(145) (OT_GNRL_RES)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROCUČES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_Tech_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	Unique
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Material type(126) (OT_MAT_TYPE)	is consumed	consumes(274) (CT_IS_CONS_BY)	Function(22) (OT_FUNC)	Unique
Material type(126) (OT_MAT_TYPE)	is not consumed	does not consume(276) (CT_IS_NOT_CONS_BY)	Function(22) (OT_FUNC)	Unique
Material type(126) (OT_MAT_TYPE)	is partly consumed	partly consumes(275) (CT_IS_PARTLY_CONS_BY)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique

Table 13-150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_T_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_T_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLGD_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSH_P_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–150 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_Tech_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_Tech_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_Tech_TRM)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_Tech_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_Tech_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique

Assignment Relationships

Table 13–151 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.34 EPC (row display)

Table 13–152 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROCUČES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROCUČES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB1_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB1_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13-152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_INFO_AB_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDC_CAT)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDRG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–152 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Assignment Relationships

Table 13–153 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.35 EPC (table display)**Table 13–154 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster /Data model(14) (OT_CLST)	Unique

Table 13-154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13-154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13-154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_Tech_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_Tech_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_Tech_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_ABT_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13-154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique

Table 13-154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_RES_OF)	Function(22) (OT_FUNC)	Unique

Table 13-154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–154 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Assignment Relationships

Table 13–155 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.36 Event diagram

Table 13–156 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique

Table 13–156 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	has subordinate event	is subordinate event of(46) (CT_HAS_SUBO_EV)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Event(18) (OT_EVT)	links	is linked to(47) (CT_LNK_1)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–156 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Information carrier(27) (OT_INFO_CARR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique

Table 13–156 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	has subordinate rule	is subordinate rule of(45) (CT_HAS_SUBO_RULE)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Assignment Relationships

Table 13–157 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	has subordinate event	is subordinate event of(46) (CT_HAS_SUBO_EV)	Event(18) (OT_EVT)	Unique

13.2.37 Function allocation diagram

Table 13–158 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique

Table 13-158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	belongs to	encompasses(269) (CT_BELONGS_TO_6)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	defines status	is defined(273) (CT_DEF_STATE)	Material type(126) (OT_MAT_TYPE)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system(122) (OT_TRNSP_SYS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	accesses alternatively	is accessed alternatively by(282) (CT_ACS_ALT)	Transport system(122) (OT_TRNSP_SYS)	Unique
Function(22) (OT_FUNC)	accesses alternatively	is accessed alternatively by(282) (CT_ACS_ALT)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(57) (CT_CRT_2)	Material type(126) (OT_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_Tech_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_Tech_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique

Table 13-158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLGD_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLGD_CAT)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Material type(126) (OT_MAT_TYPE)	is consumed	consumes(274) (CT_IS_CONS_BY)	Function(22) (OT_FUNC)	Unique
Material type(126) (OT_MAT_TYPE)	is not consumed	does not consume(276) (CT_IS_NOT_CONS_BY)	Function(22) (OT_FUNC)	Unique
Material type(126) (OT_MAT_TYPE)	is partly consumed	partly consumes(275) (CT_IS_PARTLY_CONS_BY)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13-158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_REL SHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_ABT_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_INFO_ABT_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Workflow pattern(361) (OT_ORACLE_WORKFLOW_PATTERN)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique

Table 13-158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique

Table 13–158 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique

13.2.38 Function allocation diagram (instance)

Table 13–159 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity(139) (OT_ENT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster instance(138) (OT_CLST_INST)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object(181) (OT_CX_OBJ)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Complex object(181) (OT_CX_OBJ)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
COT attribute (instance)(180) (OT_COT_ATTR_INS)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event instance(143) (OT_EV_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute (instance)(180) (OT_COT_ATTR_INS)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event instance(143) (OT_EV_INST)	

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity(139) (OT_ENT)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Entity(139) (OT_ENT)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity(139) (OT_ENT)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Entity(139) (OT_ENT)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Entity(139) (OT_ENT)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Entity(139) (OT_ENT)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
ERM attribute instance(142) (OT_ERM_ATTR_INST)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event instance(143) (OT_EV_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
ERM attribute instance(142) (OT_ERM_ATTR_INST)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event instance(143) (OT_EV_INST)	
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function instance(137) (OT_FUNC_INST)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique

Table 13-159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function instance(137) (OT_FUNC_INST)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Complex object(181) (OT_CX_OBJ)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Entity(139) (OT_ENT)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Relationship(140) (OT_RELSHP)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Function instance(137) (OT_FUNC_INST)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function instance(137) (OT_FUNC_INST)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function instance(137) (OT_FUNC_INST)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster instance(138) (OT_CLST_INST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object(181) (OT_CX_OBJ)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity(139) (OT_ENT)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship(140) (OT_RELSHP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event instance(143) (OT_EV_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity(139) (OT_ENT)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster instance(138) (OT_CLST_INST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object(181) (OT_CX_OBJ)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity(139) (OT_ENT)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship(140) (OT_RELSHP)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Operating resource(120) (OT_OP_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster instance(138) (OT_CLST_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object(181) (OT_CX_OBJ)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity(139) (OT_ENT)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship(140) (OT_RELSHP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13-159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	has carried out	was carried out by(384) (CT_HAS_EXEC)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_ABT_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster instance(138) (OT_CLST_INST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object(181) (OT_CX_OBJ)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity(139) (OT_ENT)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship(140) (OT_RELSHP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function instance(137) (OT_FUNC_INST)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_INFO_ABT_RES_OF)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster instance(138) (OT_CLST_INST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object(181) (OT_CX_OBJ)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity(139) (OT_ENT)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship(140) (OT_RELSHP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical terms instance(141) (OT_Tech_TERM_INST)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster instance(138) (OT_CLST_INST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object(181) (OT_CX_OBJ)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity(139) (OT_ENT)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship(140) (OT_RELSHP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical terms instance(141) (OT_TECH_TERM_INST)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute (instance)(180) (OT_COT_ATTR_INS)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute instance(142) (OT_ERM_ATTR_INST)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function instance(137) (OT_FUNC_INST)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Relationship(140) (OT_RELSHIP)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Relationship(140) (OT_RELSHIP)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique
Relationship(140) (OT_RELSHIP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship(140) (OT_RELSHIP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship(140) (OT_RELSHIP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship(140) (OT_RELSHIP)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function instance(137) (OT_FUNC_INST)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function instance(137) (OT_FUNC_INST)	Unique
Technical terms instance(141) (OT_TECH_TERM_INST)	has current location	is current location of(303) (CT_HAS_CUR_LOC)	Information carrier(27) (OT_INFO_CARR)	Unique
Technical terms instance(141) (OT_TECH_TERM_INST)	has state	is state of(75) (CT_HAS_STATE)	Event instance(143) (OT_EV_INST)	Unique

Table 13–159 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical terms instance(141) (OT_Tech_TERM_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Technical terms instance(141) (OT_Tech_TERM_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique

13.2.39 Function tree

Table 13–160 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is execution-oriented superior	is execution-oriented subordinate(40) (CT_IS_EXEC_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is object-oriented superior	is object-oriented subordinate(41) (CT_IS_OBJ_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.40 Function/organizational level diagram

Table 13–161 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Organizational level(59) (OT_ORG_LVL)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Organizational level(59) (OT_ORG_LVL)	Unique

13.2.41 IE Data model

Table 13–162 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Cluster/Data model(14) (OT_CLST)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique

Table 13–162 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	has relationship to	has relationship to(194) (CT_HAS_REL_WITH)	Entity type(17) (OT_ENT_TYPE)	
Entity type(17) (OT_ENT_TYPE)	has relationship to	has relationship to(194) (CT_HAS_REL_WITH)	Relationship type(11) (OT_RELSHP_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Entity type(17) (OT_ENT_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Generalization type(23) (OT_GNRL_TYPE)	differentiates according to value of	is characteristic for(268) (CT_DIFF)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has relationship to	has relationship to(194) (CT_HAS_REL_WITH)	Relationship type(11) (OT_RELSHP_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Assignment Relationships

Table 13–163 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Cluster/Data model(14) (OT_CLST)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Cluster/Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–163 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Cluster/Data model(14) (OT_CLST)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen design(32) (OT_SCRN_DSGN)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique

13.2.42 Industrial process

Table 13–164 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_ABT_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13-164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Material type(126) (OT_MAT_TYPE)	is partly consumed	partly consumes(275) (CT_IS_PARTLY_CONS_BY)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_REL SHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_ABT_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13-164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique

Table 13-164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–164 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Assignment Relationships

Table 13–165 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.43 Information carrier diagram**Table 13–166 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	encompasses	belongs to(67) (CT_SUBS_1)	Information carrier(27) (OT_INFO_CARR)	Unique

13.2.44 Information flow diagram

Table 13–167 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(52) (CT_IS_ASSIG_3)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique

13.2.45 Input/Output diagram

Table 13–168 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster /Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–168 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

13.2.46 Input/Output diagram (inverse)

Table 13–169 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

13.2.47 IS activation model

Table 13–170 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique

Table 13–170 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	IS function(293) (OT_IS_FUNC)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	IS service(295) (OT_IS_SERVICE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IS function(293) (OT_IS_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IS service(295) (OT_IS_SERVICE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Rule(50) (OT_RULE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–170 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_Tech_TRM)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IS function(293) (OT_IS_FUNC)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IS service(295) (OT_IS_SERVICE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	
Functional cluster(294) (OT_FUNC_CLUSTER)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	IS function(293) (OT_IS_FUNC)	
Functional cluster(294) (OT_FUNC_CLUSTER)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	IS service(295) (OT_IS_SERVICE)	
Functional cluster(294) (OT_FUNC_CLUSTER)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique

Table 13–170 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IS function(293) (OT_IS_FUNC)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
IS function(293) (OT_IS_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IS function(293) (OT_IS_FUNC)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
IS function(293) (OT_IS_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IS function(293) (OT_IS_FUNC)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IS function(293) (OT_IS_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IS function(293) (OT_IS_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IS function(293) (OT_IS_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS function(293) (OT_IS_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
IS function(293) (OT_IS_FUNC)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	
IS function(293) (OT_IS_FUNC)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	IS function(293) (OT_IS_FUNC)	
IS function(293) (OT_IS_FUNC)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	IS service(295) (OT_IS_SERVICE)	
IS function(293) (OT_IS_FUNC)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
IS function(293) (OT_IS_FUNC)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IS function(293) (OT_IS_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IS function(293) (OT_IS_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–170 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IS function(293) (OT_IS_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS function(293) (OT_IS_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS function(293) (OT_IS_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IS service(295) (OT_IS_SERVICE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
IS service(295) (OT_IS_SERVICE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IS service(295) (OT_IS_SERVICE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
IS service(295) (OT_IS_SERVICE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IS service(295) (OT_IS_SERVICE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IS service(295) (OT_IS_SERVICE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IS service(295) (OT_IS_SERVICE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IS function(293) (OT_IS_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS service(295) (OT_IS_SERVICE)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
IS service(295) (OT_IS_SERVICE)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	
IS service(295) (OT_IS_SERVICE)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	IS function(293) (OT_IS_FUNC)	
IS service(295) (OT_IS_SERVICE)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	IS service(295) (OT_IS_SERVICE)	
IS service(295) (OT_IS_SERVICE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
IS service(295) (OT_IS_SERVICE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique

Table 13–170 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IS service(295) (OT_IS_SERVICE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IS service(295) (OT_IS_SERVICE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IS service(295) (OT_IS_SERVICE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS service(295) (OT_IS_SERVICE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique

Table 13–170 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	IS function(293) (OT_IS_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	IS service(295) (OT_IS_SERVICE)	Unique
Rule(50) (OT_RULE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique

13.2.48 IS context model

Table 13–171 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	calls	is called by(455) (CT_CALLS_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	calls	is called by(455) (CT_CALLS_1)	IS function(293) (OT_IS_FUNC)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	calls	is called by(455) (CT_CALLS_1)	IS service(295) (OT_IS_SERVICE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	provides	is provided by(575) (CT_DELIVERS_1)	IS service(295) (OT_IS_SERVICE)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
IS function(293) (OT_IS_FUNC)	calls	is called by(455) (CT_CALLS_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IS function(293) (OT_IS_FUNC)	calls	is called by(455) (CT_CALLS_1)	IS function(293) (OT_IS_FUNC)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IS function(293) (OT_IS_FUNC)	calls	is called by(455) (CT_CALLS_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS function(293) (OT_IS_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IS function(293) (OT_IS_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IS function(293) (OT_IS_FUNC)	provides	is provided by(575) (CT_DELIVERS_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	calls	is called by(455) (CT_CALLS_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IS service(295) (OT_IS_SERVICE)	calls	is called by(455) (CT_CALLS_1)	IS function(293) (OT_IS_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	calls	is called by(455) (CT_CALLS_1)	IS service(295) (OT_IS_SERVICE)	Unique
IS service(295) (OT_IS_SERVICE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IS service(295) (OT_IS_SERVICE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS function(293) (OT_IS_FUNC)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IS service(295) (OT_IS_SERVICE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Relationship type(11) (OT_RELSHIP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Relationship type(11) (OT_RELSHIP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Relationship type(11) (OT_RELSHIP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique

Table 13–171 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_TECN_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Technical term(58) (OT_TECN_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IS function(293) (OT_IS_FUNC)	Unique
Technical term(58) (OT_TECN_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IS service(295) (OT_IS_SERVICE)	Unique

13.2.49 Knowledge map

Table 13–172 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

13.2.50 Knowledge structure diagram

Table 13–173 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Documented knowledge(231) (OT_DOC_KNWLDG)	encompasses	belongs to(449) (CT_INCLUDES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Class(90) (OT_CLS)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Cluster/Data model(14) (OT_CLST)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Entity type(17) (OT_ENT_TYPE)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Information carrier(27) (OT_INFO_CARR)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Object instance(94) (OT_OBJ_INST)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Package(187) (OT_PACK)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is documented in	documents(450) (CT_IS_DOCU_IN)	Technical term(58) (OT_TECH_TRM)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is managed with	manages(451) (CT_IS_ADMIN_WITH)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is managed with	manages(451) (CT_IS_ADMIN_WITH)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	encompasses	belongs to(449) (CT_INCLUDES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	encompasses	belongs to(449) (CT_INCLUDES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is generalization of	is specialization of(479) (CT_GENERAL_2)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

13.2.51 KPI allocation diagram

Table 13–174 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	has output of	is output of(50) (CT_HAS_OUT)	KPI instance(244) (OT_KPI)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	KPI instance(244) (OT_KPI)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	KPI instance(244) (OT_KPI)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	KPI instance(244) (OT_KPI)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	KPI instance(244) (OT_KPI)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	KPI instance(244) (OT_KPI)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Critical factor(108) (OT_CRIT_FACT)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function instance(137) (OT_FUNC_INST)	supports	is supported by(147) (CT_SUPP_3)	Critical factor(108) (OT_CRIT_FACT)	Unique
Function instance(137) (OT_FUNC_INST)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–174 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	KPI instance(244) (OT_KPI)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	KPI instance(244) (OT_KPI)	Unique
KPI instance(244) (OT_KPI)	influences	is influenced by(380) (CT_HAS_RESULT)	KPI instance(244) (OT_KPI)	
KPI instance(244) (OT_KPI)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Entity type(17) (OT_ENT_TYPE)	Unique
KPI instance(244) (OT_KPI)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Objective(86) (OT_OBJECTIVE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Objective(86) (OT_OBJECTIVE)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Group(128) (OT_GRP)	Unique
Objective(86) (OT_OBJECTIVE)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Objective(86) (OT_OBJECTIVE)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Objective(86) (OT_OBJECTIVE)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
Objective(86) (OT_OBJECTIVE)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Objective(86) (OT_OBJECTIVE)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–174 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function instance(137) (OT_FUNC_INST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function instance(137) (OT_FUNC_INST)	Unique

Table 13–174 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function instance(137) (OT_FUNC_INST)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function instance(137) (OT_FUNC_INST)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	KPI instance(244) (OT_KPI)	Unique
Risk(159) (OT_RISK)	is influenced by	has influence on(487) (CT_HAS_INFL)	Function instance(137) (OT_FUNC_INST)	Unique
Risk(159) (OT_RISK)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Risk(159) (OT_RISK)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Group(128) (OT_GRP)	Unique
Risk(159) (OT_RISK)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique

Table 13–174 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Risk(159) (OT_RISK)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Risk(159) (OT_RISK)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
Risk(159) (OT_RISK)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Risk(159) (OT_RISK)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	KPI instance(244) (OT_KPI)	Unique

13.2.52 Material diagram

Table 13–175 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Material class(124) (OT_MAT_CLS)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Material type(126) (OT_MAT_TYPE)	Unique
Material class(124) (OT_MAT_CLS)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Packaging material class(125) (OT_PACK_MAT_CLS)	Unique
Material class(124) (OT_MAT_CLS)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Material class(124) (OT_MAT_CLS)	Unique
Material type(126) (OT_MAT_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Material type(126) (OT_MAT_TYPE)	Unique
Material type(126) (OT_MAT_TYPE)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique
Packaging material class(125) (OT_PACK_MAT_CLS)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique
Packaging material class(125) (OT_PACK_MAT_CLS)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Packaging material class(125) (OT_PACK_MAT_CLS)	Unique
Packaging material type(127) (OT_PACK_MAT_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique

13.2.53 Material flow diagram

Table 13–176 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	sends	is sent from(407) (CT_SENDS_2)	Material flow(83) (OT_MAT_FLW)	Unique
Material flow(83) (OT_MAT_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique

Table 13–176 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique

13.2.54 Network diagram

Table 13–177 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	runs with	is platform for(503) (CT_RUNS_ON)	Hardware component(76) (OT_HW_CMP)	Unique
DBMS(69) (OT_DBMS)	runs with	is platform for(503) (CT_RUNS_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component(76) (OT_HW_CMP)	encompasses	belongs to(239) (CT_SUBS_5)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component(76) (OT_HW_CMP)	is connected to	is connected to(18) (CT_IS_CNN_TO_1)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component(76) (OT_HW_CMP)	is connected to	is connected to(175) (CT_IS_CNN_TO_2)	Network node(79) (OT_NW_NODE)	Unique
Hardware component(76) (OT_HW_CMP)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
Hardware component(76) (OT_HW_CMP)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Network(85) (OT_NW)	belongs to class	encompasses(212) (CT_BELONGS_TO_CLS)	Network class(42) (OT_NW_CLS)	Unique
Network(85) (OT_NW)	encompasses	belongs to(174) (CT_SUBS_4)	Network(85) (OT_NW)	Unique
Network(85) (OT_NW)	is connected to	is connected to(175) (CT_IS_CNN_TO_2)	Network(85) (OT_NW)	Unique
Network(85) (OT_NW)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
Network(85) (OT_NW)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Network type(39) (OT_NW_TYPE)	Unique
Network connection(82) (OT_NW_LINE)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Network(85) (OT_NW)	Unique

Table 13–177 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Network connection(82) (OT_NW_LINE)	consists (hor.) of part of connection	encompasses part of connection(171) (CT_CONS_OF_PRT_STR)	Network connection(82) (OT_NW_LINE)	Unique
Network connection(82) (OT_NW_LINE)	consists (vert.) of section	encompasses section(172) (CT_CONS_OF_PRT_SEC)	Network connection(82) (OT_NW_LINE)	Unique
Network connection(82) (OT_NW_LINE)	encompasses	belongs to(174) (CT_SUBS_4)	Network connection(82) (OT_NW_LINE)	Unique
Network connection(82) (OT_NW_LINE)	ends in	is end of(170) (CT_END_IN)	Network node(79) (OT_NW_NODE)	Unique
Network connection(82) (OT_NW_LINE)	is implemented by	implements(244) (CT_IS_REAL_BY)	Hardware component(76) (OT_HW_CMP)	Unique
Network connection(82) (OT_NW_LINE)	is implemented by	implements(244) (CT_IS_REAL_BY)	Network connection(82) (OT_NW_LINE)	Unique
Network connection(82) (OT_NW_LINE)	is located at	is location of(167) (CT_IS_LOC_AT_3)	Location(54) (OT_LOC)	Unique
Network connection(82) (OT_NW_LINE)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Network connection type(81) (OT_NW_LINE_TYPE)	Unique
Network node(79) (OT_NW_NODE)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Network(85) (OT_NW)	Unique
Network node(79) (OT_NW_NODE)	encompasses	belongs to(239) (CT_SUBS_5)	Network connection(82) (OT_NW_LINE)	Unique
Network node(79) (OT_NW_NODE)	encompasses	belongs to(239) (CT_SUBS_5)	Network node(79) (OT_NW_NODE)	Unique
Network node(79) (OT_NW_NODE)	is connected to	is connected to(175) (CT_IS_CNN_TO_2)	Network node(79) (OT_NW_NODE)	Unique
Network node(79) (OT_NW_NODE)	is implemented by	implements(244) (CT_IS_REAL_BY)	Hardware component(76) (OT_HW_CMP)	Unique
Network node(79) (OT_NW_NODE)	is located at	is location of(14) (CT_IS_LOC_AT_2)	Location(54) (OT_LOC)	Unique
Network node(79) (OT_NW_NODE)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Network node type(40) (OT_NW_NODE_TYPE)	Unique
Operating system(72) (OT_OS)	runs with	is platform for(503) (CT_RUNS_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component(76) (OT_HW_CMP)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Network(85) (OT_NW)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component(76) (OT_HW_CMP)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Network(85) (OT_NW)	
Person type(78) (OT_PERS_TYPE)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component(76) (OT_HW_CMP)	

Table 13–177 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Network(85) (OT_NW)	
Position(45) (OT_POS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component(76) (OT_HW_CMP)	
Position(45) (OT_POS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Network(85) (OT_NW)	

13.2.55 Network topology

Table 13–178 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component class(25) (OT_HW_CMP_CLS)	can be connected to	can be connected to(162) (CT_CAN_BE_CNN_TO_4)	Hardware component class(25) (OT_HW_CMP_CLS)	Unique
Hardware component class(25) (OT_HW_CMP_CLS)	can encompass	can belong to(161) (CT_CAN_SUBS_3)	Hardware component class(25) (OT_HW_CMP_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	belongs to class	encompasses(212) (CT_BELONGS_TO_CLS)	Hardware component class(25) (OT_HW_CMP_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	can be connected to	can be connected to(163) (CT_CAN_BE_LNK_TO)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	can encompass	can belong to(161) (CT_CAN_SUBS_3)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Location(54) (OT_LOC)	can realize	can be realized at(135) (CT_CAN_REAL)	Hardware component class(25) (OT_HW_CMP_CLS)	Unique
Location(54) (OT_LOC)	can realize	can be realized at(135) (CT_CAN_REAL)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Location(54) (OT_LOC)	can realize	can be realized at(135) (CT_CAN_REAL)	Network class(42) (OT_NW_CLS)	Unique
Location(54) (OT_LOC)	can realize	can be realized at(135) (CT_CAN_REAL)	Network connection type(81) (OT_NW_LINE_TYPE)	Unique
Location(54) (OT_LOC)	can realize	can be realized at(135) (CT_CAN_REAL)	Network node type(40) (OT_NW_NODE_TYPE)	Unique
Location(54) (OT_LOC)	can realize	can be realized at(135) (CT_CAN_REAL)	Network type(39) (OT_NW_TYPE)	Unique
Network connection type(81) (OT_NW_LINE_TYPE)	can be realized by	can realize(159) (CT_CAN_BE_REAL_BY)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique

Table 13–178 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Network connection type(81) (OT_NW_LINE_TYPE)	can be realized by	can realize(159) (CT_CAN_BE_REAL_BY)	Network connection type(81) (OT_NW_LINE_TYPE)	Unique
Network connection type(81) (OT_NW_LINE_TYPE)	can consist (hor.) of part of connection	can encompass part of connection(213) (CT_CAN_CONS_HOR_OF)	Network connection type(81) (OT_NW_LINE_TYPE)	Unique
Network connection type(81) (OT_NW_LINE_TYPE)	can consist (vert.) of section	can encompass section(214) (CT_CAN_CONS_VER_OF)	Network connection type(81) (OT_NW_LINE_TYPE)	Unique
Network connection type(81) (OT_NW_LINE_TYPE)	can end in	can be end point of(157) (CT_CAN_END_IN)	Network node type(40) (OT_NW_NODE_TYPE)	Unique
Network connection type(81) (OT_NW_LINE_TYPE)	can occur	can encompass(215) (CT_CAN_OCC_2)	Network type(39) (OT_NW_TYPE)	Unique
Network node type(40) (OT_NW_NODE_TYPE)	can be connected to	can be connected to(160) (CT_CAN_BE_CNN_TO_3)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Network node type(40) (OT_NW_NODE_TYPE)	can be connected to	can be connected to(26) (CT_CAN_BE_CNN_TO_1)	Network node type(40) (OT_NW_NODE_TYPE)	Unique
Network node type(40) (OT_NW_NODE_TYPE)	can be realized by	can realize(159) (CT_CAN_BE_REAL_BY)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Network node type(40) (OT_NW_NODE_TYPE)	can encompass	can belong to(25) (CT_CAN_SUBS_1)	Network node type(40) (OT_NW_NODE_TYPE)	Unique
Network node type(40) (OT_NW_NODE_TYPE)	can occur	can encompass(27) (CT_CAN_OCC_1)	Network class(42) (OT_NW_CLS)	Unique
Network node type(40) (OT_NW_NODE_TYPE)	is used in	uses(216) (CT_IS_USED_IN)	Network type(39) (OT_NW_TYPE)	Unique
Network type(39) (OT_NW_TYPE)	belongs to class	encompasses(212) (CT_BELONGS_TO_CLS)	Network class(42) (OT_NW_CLS)	Unique
Network type(39) (OT_NW_TYPE)	can be connected to	can be connected to(156) (CT_CAN_BE_CNN_TO_2)	Network type(39) (OT_NW_TYPE)	Unique
Network type(39) (OT_NW_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Network type(39) (OT_NW_TYPE)	Unique
Network type(39) (OT_NW_TYPE)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Network type(39) (OT_NW_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person(46) (OT_PERS)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique

Table 13–178 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Position(45) (OT_POS)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Protocol(104) (OT_NW_PROT)	is used in	uses(216) (CT_IS_USED_IN)	Network type(39) (OT_NW_TYPE)	Unique

13.2.56 Objective diagram

Table 13–179 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Critical factor(108) (OT_CRIT_FACT)	is critical factor for	has critical factor(256) (CT_IS_CRIT_FACT_FOR)	Objective(86) (OT_OBJECTIVE)	Unique
Critical factor(108) (OT_CRIT_FACT)	is superior	is subordinate(257) (CT_IS_SUPERIOR_2)	Critical factor(108) (OT_CRIT_FACT)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Product/Service(153) (OT_PERF)	
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Objective(86) (OT_OBJECTIVE)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	Objective(86) (OT_OBJECTIVE)	Unique
Product/Service(153) (OT_PERF)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Function(22) (OT_FUNC)	
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique

13.2.57 Office process

Table 13–180 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDBG_CAT)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHPTYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Knowledge category(230) (OT_KNWLKG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLKG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Material type(126) (OT_MAT_TYPE)	is partly consumed	partly consumes(275) (CT_IS_PARTLY_CONS_BY)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13-180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_ABT_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLGD_CAT)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–180 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Assignment Relationships

Table 13–181 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.58 OMT Class description model**Table 13–182 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	has attribute	is attribute of(187) (CT_HAS_ATTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has operation	is operation of(188) (CT_HAS_OPR)	Operation(93) (OT_OP)	Unique

13.2.59 OMT Dynamic model**Table 13–183 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
State(99) (OT_STATE)	has transition to	has transition from(198) (CT_HAS_TRANS_TO)	Class(90) (OT_CLS)	
State(99) (OT_STATE)	has transition to	has transition from(198) (CT_HAS_TRANS_TO)	State(99) (OT_STATE)	

Assignment Relationships

Table 13–184 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
State(99) (OT_STATE)	is substate	has substate(200) (CT_IS_SUBST)	State(99) (OT_STATE)	Unique

13.2.60 OMT Functional model

Table 13–185 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Actor(97) (OT_ACTOR)	sends	is sent from(407) (CT_SENDS_2)	Data value(98) (OT_DATA_VAL)	Unique
Actor(97) (OT_ACTOR)	sends	receives(205) (CT_SENDS)	Data store(96) (OT_DATA_STORE)	
Connector(102) (OT_CONNECTOR)	splits to	is split by(410) (CT_SPLITS)	Data value(98) (OT_DATA_VAL)	Unique
Data store(96) (OT_DATA_STORE)	sends	is sent from(407) (CT_SENDS_2)	Data value(98) (OT_DATA_VAL)	Unique
Data store(96) (OT_DATA_STORE)	sends	receives(205) (CT_SENDS)	Actor(97) (OT_ACTOR)	
Data value(98) (OT_DATA_VAL)	is composed by	composes(409) (CT_IS_COMPOSED)	Connector(102) (OT_CONNECTOR)	Unique
Data value(98) (OT_DATA_VAL)	is received from	receives(408) (CT_IS_RECEIVED)	Actor(97) (OT_ACTOR)	Unique
Data value(98) (OT_DATA_VAL)	is received from	receives(408) (CT_IS_RECEIVED)	Data store(96) (OT_DATA_STORE)	Unique
Data value(98) (OT_DATA_VAL)	is received from	receives(408) (CT_IS_RECEIVED)	Process(95) (OT_PRCS)	Unique
Process(95) (OT_PRCS)	sends	is sent from(407) (CT_SENDS_2)	Data value(98) (OT_DATA_VAL)	Unique

Assignment Relationships

Table 13–186 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Process(95) (OT_PRCS)	has subprocess	is subprocess of(208) (CT_HAS_SUBPRCS)	Process(95) (OT_PRCS)	Unique

13.2.61 OMT Object model

Table 13–187 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association(87) (OT_ASSOC)	constrains	is constrained(204) (CT_CNSTR)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	has attribute	is attribute of(187) (CT_HAS_ATTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Association(87) (OT_ASSOC)	has operation	is operation of(188) (CT_HAS_OPR)	Operation(93) (OT_OP)	Unique
Association(87) (OT_ASSOC)	is defined by	defines(265) (CT_IS_DEF_BY_2)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	constrains	is constrained(204) (CT_CNSTR)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	is defined by	defines(265) (CT_IS_DEF_BY_2)	Object instance(94) (OT_OBJ_INST)	

Table 13–187 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	aggregates	is aggregated(186) (CT_AGGREG)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	defines an association	is defined by(189) (CT_DEF_AN_ASSOC)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	has attribute	is attribute of(187) (CT_HAS_ATTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has operation	is operation of(188) (CT_HAS_OPR)	Operation(93) (OT_OP)	Unique
Class(90) (OT_CLS)	is subtype of	has subtype(184) (CT_IS_SUB_OF_2)	Sp./gen. operator(89) (OT_SP_GEN_OPR)	Unique
Class(90) (OT_CLS)	is supertype of	has supertype(185) (CT_IS_SUPER_OF_2)	Sp./gen. operator(89) (OT_SP_GEN_OPR)	Unique
Class(90) (OT_CLS)	propagates	is propagated(264) (CT_PROPG_2)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association(87) (OT_ASSOC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
ERM attribute(19) (OT_ERM_ATTR)	propagates	is propagated by(191) (CT_PROPG_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Object instance(94) (OT_OBJ_INST)	is instance of	has instance(193) (CT_IS_INST_OF_1)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	is linked to	is linked to(313) (CT_IS_LNK_TO)	Object instance(94) (OT_OBJ_INST)	Unique
Sp./gen. operator(89) (OT_SP_GEN_OPR)	is discriminator of	is discriminated by(190) (CT_IS_DISC_OF)	ERM attribute(19) (OT_ERM_ATTR)	

13.2.62 Organizational chart

Table 13–188 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	belongs to	has as employee(6) (CT_WRK_IN)	Person type(78) (OT_PERS_TYPE)	Unique
Group(128) (OT_GRP)	cooperates with	cooperates with(296) (CT_COLLAB_WITH)	Group(128) (OT_GRP)	
Group(128) (OT_GRP)	has member	is member of(293) (CT_HAS_MEMB)	Person(46) (OT_PERS)	Unique
Group(128) (OT_GRP)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Group(128) (OT_GRP)	is composed of	is a component of(7) (CT_IS_CRT_BY)	Position(45) (OT_POS)	Unique
Group(128) (OT_GRP)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Group(128) (OT_GRP)	is managed by	manages(292) (CT_MAN)	Person(46) (OT_PERS)	Unique

Table 13–188 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is superior	is subordinate(3) (CT_IS_SUPERIOR_1)	Group(128) (OT_GRP)	Unique
Group(128) (OT_GRP)	performs	is performed by(480) (CT_EXEC_5)	Person type(78) (OT_PERS_TYPE)	Unique
Location(54) (OT_LOC)	encompasses	is located at(150) (CT_SUBS_3)	Location(54) (OT_LOC)	Unique
Location(54) (OT_LOC)	performs	is performed by(480) (CT_EXEC_5)	Person type(78) (OT_PERS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	belongs to	has as employee(6) (CT_WRK_IN)	Person(46) (OT_PERS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	belongs to	has as employee(6) (CT_WRK_IN)	Person type(78) (OT_PERS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is composed of	is a component of(7) (CT_IS_CRT_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is composed of	is a component of(7) (CT_IS_CRT_BY)	Position(45) (OT_POS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Position(45) (OT_POS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is of type	determines type of(4) (CT_IS_OF_TYPE_1)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is assigned to(211) (CT_IS_RESP_2)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is superior	is subordinate(3) (CT_IS_SUPERIOR_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Position(45) (OT_POS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	performs	is performed by(480) (CT_EXEC_5)	Person type(78) (OT_PERS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be constituent	can have as constituent(195) (CT_CAN_BE_CONST)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be disciplinary superior	can have disciplinary superior(197) (CT_CAN_BE_DISC_SUP)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be technical superior	can have technical superior(196) (CT_CAN_BE_TECH_SUP)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	performs	is performed by(480) (CT_EXEC_5)	Person type(78) (OT_PERS_TYPE)	Unique
Person(46) (OT_PERS)	belongs to	has as employee(6) (CT_WRK_IN)	Organizational unit(43) (OT_ORG_UNIT)	Unique

Table 13–188 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Person(46) (OT_PERS)	is of type	determines type of(61) (CT_IS_OF_TYPE_2)	Person type(78) (OT_PERS_TYPE)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Group(128) (OT_GRP)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Location(54) (OT_LOC)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Person(46) (OT_PERS)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Person type(78) (OT_PERS_TYPE)	Unique
Person(46) (OT_PERS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Position(45) (OT_POS)	Unique
Person(46) (OT_PERS)	occupies	is occupied by(210) (CT_OCCUPIES)	Position(45) (OT_POS)	Unique
Person(46) (OT_PERS)	performs	is performed by(480) (CT_EXEC_5)	Person type(78) (OT_PERS_TYPE)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Person(46) (OT_PERS)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
Person type(78) (OT_PERS_TYPE)	belongs to	has as employee(6) (CT_WRK_IN)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Person type(78) (OT_PERS_TYPE)	can belong to	can have as employee(209) (CT_CAN_BELONG_TO)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is composed of	is a component of(7) (CT_IS_CRT_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is generalization of	is specialization of(479) (CT_GENERAL_2)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	occupies	is occupied by(210) (CT_OCCUPIES)	Position(45) (OT_POS)	Unique
Position(45) (OT_POS)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Position(45) (OT_POS)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Position(45) (OT_POS)	Unique
Position(45) (OT_POS)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique

Table 13–188 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is of type	determines type of(4) (CT_IS_OF_TYPE_1)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Group(128) (OT_GRP)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Location(54) (OT_LOC)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Person(46) (OT_PERS)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Person type(78) (OT_PERS_TYPE)	Unique
Position(45) (OT_POS)	is organization manager for	is under organizational responsibility of(395) (CT_IS_ORG_RSPN)	Position(45) (OT_POS)	Unique
Position(45) (OT_POS)	is position of	has position(178) (CT_IS_JOB_OF)	Group(128) (OT_GRP)	Unique
Position(45) (OT_POS)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Position(45) (OT_POS)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Position(45) (OT_POS)	Unique
Position(45) (OT_POS)	performs	is performed by(480) (CT_EXEC_5)	Person type(78) (OT_PERS_TYPE)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Person(46) (OT_PERS)	Unique
Position(45) (OT_POS)	substitutes for	is substituted by(318) (CT_SUBST)	Position(45) (OT_POS)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	depicts	is depicted by(84) (CT_DEPICTS_1)	Position(45) (OT_POS)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	has assigned	is assigned to(328) (CT_HAS_ASSIG_1)	System organizational unit(12) (OT_SYS_ORG_UNIT)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is of type	determines type of(4) (CT_IS_OF_TYPE_1)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique

Table 13–188 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	is assigned 1:1	is assigned 1:1(101) (CT_IS_1_1_ASSIG)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	is assigned 1:n	is assigned n:1(42) (CT_IS_1_N_ASSIG)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	is assigned n:m	is assigned m:n(51) (CT_IS_N_M_ASSIG)	System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	Unique

Assignment Relationships

Table 13–189 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	encompasses	is located at(150) (CT_SUBS_3)	Location(54) (OT_LOC)	Unique
Location(54) (OT_LOC)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Group(128) (OT_GRP)	Unique
Location(54) (OT_LOC)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Location(54) (OT_LOC)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Person type(78) (OT_PERS_TYPE)	Unique
Location(54) (OT_LOC)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Position(45) (OT_POS)	Unique

13.2.63 PCD**Table 13–190 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLGD_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OB)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB1_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13-190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLGDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique

Table 13-190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique

Table 13–190 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Assignment Relationships

Table 13–191 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.64 PCD (material flow)**Table 13–192 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system(64) (OT_APPL_SYS)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system(64) (OT_APPL_SYS)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_Tech_TRM)	Unique
Business object(150) (OT_BUSY_OB)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Business rule(360) (OT_BUSINESS_RULE)	describes	is described by(688) (CT_DESCRIBES)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Complex object type(182) (OT_OBJ_CX)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Complex object type(182) (OT_OBJ_CX)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Complex object type(182) (OT_OBJ_CX)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Complex object type(182) (OT_OBJ_CX)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Component(188) (OT_CMP)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Component(188) (OT_CMP)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cost driver(226) (OT_COST_DRIVER)	influences	is influenced by(571) (CT_INFLUENCES)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
COT attribute(179) (OT_COT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
COT attribute(179) (OT_COT_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
COT attribute(179) (OT_COT_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
Employee variable(151) (OT_EMPL_INST)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Employee variable(151) (OT_EMPL_INST)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is different from	is different from(359) (CT_IS_DIFF)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is disciplinary superior to	has the disciplinary superior(9) (CT_IS_DISC_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Group(128) (OT_GRP)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Location(54) (OT_LOC)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Organizational unit(43) (OT_ORG_UNIT)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person(46) (OT_PERS)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Person type(78) (OT_PERS_TYPE)	
Employee variable(151) (OT_EMPL_INST)	is employee variable	has employee variable(320) (CT_IS_EMPL_INST)	Position(45) (OT_POS)	
Employee variable(151) (OT_EMPL_INST)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	is technical superior to	has the technical superior(8) (CT_IS_TECH_SUPER)	Employee variable(151) (OT_EMPL_INST)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Employee variable(151) (OT_EMPL_INST)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Employee variable(151) (OT_EMPL_INST)	substitutes for	is substituted by(318) (CT_SUBST)	Employee variable(151) (OT_EMPL_INST)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13-192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Entity type(17) (OT_ENT_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	defines screen field	has screen field(295) (CT_DEF_MASK_ENTR)	Screen(31) (OT_SCRN)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Screen(31) (OT_SCRN)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	defines status	is defined(273) (CT_DEF_STATE)	Material type(126) (OT_MAT_TYPE)	Unique
Event(18) (OT_EVT)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Event(18) (OT_EVT)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system(122) (OT_TRNSP_SYS)	Unique
Function(22) (OT_FUNC)	accesses	is accessed by(281) (CT_ACS_4)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	accesses alternatively	is accessed alternatively by(282) (CT_ACS_ALT)	Transport system(122) (OT_TRNSP_SYS)	Unique
Function(22) (OT_FUNC)	accesses alternatively	is accessed alternatively by(282) (CT_ACS_ALT)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	archives	is archived by(225) (CT_ARCH)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	belongs to	is assigned to(120) (CT_BELONGS_TO_4)	Cost category(132) (OT_COST_TYPE)	Unique
Function(22) (OT_FUNC)	calls	is called by(455) (CT_CALLS_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	can create	can be created by(267) (CT_CAN_CRT)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can support	can be supported by(238) (CT_CAN_SUPP_2)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Draft list(30) (OT_LST_DSGN)	Unique
Function(22) (OT_FUNC)	can use	can be used by(243) (CT_CAN_USE_2)	Screen design(32) (OT_SCRN_DSGN)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Class(90) (OT_CLS)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	changes	is changed by(224) (CT_CHNG)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	creates	is created by(66) (CT_CRT_3)	List(29) (OT_LST)	Unique
Function(22) (OT_FUNC)	creates	is created by(57) (CT_CRT_2)	Material type(126) (OT_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	creates	is created by(226) (CT_CRT_5)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	deletes	is deleted by(227) (CT_DEL)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	distributes	is distributed by(228) (CT_DISTR)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	COT attribute(179) (OT_COT_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is represented by	represents(73) (CT_IS_REPR_BY)	Screen(31) (OT_SCRN)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PRODUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Business object(150) (OT_BUSY_OBJ)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	General resource(145) (OT_GNRL_RES)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Item type(247) (OT_ELEM_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Function(22) (OT_FUNC)	reads	is read by(247) (CT_READ_1)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Packaging material type(127) (OT_PACK_MAT_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Function(22) (OT_FUNC)	requires	is required by(279) (CT_REQU)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Function(22) (OT_FUNC)	requires alternatively	is required alternatively(280) (CT_REQU_ALT)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Function(22) (OT_FUNC)	supports	is supported by using(146) (CT_SUPP_2)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	uses	is used by(60) (CT_USE_1)	List(29) (OT_LST)	Unique
Functional cluster(294) (OT_FUNC_CLUSTER)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
General resource(145) (OT_GNRL_RES)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(327) (CT_IS_DEF_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDC_CAT)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Group(128) (OT_GRP)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Cluster/Data model(14) (OT_CLST)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Complex object type(182) (OT_OBJ_CX)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	COT attribute(179) (OT_COT_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Entity type(17) (OT_ENT_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Relationship type(11) (OT_RELSH_P_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	stores	is stored on(126) (CT_STOR)	Technical term(58) (OT_TECH_TRM)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique

Table 13-192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system(64) (OT_APPL_SYS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
IS function(293) (OT_IS_FUNC)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IS service(295) (OT_IS_SERVICE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports when time limit is exceeded	supports when time limit is exceeded (passive)(475) (CT_SUPP_TIME_LIMIT_EXCEED)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Item type(247) (OT_ELEM_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Item type(247) (OT_ELEM_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Item type(247) (OT_ELEM_TYPE)	provides value for	uses value of(319) (CT_PROV_VAL_FOR)	Event(18) (OT_EVT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	relates to	relates to (passive)(476) (CT_RELATES_TO)	Event(18) (OT_EVT)	Unique
KPI instance(244) (OT_KPI)	is measured upon occurrence	triggers measuring(574) (CT_IS_MEASURED_WHEN_OCCURRING)	Event(18) (OT_EVT)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
List(29) (OT_LST)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Material type(126) (OT_MAT_TYPE)	is consumed	consumes(274) (CT_IS_CONS_BY)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Material type(126) (OT_MAT_TYPE)	is not consumed	does not consume(276) (CT_IS_NOT_CONS_BY)	Function(22) (OT_FUNC)	Unique
Material type(126) (OT_MAT_TYPE)	is partly consumed	partly consumes(275) (CT_IS_PARTLY_CONS_BY)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module(65) (OT_MOD)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Operating resource(120) (OT_OP_RES)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource(120) (OT_OP_RES)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is alternative operating resource of	has alternative operating resource(278) (CT_IS_ALT_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is operating resource of	has operating resource(277) (CT_IS_PROD_FAC_OF)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_1_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLKG_CAT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDCAT)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function(107) (OT_DP_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system(64) (OT_APPL_SYS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function(107) (OT_DP_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module(65) (OT_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_Tech_TRM)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Event(18) (OT_EVT)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	is specimen owner of	has specimen owner(272) (CT_IS_SPEC_OWN)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Component(188) (OT_CMP)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Application system(64) (OT_APPL_SYS)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function(107) (OT_DP_FUNC)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is user	is used by(229) (CT_IS_USER_2)	Module(65) (OT_MOD)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Event(18) (OT_EVT)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Information carrier(27) (OT_INFO_CARR)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Position(45) (OT_POS)	uses	is used by(124) (CT_USE_2)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Product/Service(153) (OT_PERF)	is compared to	is compared to(322) (CT_IS_CMP_TO)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	
Relationship type(11) (OT_RELSHP_TYPE)	is managed by	manages(317) (CT_IS_MAN_BY)	Component(188) (OT_CMP)	
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Class(90) (OT_CLS)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Complex object type(182) (OT_OBJ_CX)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Screen(31) (OT_SCRN)	can use	can be used by(125) (CT_CAN_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Screen(31) (OT_SCRN)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
System organizational unit(12) (OT_SYS_ORG_UNIT)	is assigned to	is assigned to(17) (CT_IS_ASSIG_1)	Function(22) (OT_FUNC)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	can be assigned to	can be assigned to(166) (CT_CAN_BE_ASSIG)	Function(22) (OT_FUNC)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_TECH_TRM)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is checked by	checks(223) (CT_IS_CHKCD_BY)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique

Table 13–192 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Application system(64) (OT_APPL_SYS)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	IT function(107) (OT_DP_FUNC)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Module(65) (OT_MOD)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Module type(37) (OT_MOD_TYPE)	Unique

Assignment Relationships

Table 13–193 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique

13.2.65 PPC**Table 13–194 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster instance(138) (OT_CLST_INST)	is approved by	approves(222) (CT_IS_GRANT_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is checked by	checks(223) (CT_IS_CHKD_BY)	Function instance(137) (OT_FUNC_INST)	Unique
Cluster instance(138) (OT_CLST_INST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function instance(137) (OT_FUNC_INST)	Unique
Event instance(143) (OT_EV_INST)	is predecessor of	is successor of(314) (CT_IS_PREDEC_OF_2)	Function instance(137) (OT_FUNC_INST)	Unique
Event instance(143) (OT_EV_INST)	is predecessor of	is successor of(314) (CT_IS_PREDEC_OF_2)	Rule(50) (OT_RULE)	Unique

Table 13–194 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function instance(137) (OT_FUNC_INST)	archives	is archived by(225) (CT_ARCH)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	changes	is changed by(224) (CT_CHNG)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	creates	is created by(226) (CT_CRT_5)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	deletes	is deleted by(227) (CT_DEL)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	distributes	is distributed by(228) (CT_DISTR)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	has output of	is output of(50) (CT_HAS_OUT)	Cluster instance(138) (OT_CLST_INST)	Unique
Function instance(137) (OT_FUNC_INST)	is predecessor of	is successor of(314) (CT_IS_PREDEC_OF_2)	Event instance(143) (OT_EV_INST)	Unique
Function instance(137) (OT_FUNC_INST)	is predecessor of	is successor of(314) (CT_IS_PREDEC_OF_2)	Function instance(137) (OT_FUNC_INST)	Unique
Function instance(137) (OT_FUNC_INST)	is predecessor of	is successor of(314) (CT_IS_PREDEC_OF_2)	Rule(50) (OT_RULE)	Unique
General resource(145) (OT_GNRL_RES)	is defined	can be processed by/with(305) (CT_IS_DEF_1)	Function instance(137) (OT_FUNC_INST)	Unique
Operating resource(120) (OT_OP_RES)	is defined	can be processed by/with(305) (CT_IS_DEF_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person(46) (OT_PERS)	is defined	can be processed by/with(305) (CT_IS_DEF_1)	Function instance(137) (OT_FUNC_INST)	Unique
Person type(78) (OT_PERS_TYPE)	is defined	can be processed by/with(305) (CT_IS_DEF_1)	Function instance(137) (OT_FUNC_INST)	Unique
Rule(50) (OT_RULE)	activates	is activated by(308) (CT_ACTIV_2)	Event instance(143) (OT_EV_INST)	Unique
Rule(50) (OT_RULE)	activates	is activated by(308) (CT_ACTIV_2)	Function instance(137) (OT_FUNC_INST)	Unique
Rule(50) (OT_RULE)	links	is linked by(315) (CT_LNK_3)	Rule(50) (OT_RULE)	Unique

13.2.66 Privileges diagram

Table 13–195 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	is workflow class of	is workflow class of (passive)(472) (CT_IS_WFCLASS_OF)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique

Table 13–195 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	may change privileges	may change privileges (passive)(474) (CT_MAY_CHG_PRIVIL)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	may instantiate	can be instantiated by(350) (CT_IS_ALLOW_TO_ASSIG_INST)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	may search	may search (passive)(473) (CT_MAY_SEARCH)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	may instantiate	can be instantiated by(350) (CT_IS_ALLOW_TO_ASSIG_INST)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–195 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may change privileges	may change privileges (passive)(474) (CT_MAY_CHG_PRIVIL)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may instantiate	can be instantiated by(350) (CT_IS_ALLOW_TO_ASSIG_INST)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may search	may search (passive)(473) (CT_MAY_SEARCH)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is process manager for	is under process responsibility of(394) (CT_IS_PRCS_RSPN)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Technical term(58) (OT_Tech_TRM)	Unique

Table 13–195 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	may change privileges	may change privileges (passive)(474) (CT_MAY_CHG_PRIVIL)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	may instantiate	can be instantiated by(350) (CT_IS_ALLOW_TO_ASSIG_INST)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	may search	may search (passive)(473) (CT_MAY_SEARCH)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Technical term(58) (OT_Tech_TRM)	Unique
Person type(78) (OT_PERS_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–195 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	may change privileges	may change privileges (passive)(474) (CT_MAY_CHG_PRIVIL)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	may instantiate	can be instantiated by(350) (CT_IS_ALLOW_TO_ASSIG_INST)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	may search	may search (passive)(473) (CT_MAY_SEARCH)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is process manager for	is under process responsibility of(394) (CT_IS_PRCRS_RSPN)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Complex object type(182) (OT_OBJ_CX)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	COT attribute(179) (OT_COT_ATTR)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	may access	can be accessed by(351) (CT_MUST_NOT_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	may instantiate	can be instantiated by(350) (CT_IS_ALLOW_TO_ASSIG_INST)	Function(22) (OT_FUNC)	Unique

Table 13–195 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Module type(37) (OT_MOD_TYPE)	Unique

13.2.67 Process instantiation model

Table 13–196 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Instantiation cycle(213) (OT_INST_CYC)	is superior	is subordinate(257) (CT_IS_SUPERIOR_2)	Instantiation cycle(213) (OT_INST_CYC)	Unique
Instantiation cycle(213) (OT_INST_CYC)	repeats	is repeated by(438) (CT_REPEATS)	Instantiation interval(212) (OT_INSTAN_INTERVALL)	Unique
Instantiation plan(214) (OT_INST_PLAN)	contains	is contained in(439) (CT_CONTAINS_1)	Instantiation cycle(213) (OT_INST_CYC)	Unique

13.2.68 Process selection diagram

Table 13–197 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	belongs to	belongs to(369) (CT_BELONGS_TO_8)	Main process(28) (OT_MAIN_PRCS)	Unique
Function(22) (OT_FUNC)	consists of	is component of(30) (CT_CONS_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is superior	is subordinate(3) (CT_IS_SUPERIOR_1)	Function(22) (OT_FUNC)	Unique
Main process(28) (OT_MAIN_PRCS)	is superior	is subordinate(3) (CT_IS_SUPERIOR_1)	Main process(28) (OT_MAIN_PRCS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is assigned to	has assigned(252) (CT_IS_ASSIG_6)	Function(22) (OT_FUNC)	Unique

13.2.69 Process selection matrix

Table 13–198 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	consists of	is component of(30) (CT_CONS_OF_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is assigned to	has assigned(252) (CT_IS_ASSIG_6)	Function(22) (OT_FUNC)	Unique

13.2.70 Product allocation diagram

Table 13–199 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	is basis for	has basis(520) (CT_BASIS_FOR)	Product/Service(153) (OT_PERF)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Product/Service(153) (OT_PERF)	Unique
Cluster/Data model(14) (OT_CLST)	is basis for	has basis(520) (CT_BASIS_FOR)	Product/Service(153) (OT_PERF)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Product/Service(153) (OT_PERF)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Product/Service(153) (OT_PERF)	Unique
Entity type(17) (OT_ENT_TYPE)	is basis for	has basis(520) (CT_BASIS_FOR)	Product/Service(153) (OT_PERF)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Information carrier(27) (OT_INFO_CARR)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Information carrier(27) (OT_INFO_CARR)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Information carrier(27) (OT_INFO_CARR)	is input for	has input of(49) (CT_IS_INP_FOR)	Product/Service(153) (OT_PERF)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Product/Service(153) (OT_PERF)	Unique
Marketing instrument(268) (OT_MARKET_INST)	is used for	uses(522) (CT_IS_USED_FOR)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Product/Service(153) (OT_PERF)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Product/Service(153) (OT_PERF)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Product/Service(153) (OT_PERF)	has output of	is output of(50) (CT_HAS_OUT)	Information carrier(27) (OT_INFO_CARR)	Unique
Product/Service(153) (OT_PERF)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Product/Service(153) (OT_PERF)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Product/Service(153) (OT_PERF)	has product/service characteristic	is product/service characteristic of(340) (CT_HAS_PERF_CHARAC)	Product/Service characteristic(157) (OT_PERF_CHARACT)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Group(128) (OT_GRP)	Unique

Table 13-199 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is demanded by	demands(519) (CT_DEMANDED_BY)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is demanded by	demands(519) (CT_DEMANDED_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is demanded by	demands(519) (CT_DEMANDED_BY)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is demanded by	demands(519) (CT_DEMANDED_BY)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is demanded by	demands(519) (CT_DEMANDED_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is demanded by	demands(519) (CT_DEMANDED_BY)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is offered via	offers(523) (CT_IS_OFFERED)	Distribution channel(269) (OT_SALES_CHAN)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique

Table 13–199 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	satisfies	is satisfied by(521) (CT_SUPPLY)	Need(267) (OT_WANT)	Unique
Product/Service(153) (OT_PERF)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is basis for	has basis(520) (CT_BASIS_FOR)	Product/Service(153) (OT_PERF)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Product/Service(153) (OT_PERF)	Unique
Technical term(58) (OT_TECH_TRM)	is basis for	has basis(520) (CT_BASIS_FOR)	Product/Service(153) (OT_PERF)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Product/Service(153) (OT_PERF)	Unique
Technical term(58) (OT_TECH_TRM)	is order basis for	has order basis(413) (CT_IS_ORDER)	Product/Service(153) (OT_PERF)	Unique

13.2.71 Product selection matrix

Table 13–200 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	is generalization of	is specialization of(479) (CT_GENERAL_2)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is required for	requires(630) (CT_IS_NEEDED_BY_1)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Product/Service(153) (OT_PERF)	

13.2.72 Product tree

Table 13–201 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	consists of	is component of(30) (CT_CONS_OF_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	encompasses	belongs to(67) (CT_SUBS_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	has relation with	has relation with(504) (CT_IS_IN_RELSP_TO_1)	Product/Service(153) (OT_PERF)	

13.2.73 Product/Service exchange diagram

Table 13–202 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Material type(126) (OT_MAT_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique

Table 13–202 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Packaging material type(127) (OT_PACK_MAT_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person(46) (OT_PERS)	Unique

Table 13–202 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique

Table 13–202 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person type(78) (OT_PERS_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique

Assignment Relationships

Table 13–203 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	encompasses	belongs to(67) (CT_SUBS_1)	Product/Service(153) (OT_PERF)	Unique

13.2.74 Product/Service exchange diagram (graphic)**Table 13–204 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Event(18) (OT_EVT)	corresponds to	corresponds to(391) (CT_CORRES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique

Table 13–204 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Material type(126) (OT_MAT_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Packaging material type(127) (OT_PACK_MAT_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_INP_FOR)	Function(22) (OT_FUNC)	Unique

Table 13–204 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique

Table 13–204 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person type(78) (OT_PERS_TYPE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique

Assignment Relationships

Table 13–205 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	encompasses	belongs to(67) (CT_SUBS_1)	Product/Service(153) (OT_PERF)	Unique

13.2.75 Product/Service tree

Table 13–206 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Packaging material type(127) (OT_PACK_MAT_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	can replace	can be replaced by(411) (CT_CAN_REPLACE)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	consists of	is component of(30) (CT_CONS_OF_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	encompasses	belongs to(67) (CT_SUBS_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	has relation with	has relation with(504) (CT_IS_IN_RELSHP_TO_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Location(54) (OT_LOC)	Unique

Table 13–206 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Group(128) (OT_GRP)	Unique

Table 13–206 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique

13.2.76 Product/Service tree (graphic)

Table 13–207 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Group(128) (OT_GRP)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Location(54) (OT_LOC)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit(43) (OT_ORG_UNIT)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Packaging material type(127) (OT_PACK_MAT_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person(46) (OT_PERS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Person type(78) (OT_PERS_TYPE)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Position(45) (OT_POS)	provides	is provided by(399) (CT_PROVIDES)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	can replace	can be replaced by(411) (CT_CAN_REPLACE)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	consists of	is component of(30) (CT_CONS_OF_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	encompasses	belongs to(67) (CT_SUBS_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	has relation with	has relation with(504) (CT_IS_IN_RELSHP_TO_1)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Location(54) (OT_LOC)	Unique

Table 13–207 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is created with help from	helps with the creation of(464) (CT_HELPS_TO_SET_WITH)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is received from	is a receiver of(465) (CT_IS_RECEIVED_BY)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under financial responsibility of	is financially responsible for(463) (CT_IS_FINANC_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Group(128) (OT_GRP)	Unique

Table 13–207 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is under technical responsibility of	is technically responsible for(462) (CT_IS_TECH_RESPON)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(400) (CT_IS_USED_OF)	Position(45) (OT_POS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Group(128) (OT_GRP)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Location(54) (OT_LOC)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Organizational unit type(44) (OT_ORG_UNIT_TYPE)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person(46) (OT_PERS)	Unique
Product/Service(153) (OT_PERF)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Person type(78) (OT_PERS_TYPE)	Unique
Product/Service(153) (OT_PERF)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	is	is(414) (CT_IS)	Product/Service(153) (OT_PERF)	Unique

13.2.77 Program flow chart

Table 13–208 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system class(7) (OT_APPL_SYS_CLS)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_Tech_TRM)	Unique
Application system class(7) (OT_APPL_SYS_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	calls	is called by(455) (CT_CALLS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	calls	is called by(455) (CT_CALLS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	calls	is called by(455) (CT_CALLS_1)	Socket(296) (OT_SOCKET)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(454) (CT_CREATES)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(454) (CT_CREATES)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Socket(296) (OT_SOCKET)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Table(55) (OT_TBL)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Module type(37) (OT_MOD_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is used as	uses(679) (CT_IS_USED_AS)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	provides input for	receives input from(582) (CT_PROV_INP_FOR_1)	Application system type(6) (OT_APPL_SYS_TYPE)	
Application system type(6) (OT_APPL_SYS_TYPE)	reads	is read by(247) (CT_READ_1)	Documented knowledge(231) (OT_DOC_KNWLDG)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	reads	is read by(247) (CT_READ_1)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	transmits data to	receives data from(502) (CT_SENDS_3)	Application system type(6) (OT_APPL_SYS_TYPE)	
Application system type(6) (OT_APPL_SYS_TYPE)	transmits data to	receives data from(502) (CT_SENDS_3)	Class(90) (OT_CLS)	
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Information carrier(27) (OT_INFO_CARR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Protocol(104) (OT_NW_PROT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_Tech_TRM)	Unique
Attribute(8) (OT_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Attribute(8) (OT_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Attribute(8) (OT_ATTR)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Attribute(8) (OT_ATTR)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
Attribute(8) (OT_ATTR)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Class(90) (OT_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Class(90) (OT_CLS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Class(90) (OT_CLS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Class(90) (OT_CLS)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Class(90) (OT_CLS)	transmits data to	receives data from(502) (CT_SENDS_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Class(90) (OT_CLS)	uses	is used(478) (CT_USES_2)	Module type(37) (OT_MOD_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13-208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Cluster/Data model(14) (OT_CLST)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
DBMS type(15) (OT_DBMS_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Documented knowledge(231) (OT_DOC_KNWLDG)	is required for	requires(453) (CT_IS_NEEDED_BY)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Employee variable(151) (OT_EMPL_INST)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Employee variable(151) (OT_EMPL_INST)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Entity type(17) (OT_ENT_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
ERM attribute(19) (OT_ERM_ATTR)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Socket(296) (OT_SOCKET)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	must not occur for	has condition (false)(128) (CT_MUST_NOT_OCC_WHEN)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	must occur for	has condition (true)(127) (CT_MUST_OCC_FOR)	Rule(50) (OT_RULE)	Unique
Field(21) (OT_FLD)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Field(21) (OT_FLD)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Graphical user interface type(9) (OT_GRP_UI_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Group(128) (OT_GRP)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Group(128) (OT_GRP)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(179) (CT_IS_RESP_FOR_DEV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(11) (CT_IS_TECH_RESP_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Group(128) (OT_GRP)	is user	is used by(229) (CT_IS_USER_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Group(128) (OT_GRP)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Group(128) (OT_GRP)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13-208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component(76) (OT_HW_CMP)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Hardware component(76) (OT_HW_CMP)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	is platform of	runs under(70) (CT_IS_PLTFRM_OF)	Class(90) (OT_CLS)	Unique
Information carrier(27) (OT_INFO_CARR)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Class(90) (OT_CLS)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Information carrier(27) (OT_INFO_CARR)	provides input for	gets input from(53) (CT_PROV_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Information flow(26) (OT_INFO_FLW)	is received from	receives(408) (CT_IS_RECEIVED)	Module type(37) (OT_MOD_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function(107) (OT_DP_FUNC)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IT function class(106) (OT_DP_FUNC_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	calls	is called by(455) (CT_CALLS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	calls	is called by(455) (CT_CALLS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	calls	is called by(455) (CT_CALLS_1)	Socket(296) (OT_SOCKET)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates	is created by(44) (CT_CRT_1)	List(29) (OT_LST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
IT function type(105) (OT_DP_FUNC_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Module type(37) (OT_MOD_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(147) (CT_SUPP_3)	Function(22) (OT_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Location(54) (OT_LOC)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Location(54) (OT_LOC)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Location(54) (OT_LOC)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Location(54) (OT_LOC)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Location(54) (OT_LOC)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Module class(38) (OT_MOD_CLS)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module class(38) (OT_MOD_CLS)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Module type(37) (OT_MOD_TYPE)	can be located at	can be location of(165) (CT_CAN_BE_LOC_AT)	Location(54) (OT_LOC)	Unique
Module type(37) (OT_MOD_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Module type(37) (OT_MOD_TYPE)	creates	is created by(69) (CT_CRT_4)	List(29) (OT_LST)	Unique
Module type(37) (OT_MOD_TYPE)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Module type(37) (OT_MOD_TYPE)	encompasses	belongs to(239) (CT_SUBS_5)	Screen(31) (OT_SCRN)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Attribute(8) (OT_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Field(21) (OT_FLD)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relation(51) (OT_REL)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View(57) (OT_VIEW)	Unique
Module type(37) (OT_MOD_TYPE)	has output of	is output of(50) (CT_HAS_OUT)	View (physical)(75) (OT_VIEW_PHYS)	Unique
Module type(37) (OT_MOD_TYPE)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Module type(37) (OT_MOD_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Module type(37) (OT_MOD_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Module type(37) (OT_MOD_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Module type(37) (OT_MOD_TYPE)	sends	is sent from(407) (CT_SENDS_2)	Information flow(26) (OT_INFO_FLW)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Module type(37) (OT_MOD_TYPE)	supports	is supported by using(146) (CT_SUPP_2)	Objective(86) (OT_OBJECTIVE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Class(90) (OT_CLS)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Cluster/Data model(14) (OT_CLST)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Module type(37) (OT_MOD_TYPE)	uses	is used by(60) (CT_USE_1)	Technical term(58) (OT_TECH_TRM)	Unique
Operating system(72) (OT_OS)	runs with	is platform for(503) (CT_RUNS_ON)	Hardware component(76) (OT_HW_CMP)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can be platform of	can run under(241) (CT_CAN_BE_PLTFRM_OF)	Module type(37) (OT_MOD_TYPE)	Unique
Operating system type(10) (OT_OS_TYPE)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module class(38) (OT_MOD_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Application system type(6) (OT_APPL_SYS_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	DBMS type(15) (OT_DBMS_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Information carrier(27) (OT_INFO_CARR)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating system type(10) (OT_OS_TYPE)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Programming language(70) (OT_PRG_LNG)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Protocol(104) (OT_NW_PROT)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical term(58) (OT_TECH_TRM)	

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module class(38) (OT_MOD_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module class(38) (OT_MOD_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	uses	is used by(137) (CT_USE_3)	Programming language(70) (OT_PRG_LNG)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Attribute(8) (OT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relation(51) (OT_REL)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	View(57) (OT_VIEW)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Attribute(8) (OT_ATTR)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Relation(51) (OT_REL)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	View(57) (OT_VIEW)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Person(46) (OT_PERS)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module class(38) (OT_MOD_CLS)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Application system type(6) (OT_APPL_SYS_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	DBMS type(15) (OT_DBMS_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Information carrier(27) (OT_INFO_CARR)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating system type(10) (OT_OS_TYPE)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Programming language(70) (OT_PRG_LNG)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Protocol(104) (OT_NW_PROT)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical term(58) (OT_TECH_TRM)	
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module class(38) (OT_MOD_CLS)	Unique
Person(46) (OT_PERS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module class(38) (OT_MOD_CLS)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person(46) (OT_PERS)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Person(46) (OT_PERS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	uses	is used by(137) (CT_USE_3)	Programming language(70) (OT_PRG_LNG)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Attribute(8) (OT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relation(51) (OT_REL)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Relationship type(11) (OT_RELSHIP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	accesses	is accessed by(234) (CT_CAN_ACS)	View(57) (OT_VIEW)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Attribute(8) (OT_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	Relation(51) (OT_REL)	Unique
Person type(78) (OT_PERS_TYPE)	can be responsible for	can be under responsibility of(217) (CT_CAN_BE_RESP_FOR)	View(57) (OT_VIEW)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Person type(78) (OT_PERS_TYPE)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Person type(78) (OT_PERS_TYPE)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute(8) (OT_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relation(51) (OT_REL)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	Technical term(58) (OT_TECH_TRM)	Unique
Position(45) (OT_POS)	accesses	is accessed by(102) (CT_ACS_2)	View(57) (OT_VIEW)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module class(38) (OT_MOD_CLS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	can be user	can be used by(230) (CT_CAN_BE_USER)	Operating system type(10) (OT_OS_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Cluster/Data model(14) (OT_CLST)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Entity type(17) (OT_ENT_TYPE)	Unique
Position(45) (OT_POS)	is owner of	has owner(271) (CT_IS_OWN)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module class(38) (OT_MOD_CLS)	Unique
Position(45) (OT_POS)	is responsible for development of	development is under responsibility of(231) (CT_IS_RESP_FOR_DEV_2)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Class(90) (OT_CLS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	DBMS type(15) (OT_DBMS_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module class(38) (OT_MOD_CLS)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Module type(37) (OT_MOD_TYPE)	Unique
Position(45) (OT_POS)	is user	has user(149) (CT_IS_USER_1)	Operating system(72) (OT_OS)	Unique
Position(45) (OT_POS)	may carry out	may be carried out by(401) (CT_CAN_EXEC)	Class(90) (OT_CLS)	Unique
Position(45) (OT_POS)	may not carry out	may not be carried out by(402) (CT_CANNOT_EXEC)	Class(90) (OT_CLS)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Programming language(70) (OT_PRG_LNG)	is programming language of	is developed with(240) (CT_IS_PRG_LNG)	Module type(37) (OT_MOD_TYPE)	Unique
Relation(51) (OT_REL)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Relation(51) (OT_REL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Relation(51) (OT_REL)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Relation(51) (OT_REL)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Relation(51) (OT_REL)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Relationship type(11) (OT_RELSHP_TYPE)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module class(38) (OT_MOD_CLS)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Module type(37) (OT_MOD_TYPE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Module type(37) (OT_MOD_TYPE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Socket(296) (OT_SOCKET)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Socket(296) (OT_SOCKET)	calls	is called by(455) (CT_CALLS_1)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Socket(296) (OT_SOCKET)	calls	is called by(455) (CT_CALLS_1)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Socket(296) (OT_SOCKET)	can run on	can be platform for(158) (CT_CAN_RUN_ON)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Socket(296) (OT_SOCKET)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Socket(296) (OT_SOCKET)	creates output to	is output medium for(28) (CT_CRT_OUT_TO)	Information carrier(27) (OT_INFO_CARR)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Table(55) (OT_TBL)	Unique
Socket(296) (OT_SOCKET)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_Tech_TRM)	Unique
Socket(296) (OT_SOCKET)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	Functional cluster(294) (OT_FUNC_CLUSTER)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS function(293) (OT_IS_FUNC)	Unique
Socket(296) (OT_SOCKET)	supports	is supported by(221) (CT_CAN_SUPP_1)	IS service(295) (OT_IS_SERVICE)	Unique
Table(55) (OT_TBL)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Table(55) (OT_TBL)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Technical term(58) (OT_Tech_TRM)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
Technical term(58) (OT_Tech_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
Technical term(58) (OT_Tech_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique

Table 13–208 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Class(90) (OT_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Socket(296) (OT_SOCKET)	Unique
Technical term(58) (OT_TECH_TRM)	lies on	has information about(86) (CT_LIES_ON)	Information carrier(27) (OT_INFO_CARR)	Unique
View(57) (OT_VIEW)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system class(7) (OT_APPL_SYS_CLS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function class(106) (OT_DP_FUNC_CLS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Module class(38) (OT_MOD_CLS)	Unique
View(57) (OT_VIEW)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique
View(57) (OT_VIEW)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Organizational unit(43) (OT_ORG_UNIT)	Unique
View(57) (OT_VIEW)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Person(46) (OT_PERS)	Unique
View(57) (OT_VIEW)	is under responsibility of	is responsible for(100) (CT_IS_UNDER_RESP_OF)	Position(45) (OT_POS)	Unique
View (physical)(75) (OT_VIEW_PHYS)	has state	is state of(75) (CT_HAS_STATE)	Event(18) (OT_EVT)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
View (physical)(75) (OT_VIEW_PHYS)	is input for	has input of(49) (CT_IS_INP_FOR)	Module type(37) (OT_MOD_TYPE)	Unique

13.2.78 Program flow chart (PF)

Table 13–209 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Event(18) (OT_EVT)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Function(22) (OT_FUNC)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Loop start(241) (OT_LOOP_START)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Loop start(241) (OT_LOOP_START)	Unique
Rule(50) (OT_RULE)	occurs before	occurs after(477) (CT_SUCCEED)	Rule(50) (OT_RULE)	Unique

13.2.79 Quick model

Table 13–210 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Quick object(246) (OT_CASUALOBJ)	has relation with	has relation with(504) (CT_IS_IN_RELSHIP_TO_1)	Quick object(246) (OT_CASUALOBJ)	

13.2.80 RAD

Table 13–211 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	can be user	can be used by(230) (CT_CAN_BE_USER)	Screen(31) (OT_SCRN)	Unique

13.2.81 RAMS

Table 13–212 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Entity type(17) (OT_ENT_TYPE)	is input for	has input of(49) (CT_IS_INP_FOR)	Main process(28) (OT_MAIN_PRCS)	Unique
Function(22) (OT_FUNC)	consists of	is component of(30) (CT_CONS_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Main process(28) (OT_MAIN_PRCS)	has output of	is output of(50) (CT_HAS_OUT)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accesses	is accessed by(102) (CT_ACS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is assigned to	has assigned(252) (CT_IS_ASSIG_6)	Function(22) (OT_FUNC)	Unique

13.2.82 Relations diagram

Table 13–213 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute(8) (OT_ATTR)	depicts	is depicted by(84) (CT_DEPICTS_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Attribute(8) (OT_ATTR)	depicts	is depicted by(113) (CT_DEPICTS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Attribute(8) (OT_ATTR)	has	is assigned to(121) (CT_HAS_2)	Domain(16) (OT_DOM)	Unique
Attribute(8) (OT_ATTR)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relation(51) (OT_REL)	Unique
Attribute(8) (OT_ATTR)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relation(51) (OT_REL)	Unique
Attribute(8) (OT_ATTR)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relation(51) (OT_REL)	Unique
Domain(16) (OT_DOM)	depicts	is depicted by(84) (CT_DEPICTS_1)	ERM domain(20) (OT_ERM_DOM)	Unique
Relation(51) (OT_REL)	depicts	is depicted by(113) (CT_DEPICTS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Relation(51) (OT_REL)	depicts	is depicted by(113) (CT_DEPICTS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Relation(51) (OT_REL)	is describing for	is described by(78) (CT_IS_DESC_FOR_1)	Relation(51) (OT_REL)	Unique
Relation(51) (OT_REL)	is foreign key for	has foreign key(79) (CT_IS_FRGN_KEY_FOR_1)	Relation(51) (OT_REL)	Unique
Relation(51) (OT_REL)	is primary key for	has primary key(80) (CT_IS_PRIM_KEY_FOR_1)	Relation(51) (OT_REL)	Unique

Table 13–213 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
View(57) (OT_VIEW)	belongs to	encompasses(87) (CT_BELONGS_TO_1)	View(57) (OT_VIEW)	Unique
View(57) (OT_VIEW)	belongs to	has(91) (CT_BELONGS_TO_2)	Relation(51) (OT_REL)	Unique
View(57) (OT_VIEW)	depicts	is depicted by(113) (CT_DEPICTS_2)	Cluster/Data model(14) (OT_CLST)	Unique

13.2.83 Risk diagram

Table 13–214 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Risk(159) (OT_RISK)	is generalization of	is specialization of(479) (CT_GENERAL_2)	Risk(159) (OT_RISK)	Unique
Risk category(256) (OT_RISK_CATEGORY)	contains	belongs to(431) (CT_BELONG_CAT)	Risk category(256) (OT_RISK_CATEGORY)	Unique
Risk category(256) (OT_RISK_CATEGORY)	encompasses	belongs to(67) (CT_SUBS_1)	Risk(159) (OT_RISK)	Unique

13.2.84 Role diagram

Table 13–215 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Authorization condition(242) (OT_AUTH_CON)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Authorization condition(242) (OT_AUTH_CON)	relates to	has(177) (CT_REL_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Function(22) (OT_FUNC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Function(22) (OT_FUNC)	is carried out at	is performed in(258) (CT_IS_EXEC_AT)	Location(54) (OT_LOC)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–215 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Group(128) (OT_GRP)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Knowledge category(230) (OT_KNWLDG_CAT)	is required for	requires(453) (CT_IS_NEEDED_BY)	Function(22) (OT_FUNC)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Location(54) (OT_LOC)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

Table 13–215 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit(43) (OT_ORG_UNIT)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique

Table 13–215 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person(46) (OT_PERS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is in conflict with	is in conflict with(481) (CT_CONFLICTS)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique

Table 13–215 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_T_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_INFO_AB_T_RES_OF)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Person type(78) (OT_PERS_TYPE)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	disposes of	is available at(452) (CT_IS_AVAILABLE)	Knowledge category(230) (OT_KNWL DG_CAT)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	

Table 13–215 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_ABT_RES)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Authorization condition(242) (OT_AUTH_CON)	Unique
Position(45) (OT_POS)	requires	is required by(279) (CT_REQU)	Knowledge category(230) (OT_KNWLDG_CAT)	Unique

13.2.85 Rule diagram

Table 13–216 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	is evaluated by	evaluates(48) (CT_IS_EVAL_BY_1)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	must not occur for	has condition (false)(128) (CT_MUST_NOT_OCC_WHN)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	must occur for	has condition (true)(127) (CT_MUST_OCC_FOR)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	creates	is created by(44) (CT_CRT_1)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	has subordinate rule	is subordinate rule of(45) (CT_HAS_SUBO_RULE)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	leads to	is dependent on(117) (CT_LEADS_TO_2)	Event(18) (OT_EVT)	Unique
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique

13.2.86 Screen design

Table 13–217 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Bitmap(167) (OT_BITM)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Bitmap(167) (OT_BITM)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Bitmap(167) (OT_BITM)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Button(263) (OT_BUTTON)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Button(263) (OT_BUTTON)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique

Table 13-217 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Button(263) (OT_BUTTON)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Combo box(259) (OT_COMBOBOX)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique

Table 13–217 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT PARA)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
List control(262) (OT_LISTCTRL)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT PARA)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique

Table 13–217 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Spin box(260) (OT_SPINBOX)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique

Table 13–217 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Text(168) (OT_TXT)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Text box(257) (OT_TEXTBOX)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Business object(150) (OT_BUSY_OBJ)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Class(90) (OT_CLS)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Cluster/Data model(14) (OT_CLST)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Entity type(17) (OT_ENT_TYPE)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Function(22) (OT_FUNC)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	IT function type(105) (OT_DP_FUNC_TYPE)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Item type(247) (OT_ELEM_TYPE)	Unique

Table 13–217 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Package(187) (OT_PACK)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Tree control(261) (OT_TREECTRL)	represents	is represented in(371) (CT_REPR)	Technical term(58) (OT_TECH_TRM)	Unique

13.2.87 Screen diagram

Table 13–218 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Column(166) (OT_COL)	is divided into	divides(370) (CT_IS_STRCR_IN)	Screen table(183) (OT_SCRN_TBL)	Unique
Column(166) (OT_COL)	is divided into	divides(370) (CT_IS_STRCR_IN)	Section(165) (OT_SECT)	Unique
Column(166) (OT_COL)	is oriented at	is oriented at(374) (CT_ORIENT)	Column(166) (OT_COL)	Unique
Column(166) (OT_COL)	represents	is represented in(371) (CT_REPR)	Bitmap(167) (OT_BITM)	Unique
Column(166) (OT_COL)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Column(166) (OT_COL)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Column(166) (OT_COL)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Column(166) (OT_COL)	represents	is represented in(371) (CT_REPR)	Separator(169) (OT_SEPRT)	Unique
Column(166) (OT_COL)	represents	is represented in(371) (CT_REPR)	Text(168) (OT_TXT)	Unique
Complex object type(182) (OT_OBJ_CX)	is represented in	represents(389) (CT_IS_REPRESEN)	Screen(31) (OT_SCRN)	Unique
Entity type(17) (OT_ENT_TYPE)	is represented in	represents(389) (CT_IS_REPRESEN)	Screen(31) (OT_SCRN)	Unique
IT function type(105) (OT_DP_FUNC_TYPE)	is represented in	represents(389) (CT_IS_REPRESEN)	Screen(31) (OT_SCRN)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Bitmap(167) (OT_BITM)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Column(166) (OT_COL)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	COT attribute(179) (OT_COT_ATTR)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Page(164) (OT_PAGE)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Parameter(184) (OT_PARA)	Unique

Table 13–218 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Screen(31) (OT_SCRN)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Screen table(183) (OT_SCRN_TBL)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Section(165) (OT_SECT)	Unique
Layout(170) (OT_PRES)	designs	is designed by(372) (CT_IS_REPR_BY_2)	Text(168) (OT_TXT)	Unique
Page(164) (OT_PAGE)	is divided into	divides(370) (CT_IS_STRCR_IN)	Column(166) (OT_COL)	Unique
Page(164) (OT_PAGE)	is divided into	divides(370) (CT_IS_STRCR_IN)	Screen table(183) (OT_SCRN_TBL)	Unique
Page(164) (OT_PAGE)	is divided into	divides(370) (CT_IS_STRCR_IN)	Section(165) (OT_SECT)	Unique
Page(164) (OT_PAGE)	represents	is represented in(371) (CT_REPR)	Bitmap(167) (OT_BITM)	Unique
Page(164) (OT_PAGE)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Page(164) (OT_PAGE)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Page(164) (OT_PAGE)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Page(164) (OT_PAGE)	represents	is represented in(371) (CT_REPR)	Separator(169) (OT_SEPRT)	Unique
Page(164) (OT_PAGE)	represents	is represented in(371) (CT_REPR)	Text(168) (OT_TXT)	Unique
Screen(31) (OT_SCRN)	is divided into	divides(370) (CT_IS_STRCR_IN)	Column(166) (OT_COL)	Unique
Screen(31) (OT_SCRN)	is divided into	divides(370) (CT_IS_STRCR_IN)	Page(164) (OT_PAGE)	Unique
Screen(31) (OT_SCRN)	is divided into	divides(370) (CT_IS_STRCR_IN)	Screen table(183) (OT_SCRN_TBL)	Unique
Screen(31) (OT_SCRN)	is divided into	divides(370) (CT_IS_STRCR_IN)	Section(165) (OT_SECT)	Unique
Screen(31) (OT_SCRN)	represents	is represented in(371) (CT_REPR)	Bitmap(167) (OT_BITM)	Unique
Screen(31) (OT_SCRN)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen(31) (OT_SCRN)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Screen(31) (OT_SCRN)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Screen(31) (OT_SCRN)	represents	is represented in(371) (CT_REPR)	Separator(169) (OT_SEPRT)	Unique
Screen(31) (OT_SCRN)	represents	is represented in(371) (CT_REPR)	Text(168) (OT_TXT)	Unique
Screen table(183) (OT_SCRN_TBL)	is divided into	divides(370) (CT_IS_STRCR_IN)	Column(166) (OT_COL)	Unique
Screen table(183) (OT_SCRN_TBL)	is divided into	divides(370) (CT_IS_STRCR_IN)	Page(164) (OT_PAGE)	Unique
Screen table(183) (OT_SCRN_TBL)	is divided into	divides(370) (CT_IS_STRCR_IN)	Section(165) (OT_SECT)	Unique

Table 13–218 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Screen table(183) (OT_SCRN_TBL)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Screen table(183) (OT_SCRN_TBL)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Section(165) (OT_SECT)	is divided into	divides(370) (CT_IS_STRCR_IN)	Column(166) (OT_COL)	Unique
Section(165) (OT_SECT)	is divided into	divides(370) (CT_IS_STRCR_IN)	Screen table(183) (OT_SCRN_TBL)	Unique
Section(165) (OT_SECT)	is oriented at	is oriented at(374) (CT_ORIENT)	Section(165) (OT_SECT)	Unique
Section(165) (OT_SECT)	represents	is represented in(371) (CT_REPR)	Bitmap(167) (OT_BITM)	Unique
Section(165) (OT_SECT)	represents	is represented in(371) (CT_REPR)	COT attribute(179) (OT_COT_ATTR)	Unique
Section(165) (OT_SECT)	represents	is represented in(371) (CT_REPR)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Section(165) (OT_SECT)	represents	is represented in(371) (CT_REPR)	Parameter(184) (OT_PARA)	Unique
Section(165) (OT_SECT)	represents	is represented in(371) (CT_REPR)	Separator(169) (OT_SEPRT)	Unique
Section(165) (OT_SECT)	represents	is represented in(371) (CT_REPR)	Text(168) (OT_TXT)	Unique

Assignment Relationships

Table 13–219 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Entity type(17) (OT_ENT_TYPE)	is represented in	represents(389) (CT_IS_REPRESEN)	Screen(31) (OT_SCRN)	Unique

13.2.88 Screen navigation**Table 13–220 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Bitmap(167) (OT_BITM)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Bitmap(167) (OT_BITM)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Button(263) (OT_BUTTON)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Button(263) (OT_BUTTON)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Combo box(259) (OT_COMBOBOX)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Combo box(259) (OT_COMBOBOX)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Event(18) (OT_EVT)	activates	is activated by(516) (CT_AVTIV_4)	Screen(31) (OT_SCRN)	Unique

Table 13–220 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Event(18) (OT_EVT)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
List control(262) (OT_LISTCTRL)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
List control(262) (OT_LISTCTRL)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Radio button/Check box(258) (OT_OPT_CTRL)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Rule(50) (OT_RULE)	activates	is activated by(516) (CT_AVTIV_4)	Screen(31) (OT_SCRN)	Unique
Rule(50) (OT_RULE)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Event(18) (OT_EVT)	Unique
Screen(31) (OT_SCRN)	consists of	is component of(30) (CT_CONS_OF_1)	Screen(31) (OT_SCRN)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Bitmap(167) (OT_BITMAP)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Button(263) (OT_BUTTON)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Combo box(259) (OT_COMBOBOX)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	List control(262) (OT_LISTCTRL)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Radio button/Check box(258) (OT_OPT_CTRL)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Spin box(260) (OT_SPINBOX)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Text(168) (OT_TXT)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Text box(257) (OT_TEXTBOX)	Unique
Screen(31) (OT_SCRN)	contains	is contents of(461) (CT_CONTAINS_2)	Tree control(261) (OT_TREECTRL)	Unique
Screen(31) (OT_SCRN)	is predecessor of	is successor of(152) (CT_IS_PRED_OF)	Screen(31) (OT_SCRN)	Unique
Screen(31) (OT_SCRN)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Spin box(260) (OT_SPINBOX)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Spin box(260) (OT_SPINBOX)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Text(168) (OT_TXT)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Text(168) (OT_TXT)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Text box(257) (OT_TEXTBOX)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique

Table 13–220 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Text box(257) (OT_TEXTBOX)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique
Tree control(261) (OT_TREECTRL)	calls	is called by(455) (CT_CALLS_1)	Screen(31) (OT_SCRN)	Unique
Tree control(261) (OT_TREECTRL)	leads to	is assigned to(517) (CT_LEADS_TO_5)	Rule(50) (OT_RULE)	Unique

13.2.89 SeDaM model

Table 13–221 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute type group(111) (OT_ATTR_TYPE_GRP)	is attribute type group	has attribute type group(270) (CT_IS_ATTR_TYPE_GRP)	Entity type(17) (OT_ENT_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	defines (aggregating)	is aggregating(105) (CT_DEF_AGGR)	Entity type(17) (OT_ENT_TYPE)	
Entity type(17) (OT_ENT_TYPE)	defines (hierarchical)	is depending hierarchically(106) (CT_DEF_HIER)	Entity type(17) (OT_ENT_TYPE)	
Entity type(17) (OT_ENT_TYPE)	forms an incoming reference with	has reference to(107) (CT_HAS_REL_REF)	Entity type(17) (OT_ENT_TYPE)	
Entity type(17) (OT_ENT_TYPE)	has mandatory field	is mandatory field(130) (CT_HAS_MAND_FIELD)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Entity type(17) (OT_ENT_TYPE)	is subtype of	has as subtype(76) (CT_IS_SUB_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
Entity type(17) (OT_ENT_TYPE)	is supertype of	has as supertype(77) (CT_IS_SUPER_OF_1)	Generalization type(23) (OT_GNRL_TYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	belongs to	encompasses(269) (CT_BELONGS_TO_6)	Attribute type group(111) (OT_ATTR_TYPE_GRP)	Unique

Assignment Relationships

Table 13–222 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Cluster /Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Cluster /Data model(14) (OT_CLST)	Unique
Cluster /Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Cluster /Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Cluster /Data model(14) (OT_CLST)	consists of	is part of(85) (CT_CONS_OF_2)	Generalization type(23) (OT_GNRL_TYPE)	Unique

13.2.90 Shift calendar

Table 13–223 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Shift(217) (OT_SHIFT)	is interrupted by	interrupts(440) (CT_IS_INTERRUPTED_BY)	Break(218) (OT_BREAK)	Unique
Shift cycle(216) (OT_SHIFT_CYC)	repeats	is repeated by(438) (CT_REPEATS)	Shift(217) (OT_SHIFT)	Unique
Shift plan(215) (OT_SHIFT_PLAN)	is superior	is subordinate(257) (CT_IS_SUPERIOR_2)	Shift cycle(216) (OT_SHIFT_CYC)	Unique

13.2.91 Structuring model

Table 13–224 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Structural element(232) (OT_STRCT_ELMT)	contains	is contents of(461) (CT_CONTAINS_2)	Structural element(232) (OT_STRCT_ELMT)	Unique

13.2.92 Table diagram

Table 13–225 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	is owner of	has owner(271) (CT_IS_OWN)	Table(55) (OT_TBL)	Unique
Domain (physical)(47) (OT_DOM_PHYS)	depicts	is depicted by(84) (CT_DEPICTS_1)	Domain(16) (OT_DOM)	Unique
Field(21) (OT_FLD)	depicts	is depicted by(84) (CT_DEPICTS_1)	Attribute(8) (OT_ATTR)	Unique
Field(21) (OT_FLD)	depicts	is depicted by(84) (CT_DEPICTS_1)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Field(21) (OT_FLD)	depicts	is depicted by(84) (CT_DEPICTS_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Field(21) (OT_FLD)	has	belongs to(96) (CT_HAS_1)	Domain (physical)(47) (OT_DOM_PHYS)	Unique
Field (specimen)(74) (OT_FLD_SPEC)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Field(21) (OT_FLD)	Unique
Index(103) (OT_IDX)	is defined by	defines(246) (CT_IS_DEF_BY_1)	Field(21) (OT_FLD)	Unique
Memory location(53) (OT_MEM_LOC)	is assigned to	is assigned to(93) (CT_IS_ASSIG_5)	Field(21) (OT_FLD)	Unique
Memory location(53) (OT_MEM_LOC)	is assigned to	is assigned to(93) (CT_IS_ASSIG_5)	Table(55) (OT_TBL)	Unique
Table(55) (OT_TBL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Entity type(17) (OT_ENT_TYPE)	Unique
Table(55) (OT_TBL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Relation(51) (OT_REL)	Unique
Table(55) (OT_TBL)	depicts	is depicted by(84) (CT_DEPICTS_1)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Table(55) (OT_TBL)	depicts	is depicted by(84) (CT_DEPICTS_1)	View(57) (OT_VIEW)	Unique

Table 13–225 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Table(55) (OT_TBL)	has reference to	has reference to(294) (CT_HAS_REF_TO)	Table(55) (OT_TBL)	Unique
Table(55) (OT_TBL)	owns	is part of(95) (CT_OWNS)	Field(21) (OT_FLD)	Unique
Tables (specimen)(73) (OT_TBL_SPEC)	is of type	determines type of(169) (CT_IS_OF_TYPE_3)	Table(55) (OT_TBL)	Unique
View (physical)(75) (OT_VIEW_PHYS)	depicts	is depicted by(84) (CT_DEPICTS_1)	View(57) (OT_VIEW)	Unique
View (physical)(75) (OT_VIEW_PHYS)	reads	is read by(247) (CT_READ_1)	Field(21) (OT_FLD)	Unique
View (physical)(75) (OT_VIEW_PHYS)	reads	is read by(247) (CT_READ_1)	Table(55) (OT_TBL)	Unique
View (physical)(75) (OT_VIEW_PHYS)	reads	reads(248) (CT_READ_2)	View (physical)(75) (OT_VIEW_PHYS)	

13.2.93 Technical resources

Table 13–226 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating resource(120) (OT_OP_RES)	
Group(128) (OT_GRP)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	
Group(128) (OT_GRP)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Transport system(122) (OT_TRNSP_SYS)	
Group(128) (OT_GRP)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Warehouse equipment(121) (OT_WH_EQUIP)	
Operating resource(120) (OT_OP_RES)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Operating resource type(116) (OT_OP_RES_TYPE)	Unique
Operating resource(120) (OT_OP_RES)	encompasses	belongs to(67) (CT_SUBS_1)	Operating resource(120) (OT_OP_RES)	Unique
Operating resource(120) (OT_OP_RES)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Operating resource class(112) (OT_OP_RES_CLS)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Operating resource class(112) (OT_OP_RES_CLS)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Operating resource class(112) (OT_OP_RES_CLS)	Unique
Operating resource type(116) (OT_OP_RES_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Operating resource type(116) (OT_OP_RES_TYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating resource(120) (OT_OP_RES)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Transport system(122) (OT_TRNSP_SYS)	

Table 13–226 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Warehouse equipment(121) (OT_WH_EQUIP)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating resource(120) (OT_OP_RES)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Transport system(122) (OT_TRNSP_SYS)	
Person(46) (OT_PERS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Warehouse equipment(121) (OT_WH_EQUIP)	
Position(45) (OT_POS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Operating resource(120) (OT_OP_RES)	
Position(45) (OT_POS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	
Position(45) (OT_POS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Transport system(122) (OT_TRNSP_SYS)	
Position(45) (OT_POS)	is responsible for	is under responsibility of(168) (CT_IS_RESP_1)	Warehouse equipment(121) (OT_WH_EQUIP)	
System organizational unit(12) (OT_SYS_ORG_UNIT)	depicts	is depicted by(84) (CT_DEPICTS_1)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
System organizational unit type(13) (OT_SYS_ORG_UNIT_TYPE)	depicts	is depicted by(84) (CT_DEPICTS_1)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Tech. operating supply class(115) (OT_TECH_OP_SUPPLY_CLS)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Tech. operating supply class(115) (OT_TECH_OP_SUPPLY_CLS)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	encompasses	belongs to(67) (CT_SUBS_1)	Technical operating supply(123) (OT_TECH_OP_SUPPLY)	Unique
Technical operating supply(123) (OT_TECH_OP_SUPPLY)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Tech. operating supply class(115) (OT_TECH_OP_SUPPLY_CLS)	Unique
Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Technical operating supply type(119) (OT_TECH_OP_SUPPLY_TYPE)	Unique
Transport system(122) (OT_TRNSP_SYS)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Transport system(122) (OT_TRNSP_SYS)	encompasses	belongs to(67) (CT_SUBS_1)	Transport system(122) (OT_TRNSP_SYS)	Unique

Table 13–226 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Transport system(122) (OT_TRNSP_SYS)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Transport system class(114) (OT_TRNSP_SYS_CLS)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Transport system class(114) (OT_TRNSP_SYS_CLS)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Transport system class(114) (OT_TRNSP_SYS_CLS)	Unique
Transport system type(118) (OT_TRNSP_SYS_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Transport system type(118) (OT_TRNSP_SYS_TYPE)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	encompasses	belongs to(67) (CT_SUBS_1)	Warehouse equipment(121) (OT_WH_EQUIP)	Unique
Warehouse equipment(121) (OT_WH_EQUIP)	is located at	is location of(12) (CT_IS_LOC_AT_1)	Location(54) (OT_LOC)	Unique
Warehouse equipment class(113) (OT_WH_EQUIP_CLS)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Warehouse equipment class(113) (OT_WH_EQUIP_CLS)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	belongs to	has assigned(253) (CT_BELONGS_TO_5)	Warehouse equipment class(113) (OT_WH_EQUIP_CLS)	Unique
Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	can encompass	can belong to(249) (CT_CAN_SUBS_4)	Warehouse equipment type(117) (OT_WH_EQUIP_TYPE)	Unique

13.2.94 Technical terms model

Table 13–227 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_TECH_TRM)	can be	can be(286) (CT_CAN_BE)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	classifies	is classified(284) (CT_CLSF)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	Class(90) (OT_CLS)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	Cluster/Data model(14) (OT_CLST)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	Entity type(17) (OT_ENT_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	Package(187) (OT_PACK)	Unique
Technical term(58) (OT_TECH_TRM)	depicts	is depicted by(113) (CT_DEPICTS_2)	Relationship type(11) (OT_RELSHP_TYPE)	Unique
Technical term(58) (OT_TECH_TRM)	encompasses	is part of(112) (CT_SUBS_2)	Technical term(58) (OT_TECH_TRM)	Unique

Table 13–227 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Technical term(58) (OT_TECH_TRM)	has	belongs to(96) (CT_HAS_1)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	has relation with	has relation with(111) (CT_IS_IN_RELSHIP_TO)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	is a	is a(283) (CT_IS_A)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	is a functional generic term of	is a functional subterm of(406) (CT_FUNC_HEADLINE)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	is feature of	has feature(285) (CT_IS_FEAT_OF)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	is generic term of	is subterm of(403) (CT_IS_GENERIC_TERM)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	is part of	has part(404) (CT_IS_PART_OF)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	is specimen of	has specimen(287) (CT_IS_SPEC_OF)	Technical term(58) (OT_TECH_TRM)	Unique
Technical term(58) (OT_TECH_TRM)	Synonym (preferred term of)	Synonym (not a preferred term of)(405) (CT_SYNONYM)	Technical term(58) (OT_TECH_TRM)	Unique

13.2.95 UML Activity diagram

Table 13–228 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Action(284) (OT_ACTION)	contains	is contained by(421) (CT_CONTAINS)	Action(284) (OT_ACTION)	Unique
Action(284) (OT_ACTION)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Action(284) (OT_ACTION)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Action(284) (OT_ACTION)	sends signal	has been sent(545) (CT_SENDS_SIG)	Exception(281) (OT_UML_EXCEPT)	Unique
Action(284) (OT_ACTION)	sends signal	has been sent(545) (CT_SENDS_SIG)	Signal(280) (OT_UML_SIGNAL)	Unique
Activity graph(287) (OT_ACT_GRAPH)	has partition	is partition of(552) (CT_HAS_PARTITION)	Partition(288) (OT_PARTITION)	Unique
Activity graph(287) (OT_ACT_GRAPH)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Activity graph(287) (OT_ACT_GRAPH)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Activity graph(287) (OT_ACT_GRAPH)	has top state	is top state of(540) (CT_HAS_TOPSTATE)	Product/Service(153) (OT_PERF)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association(87) (OT_ASSOC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association(87) (OT_ASSOC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association class(264) (OT_ASSOC_CLS)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Association class(264) (OT_ASSOC_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association class(264) (OT_ASSOC_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Classifier-in-state(283) (OT_CLS_IN_STATE)	generalizes	specializes(415) (CT_GENERAL)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is in state	has been put in state(543) (CT_IS_IN_STATE)	Function(22) (OT_FUNC)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is in state	has been put in state(543) (CT_IS_IN_STATE)	Product/Service(153) (OT_PERF)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Classifier-in-state(283) (OT_CLS_IN_STATE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Action(284) (OT_ACTION)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Argument(285) (OT_ARGUM)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association class(264) (OT_ASSOC_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Event(18) (OT_EVT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Function(22) (OT_FUNC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Group(128) (OT_GRP)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Parameter(184) (OT_PARA)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Partition(288) (OT_PARTITION)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Person(46) (OT_PERS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Person type(78) (OT_PERS_TYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Position(45) (OT_POS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Product/Service(153) (OT_PERF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Rule(50) (OT_RULE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Signal(280) (OT_UML_SIGNAL)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Event(18) (OT_EVT)	calls	is called by(426) (CT_CALLS)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Event(18) (OT_EVT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Event(18) (OT_EVT)	receives signal	sends signal(541) (CT_RECEIVES)	Exception(281) (OT_UML_EXCEPT)	Unique
Event(18) (OT_EVT)	receives signal	sends signal(541) (CT_RECEIVES)	Signal(280) (OT_UML_SIGNAL)	Unique
Exception(281) (OT_UML_EXCEPT)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Exception(281) (OT_UML_EXCEPT)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Exception(281) (OT_UML_EXCEPT)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Exception(281) (OT_UML_EXCEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Exception(281) (OT_UML_EXCEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Function(22) (OT_FUNC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Function(22) (OT_FUNC)	
Function(22) (OT_FUNC)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Product/Service(153) (OT_PERF)	
Function(22) (OT_FUNC)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Rule(50) (OT_RULE)	
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	leads to	is assigned to(116) (CT_LEADS_TO_1)	Rule(50) (OT_RULE)	Unique
Function(22) (OT_FUNC)	performs on entry	is performed on entry(546) (CT_PERF_ENTRY)	Action(284) (OT_ACTION)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Signal(280) (OT_UML_SIGNAL)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Group(128) (OT_GRP)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Action(284) (OT_ACTION)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Argument(285) (OT_ARGUM)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association class(264) (OT_ASSOC_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Event(18) (OT_EVT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Function(22) (OT_FUNC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Group(128) (OT_GRP)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Parameter(184) (OT_PARA)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Partition(288) (OT_PARTITION)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Person(46) (OT_PERS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Person type(78) (OT_PERS_TYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Position(45) (OT_POS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Product/Service(153) (OT_PERF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Rule(50) (OT_RULE)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Signal(280) (OT_UML_SIGNAL)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Package(187) (OT_PACK)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Package(187) (OT_PACK)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Parameter(184) (OT_PARA)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Parameter(184) (OT_PARA)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Partition(288) (OT_PARTITION)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Partition(288) (OT_PARTITION)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Partition(288) (OT_PARTITION)	contains	is contained by(421) (CT_CONTAINS)	Product/Service(153) (OT_PERF)	Unique
Partition(288) (OT_PARTITION)	contains	is contained by(421) (CT_CONTAINS)	Rule(50) (OT_RULE)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Partition(288) (OT_PARTITION)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Partition(288) (OT_PARTITION)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Person(46) (OT_PERS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Person type(78) (OT_PERS_TYPE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Position(45) (OT_POS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Product/Service(153) (OT_PERF)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT_PARA)	Unique
Product/Service(153) (OT_PERF)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Product/Service(153) (OT_PERF)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Product/Service(153) (OT_PERF)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Function(22) (OT_FUNC)	
Product/Service(153) (OT_PERF)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Product/Service(153) (OT_PERF)	
Product/Service(153) (OT_PERF)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Rule(50) (OT_RULE)	
Product/Service(153) (OT_PERF)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
Product/Service(153) (OT_PERF)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Product/Service(153) (OT_PERF)	has type	is type of(508) (CT_IS_TYPE_OF)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Reception(282) (OT_UML_RECEPT)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Reception(282) (OT_UML_RECEPT)	raises	is raised by(542) (CT_RAISES)	Signal(280) (OT_UML_SIGNAL)	Unique
Reception(282) (OT_UML_RECEPT)	receives signal	sends signal(541) (CT_RECEIVES)	Exception(281) (OT_UML_EXCEPT)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Reception(282) (OT_UML_RECEPT)	receives signal	sends signal(541) (CT_RECEIVES)	Signal(280) (OT_UML_SIGNAL)	Unique
Rule(50) (OT_RULE)	activates	is activated by(43) (CT_ACTIV_1)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Rule(50) (OT_RULE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Rule(50) (OT_RULE)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Function(22) (OT_FUNC)	
Rule(50) (OT_RULE)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Product/Service(153) (OT_PERF)	
Rule(50) (OT_RULE)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Rule(50) (OT_RULE)	
Rule(50) (OT_RULE)	links	is linked by(54) (CT_LNK_2)	Rule(50) (OT_RULE)	Unique
Signal(280) (OT_UML_SIGNAL)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Signal(280) (OT_UML_SIGNAL)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Signal(280) (OT_UML_SIGNAL)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Signal(280) (OT_UML_SIGNAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Signal(280) (OT_UML_SIGNAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Action(284) (OT_ACTION)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association(87) (OT_ASSOC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association class(264) (OT_ASSOC_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Event(18) (OT_EVT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Exception(281) (OT_UML_EXCEPT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Function(22) (OT_FUNC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Group(128) (OT_GRP)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Package(187) (OT_PACK)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Parameter(184) (OT_PARA)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Partition(288) (OT_PARTITION)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Person(46) (OT_PERS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Person type(78) (OT_PERS_TYPE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Position(45) (OT_POS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Product/Service(153) (OT_PERF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Rule(50) (OT_RULE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Signal(280) (OT_UML_SIGNAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	UML Model(272) (OT_UML_MOD)	Unique

Table 13–228 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
UML Model(272) (OT_UML_MOD)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique

13.2.96 UML Class description diagram

Table 13–229 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association class(264) (OT_ASSOC_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	encompasses	belongs to(155) (CT_CAN_SUBS_2)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	has enumeration literal	is enumeration literal of(513) (CT_HAS_ENUM_LIT)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Class(90) (OT_CLS)	has instance	is instance(419) (CT_HAS_INSTANCE)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	supports	is supported(417) (CT_SUPPORTS)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association class(264) (OT_ASSOC_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Function(22) (OT_FUNC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Parameter(184) (OT PARA)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT PARA)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association class(264) (OT_ASSOC_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique

Table 13–229 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Function(22) (OT_FUNC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Parameter(184) (OT_PARA)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique

Assignment Relationships

Table 13–230 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique

13.2.97 UML Class diagram**Table 13–231 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Action(284) (OT_ACTION)	calls	is called by(426) (CT_CALLS)	Function(22) (OT_FUNC)	Unique
Action(284) (OT_ACTION)	has argument	is argument of(534) (CT_HAS_ARGU)	Argument(285) (OT_ARGUM)	
Action(284) (OT_ACTION)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Action(284) (OT_ACTION)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Action(284) (OT_ACTION)	instantiate	is instantiated by(445) (CT_IS_INSTANCiate)	Class(90) (OT_CLS)	Unique
Action(284) (OT_ACTION)	is nested	nests(418) (CT_IS_NESTED)	Collaboration(286) (OT_COLLABORATION)	Unique
Action(284) (OT_ACTION)	sends signal	has been sent(545) (CT_SENDS_SIG)	Exception(281) (OT_UML_EXCEPT)	Unique
Action(284) (OT_ACTION)	sends signal	has been sent(545) (CT_SENDS_SIG)	Signal(280) (OT_UML_SIGNAL)	Unique
Activity graph(287) (OT_ACT_GRAPH)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13-231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Activity graph(287) (OT_ACT_GRAPH)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Activity graph(287) (OT_ACT_GRAPH)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Activity graph(287) (OT_ACT_GRAPH)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Activity graph(287) (OT_ACT_GRAPH)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Argument(285) (OT_ARGUM)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Argument(285) (OT_ARGUM)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Association(87) (OT_ASSOC)	generalizes	specializes(415) (CT_GENERAL)	Association(87) (OT_ASSOC)	Unique
Association(87) (OT_ASSOC)	generalizes	specializes(415) (CT_GENERAL)	Association class(264) (OT_ASSOC_CLS)	Unique
Association(87) (OT_ASSOC)	has instance	is instance(419) (CT_HAS_INSTANCE)	Association instance(129) (OT_ASSOC_INST)	Unique
Association(87) (OT_ASSOC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association(87) (OT_ASSOC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Association class(264) (OT_ASSOC_CLS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Association class(264) (OT_ASSOC_CLS)	generalizes	specializes(415) (CT_GENERAL)	Association class(264) (OT_ASSOC_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	State machine(279) (OT_STATE_MACH)	Unique
Association class(264) (OT_ASSOC_CLS)	has instance	is instance(419) (CT_HAS_INSTANCE)	Link object(274) (OT_LINK_OBJ)	Unique
Association class(264) (OT_ASSOC_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Association class(264) (OT_ASSOC_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Association class(264) (OT_ASSOC_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association class(264) (OT_ASSOC_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association class(264) (OT_ASSOC_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association class(264) (OT_ASSOC_CLS)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Association class(264) (OT_ASSOC_CLS)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Association class(264) (OT_ASSOC_CLS)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique

Table 13-231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Data value(98) (OT_DATA_VAL)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Link object(274) (OT_LINK_OBJ)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Subsystem instance(271) (OT_SUBSYS_INST)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association instance(129) (OT_ASSOC_INST)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Association instance(129) (OT_ASSOC_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association instance(129) (OT_ASSOC_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association instance(129) (OT_ASSOC_INST)	is linked to	is linked to(313) (CT_IS_LNK_TO)	Use case instance(273) (OT_USECASE_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Data value(98) (OT_DATA_VAL)	
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Link object(274) (OT_LINK_OBJ)	
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Subsystem instance(271) (OT_SUBSYS_INST)	
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Use case instance(273) (OT_USECASE_INST)	
Association instance(129) (OT_ASSOC_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Data value(98) (OT_DATA_VAL)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Link object(274) (OT_LINK_OBJ)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Data value(98) (OT_DATA_VAL)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Data value(98) (OT_DATA_VAL)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Link object(274) (OT_LINK_OBJ)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Subsystem instance(271) (OT_SUBSYS_INST)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Data value(98) (OT_DATA_VAL)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Link object(274) (OT_LINK_OBJ)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Subsystem instance(271) (OT_SUBSYS_INST)	
Association role(275) (OT_ASSOC_ROLE)	generalizes	specializes(415) (CT_GENERAL)	Association role(275) (OT_ASSOC_ROLE)	Unique
Association role(275) (OT_ASSOC_ROLE)	has base	is base of(529) (CT_HAS_BASE)	Association(87) (OT_ASSOC)	Unique
Association role(275) (OT_ASSOC_ROLE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association role(275) (OT_ASSOC_ROLE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association role(275) (OT_ASSOC_ROLE)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Association role(275) (OT_ASSOC_ROLE)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Association role(275) (OT_ASSOC_ROLE)	is nested	nests(418) (CT_IS_NESTED)	Collaboration(286) (OT_COLLABORATION)	Unique
Association role(275) (OT_ASSOC_ROLE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Association role(275) (OT_ASSOC_ROLE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Attribute link(277) (OT_ATTR_LINK)	has value	is value of(533) (CT_HAS_VALUE)	Data value(98) (OT_DATA_VAL)	Unique
Attribute link(277) (OT_ATTR_LINK)	has value	is value of(533) (CT_HAS_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Attribute link(277) (OT_ATTR_LINK)	has value	is value of(533) (CT_HAS_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Attribute link(277) (OT_ATTR_LINK)	originates from	is origin of(532) (CT_ORIG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	associates	is associated(416) (CT_ASSOCIA)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	binds	is bound by(528) (CT_BINDS)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	calls	is called by(426) (CT_CALLS)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Class(90) (OT_CLS)	generalizes	specializes(415) (CT_GENERAL)	Association class(264) (OT_ASSOC_CLS)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	generalizes	specializes(415) (CT_GENERAL)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Class(90) (OT_CLS)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	State machine(279) (OT_STATE_MACH)	Unique
Class(90) (OT_CLS)	has enumeration literal	is enumeration literal of(513) (CT_HAS_ENUM_LIT)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Class(90) (OT_CLS)	has instance	is instance(419) (CT_HAS_INSTANCE)	Data value(98) (OT_DATA_VAL)	Unique
Class(90) (OT_CLS)	has instance	is instance(419) (CT_HAS_INSTANCE)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	has template parameter	is template parameter of(527) (CT_HAS_TMPL_PARA)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	has template parameter	is template parameter of(527) (CT_HAS_TMPL_PARA)	Data value(98) (OT_DATA_VAL)	Unique
Class(90) (OT_CLS)	has template parameter	is template parameter of(527) (CT_HAS_TMPL_PARA)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Profile(300) (OT_UML_PROFILE)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	supplies properties for	has properties supplied by(457) (CT_SUPPL_PROP)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	supports	is supported(417) (CT_SUPPORTS)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Classifier role(276) (OT_CLS_ROLE)	generalizes	specializes(415) (CT_GENERAL)	Classifier role(276) (OT_CLS_ROLE)	Unique
Classifier role(276) (OT_CLS_ROLE)	has base	is base of(529) (CT_HAS_BASE)	Association class(264) (OT_ASSOC_CLS)	Unique
Classifier role(276) (OT_CLS_ROLE)	has base	is base of(529) (CT_HAS_BASE)	Class(90) (OT_CLS)	Unique
Classifier role(276) (OT_CLS_ROLE)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Classifier role(276) (OT_CLS_ROLE)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Classifier role(276) (OT_CLS_ROLE)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Classifier role(276) (OT_CLS_ROLE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Classifier role(276) (OT_CLS_ROLE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier role(276) (OT_CLS_ROLE)	is nested	nests(418) (CT_IS_NESTED)	Collaboration(286) (OT_COLLABORATION)	Unique
Classifier role(276) (OT_CLS_ROLE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Classifier role(276) (OT_CLS_ROLE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Collaboration(286) (OT_COLLABORATION)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Collaboration(286) (OT_COLLABORATION)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Collaboration(286) (OT_COLLABORATION)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Collaboration(286) (OT_COLLABORATION)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Collaboration(286) (OT_COLLABORATION)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Collaboration(286) (OT_COLLABORATION)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Collaboration(286) (OT_COLLABORATION)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Association instance(129) (OT_ASSOC_INST)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Link object(274) (OT_LINK_OBJ)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Object instance(94) (OT_OBJ_INST)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Use case instance(273) (OT_USECASE_INST)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association(87) (OT_ASSOC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association class(264) (OT_ASSOC_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association instance(129) (OT_ASSOC_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Collaboration(286) (OT_COLLABORATION)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Data value(98) (OT_DATA_VAL)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Exception(281) (OT_UML_EXCEPT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Function(22) (OT_FUNC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Link object(274) (OT_LINK_OBJ)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Package(187) (OT_PACK)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Parameter(184) (OT PARA)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Profile(300) (OT_UML_PROFILE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Reception(282) (OT_UML_RECEPT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Signal(280) (OT_UML_SIGNAL)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Subsystem(270) (OT_SUBSYS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	UML Model(272) (OT_UML_MOD)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Collaboration(286) (OT_COLLABORATION)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Profile(300) (OT_UML_PROFILE)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Data value(98) (OT_DATA_VAL)	
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Link object(274) (OT_LINK_OBJ)	
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Data value(98) (OT_DATA_VAL)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Data value(98) (OT_DATA_VAL)	Unique
Data value(98) (OT_DATA_VAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Data value(98) (OT_DATA_VAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Data value(98) (OT_DATA_VAL)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Data value(98) (OT_DATA_VAL)	is owned by	owns(525) (CT_IS_OWNED_BY)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Data value(98) (OT_DATA_VAL)	
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Link object(274) (OT_LINK_OBJ)	
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Data value(98) (OT_DATA_VAL)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Data value(98) (OT_DATA_VAL)	
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Link object(274) (OT_LINK_OBJ)	

Table 13-231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Subsystem instance(271) (OT_SUBSYS_INST)	
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Data value(98) (OT_DATA_VAL)	
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Link object(274) (OT_LINK_OBJ)	
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Subsystem instance(271) (OT_SUBSYS_INST)	
Enumeration literal(266) (OT_ENUM_LIT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Event(18) (OT_EVT)	receives signal	sends signal(541) (CT_RECEIVES)	Signal(280) (OT_UML_SIGNAL)	Unique
Exception(281) (OT_UML_EXCEPT)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Exception(281) (OT_UML_EXCEPT)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association class(264) (OT_ASSOC_CLS)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Exception(281) (OT_UML_EXCEPT)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Exception(281) (OT_UML_EXCEPT)	generalizes	specializes(415) (CT_GENERAL)	Exception(281) (OT_UML_EXCEPT)	Unique
Exception(281) (OT_UML_EXCEPT)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Exception(281) (OT_UML_EXCEPT)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Exception(281) (OT_UML_EXCEPT)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Exception(281) (OT_UML_EXCEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Exception(281) (OT_UML_EXCEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Exception(281) (OT_UML_EXCEPT)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
Exception(281) (OT_UML_EXCEPT)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Exception(281) (OT_UML_EXCEPT)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Function(22) (OT_FUNC)	binds	is bound by(528) (CT_BINDS)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Function(22) (OT_FUNC)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	State machine(279) (OT_STATE_MACH)	Unique
Function(22) (OT_FUNC)	has parameter	is parameter of(510) (CT_HAS PARA)	Parameter(184) (OT_PARA)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Function(22) (OT_FUNC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	has template parameter	is template parameter of(527) (CT_HAS_TMPL_PARA)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	has template parameter	is template parameter of(527) (CT_HAS_TMPL_PARA)	Data value(98) (OT_DATA_VAL)	Unique
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Signal(280) (OT_UML_SIGNAL)	Unique
Group(128) (OT_GRP)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Group(128) (OT_GRP)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Data value(98) (OT_DATA_VAL)	
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Link object(274) (OT_LINK_OBJ)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Link object(274) (OT_LINK_OBJ)	Unique
Link object(274) (OT_LINK_OBJ)	has slot	is slot of(530) (CT_HAS_SLOT)	Attribute link(277) (OT_ATTR_LINK)	Unique
Link object(274) (OT_LINK_OBJ)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Link object(274) (OT_LINK_OBJ)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Data value(98) (OT_DATA_VAL)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Object instance(94) (OT_OBJ_INST)	
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Subsystem instance(271) (OT_SUBSYS_INST)	
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Use case instance(273) (OT_USECASE_INST)	
Link object(274) (OT_LINK_OBJ)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Link object(274) (OT_LINK_OBJ)	is owned by	owns(525) (CT_IS_OWNED_BY)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Data value(98) (OT_DATA_VAL)	
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Data value(98) (OT_DATA_VAL)	Unique
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Data value(98) (OT_DATA_VAL)	
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Subsystem instance(271) (OT_SUBSYS_INST)	
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Data value(98) (OT_DATA_VAL)	
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Subsystem instance(271) (OT_SUBSYS_INST)	
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association(87) (OT_ASSOC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association class(264) (OT_ASSOC_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association instance(129) (OT_ASSOC_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Collaboration(286) (OT_COLLABORATION)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Data value(98) (OT_DATA_VAL)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Exception(281) (OT_UML_EXCEPT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Function(22) (OT_FUNC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Link object(274) (OT_LINK_OBJ)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Package(187) (OT_PACK)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Parameter(184) (OT_PARA)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Profile(300) (OT_UML_PROFILE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Signal(280) (OT_UML_SIGNAL)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Subsystem(270) (OT_SUBSYS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	UML Model(272) (OT_UML_MOD)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Data value(98) (OT_DATA_VAL)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Link object(274) (OT_LINK_OBJ)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Object instance(94) (OT_OBJ_INST)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	has slot	is slot of(530) (CT_HAS_SLOT)	Attribute link(277) (OT_ATTR_LINK)	Unique
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Data value(98) (OT_DATA_VAL)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Link object(274) (OT_LINK_OBJ)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Data value(98) (OT_DATA_VAL)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Data value(98) (OT_DATA_VAL)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Link object(274) (OT_LINK_OBJ)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Subsystem instance(271) (OT_SUBSYS_INST)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Data value(98) (OT_DATA_VAL)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Link object(274) (OT_LINK_OBJ)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Subsystem instance(271) (OT_SUBSYS_INST)	
Package(187) (OT_PACK)	accesses	is accessed(491) (CT_ACCESS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Association(87) (OT_ASSOC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Class(90) (OT_CLS)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Note(186) (OT_NOTE)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Package(187) (OT_PACK)	generalizes	specializes(415) (CT_GENERAL)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Package(187) (OT_PACK)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Package(187) (OT_PACK)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Association(87) (OT_ASSOC)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Association class(264) (OT_ASSOC_CLS)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Classifier role(276) (OT_CLS_ROLE)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Collaboration(286) (OT_COLLABORATION)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Constraint(88) (OT_CNSTR)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Exception(281) (OT_UML_EXCEPT)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Package(187) (OT_PACK)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Profile(300) (OT_UML_PROFILE)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Signal(280) (OT_UML_SIGNAL)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Stereotype(297) (OT_STEREOTYPE)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Subsystem(270) (OT_SUBSYS)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	Tag definition(298) (OT_TAG_DEF)	Unique
Package(187) (OT_PACK)	imports	is imported(490) (CT_IMPORT)	UML Model(272) (OT_UML_MOD)	Unique
Package(187) (OT_PACK)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Package(187) (OT_PACK)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Package(187) (OT_PACK)	references	is referenced by(422) (CT_REF)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	references	is referenced by(422) (CT_REF)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Package(187) (OT_PACK)	references	is referenced by(422) (CT_REF)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	references	is referenced by(422) (CT_REF)	Note(186) (OT_NOTE)	Unique
Package(187) (OT_PACK)	references	is referenced by(422) (CT_REF)	Object instance(94) (OT_OBJ_INST)	Unique
Package(187) (OT_PACK)	references	is referenced by(422) (CT_REF)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Parameter(184) (OT_PARA)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Parameter(184) (OT_PARA)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Profile(300) (OT_UML_PROFILE)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Profile(300) (OT_UML_PROFILE)	imports	is imported(490) (CT_IMPORT)	Class(90) (OT_CLS)	Unique
Profile(300) (OT_UML_PROFILE)	imports	is imported(490) (CT_IMPORT)	Constraint(88) (OT_CNSTR)	Unique
Profile(300) (OT_UML_PROFILE)	imports	is imported(490) (CT_IMPORT)	Stereotype(297) (OT_STEREOTYPE)	Unique
Profile(300) (OT_UML_PROFILE)	imports	is imported(490) (CT_IMPORT)	Tag definition(298) (OT_TAG_DEF)	Unique
Profile(300) (OT_UML_PROFILE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Profile(300) (OT_UML_PROFILE)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Profile(300) (OT_UML_PROFILE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Reception(282) (OT_UML_RECEPT)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Reception(282) (OT_UML_RECEPT)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	State machine(279) (OT_STATE_MACH)	Unique
Reception(282) (OT_UML_RECEPT)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT_PARA)	Unique
Reception(282) (OT_UML_RECEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Reception(282) (OT_UML_RECEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Reception(282) (OT_UML_RECEPT)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Reception(282) (OT_UML_RECEPT)	raises	is raised by(542) (CT_RAISES)	Signal(280) (OT_UML_SIGNAL)	Unique
Reception(282) (OT_UML_RECEPT)	receives signal	sends signal(541) (CT_RECEIVES)	Signal(280) (OT_UML_SIGNAL)	Unique
Signal(280) (OT_UML_SIGNAL)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Signal(280) (OT_UML_SIGNAL)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association class(264) (OT_ASSOC_CLS)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
Signal(280) (OT_UML_SIGNAL)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Signal(280) (OT_UML_SIGNAL)	generalizes	specializes(415) (CT_GENERAL)	Exception(281) (OT_UML_EXCEPT)	Unique
Signal(280) (OT_UML_SIGNAL)	generalizes	specializes(415) (CT_GENERAL)	Signal(280) (OT_UML_SIGNAL)	Unique
Signal(280) (OT_UML_SIGNAL)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Signal(280) (OT_UML_SIGNAL)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Signal(280) (OT_UML_SIGNAL)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Signal(280) (OT_UML_SIGNAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Signal(280) (OT_UML_SIGNAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Signal(280) (OT_UML_SIGNAL)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Signal(280) (OT_UML_SIGNAL)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Signal(280) (OT_UML_SIGNAL)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Signal(280) (OT_UML_SIGNAL)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Signal(280) (OT_UML_SIGNAL)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Signal(280) (OT_UML_SIGNAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Signal(280) (OT_UML_SIGNAL)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
State machine(279) (OT_STATE_MACH)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
State machine(279) (OT_STATE_MACH)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
State machine(279) (OT_STATE_MACH)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
State machine(279) (OT_STATE_MACH)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
State machine(279) (OT_STATE_MACH)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Stereotype(297) (OT_STEREOTYPE)	generalizes	specializes(415) (CT_GENERAL)	Stereotype(297) (OT_STEREOTYPE)	Unique
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Stereotype(297) (OT_STEREOTYPE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Stereotype(297) (OT_STEREOTYPE)	is nested	nests(418) (CT_IS_NESTED)	Profile(300) (OT_UML_PROFILE)	Unique
Stereotype(297) (OT_STEREOTYPE)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Stereotype(297) (OT_STEREOTYPE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Subsystem(270) (OT_SUBSYS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Subsystem(270) (OT_SUBSYS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association class(264) (OT_ASSOC_CLS)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
Subsystem(270) (OT_SUBSYS)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
Subsystem(270) (OT_SUBSYS)	generalizes	specializes(415) (CT_GENERAL)	Subsystem(270) (OT_SUBSYS)	Unique
Subsystem(270) (OT_SUBSYS)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Subsystem(270) (OT_SUBSYS)	has instance	is instance(419) (CT_HAS_INSTANCE)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Subsystem(270) (OT_SUBSYS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Subsystem(270) (OT_SUBSYS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Subsystem(270) (OT_SUBSYS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Subsystem(270) (OT_SUBSYS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Association(87) (OT_ASSOC)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Association class(264) (OT_ASSOC_CLS)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Class(90) (OT_CLS)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Collaboration(286) (OT_COLLABORATION)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Constraint(88) (OT_CNSTR)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Exception(281) (OT_UML_EXCEPT)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Package(187) (OT_PACK)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Profile(300) (OT_UML_PROFILE)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Signal(280) (OT_UML_SIGNAL)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Stereotype(297) (OT_STEREOTYPE)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Subsystem(270) (OT_SUBSYS)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	Tag definition(298) (OT_TAG_DEF)	Unique
Subsystem(270) (OT_SUBSYS)	imports	is imported(490) (CT_IMPORT)	UML Model(272) (OT_UML_MOD)	Unique
Subsystem(270) (OT_SUBSYS)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Subsystem(270) (OT_SUBSYS)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Subsystem(270) (OT_SUBSYS)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
Subsystem(270) (OT_SUBSYS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
Subsystem(270) (OT_SUBSYS)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
Subsystem(270) (OT_SUBSYS)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
Subsystem(270) (OT_SUBSYS)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Subsystem instance(271) (OT_SUBSYS_INST)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Subsystem instance(271) (OT_SUBSYS_INST)	depends	is depending(425) (CT_DEPENDS)	Data value(98) (OT_DATA_VAL)	
Subsystem instance(271) (OT_SUBSYS_INST)	depends	is depending(425) (CT_DEPENDS)	Link object(274) (OT_LINK_OBJ)	
Subsystem instance(271) (OT_SUBSYS_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	depends	is depending(425) (CT_DEPENDS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Subsystem instance(271) (OT_SUBSYS_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Data value(98) (OT_DATA_VAL)	
Subsystem instance(271) (OT_SUBSYS_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Link object(274) (OT_LINK_OBJ)	
Subsystem instance(271) (OT_SUBSYS_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem instance(271) (OT_SUBSYS_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	realizes	is realized by(458) (CT_REALIZES)	Data value(98) (OT_DATA_VAL)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Subsystem instance(271) (OT_SUBSYS_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	realizes	is realized by(458) (CT_REALIZES)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Subsystem instance(271) (OT_SUBSYS_INST)	refines	is refined by(511) (CT_REFINES)	Data value(98) (OT_DATA_VAL)	
Subsystem instance(271) (OT_SUBSYS_INST)	refines	is refined by(511) (CT_REFINES)	Link object(274) (OT_LINK_OBJ)	
Subsystem instance(271) (OT_SUBSYS_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	refines	is refined by(511) (CT_REFINES)	Subsystem instance(271) (OT_SUBSYS_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Subsystem instance(271) (OT_SUBSYS_INST)	uses	is used by(360) (CT_USE_5)	Data value(98) (OT_DATA_VAL)	
Subsystem instance(271) (OT_SUBSYS_INST)	uses	is used by(360) (CT_USE_5)	Link object(274) (OT_LINK_OBJ)	
Subsystem instance(271) (OT_SUBSYS_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	uses	is used by(360) (CT_USE_5)	Subsystem instance(271) (OT_SUBSYS_INST)	
Tag definition(298) (OT_TAG_DEF)	has reference enumeration	is reference enumeration of(653) (CT_HAS_REFERENCE_ENUMERATION)	Class(90) (OT_CLS)	Unique
Tag definition(298) (OT_TAG_DEF)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Tag definition(298) (OT_TAG_DEF)	is nested	nests(418) (CT_IS_NESTED)	Profile(300) (OT_UML_PROFILE)	Unique
Tag definition(298) (OT_TAG_DEF)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Tag definition(298) (OT_TAG_DEF)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Action(284) (OT_ACTION)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Argument(285) (OT_ARGUM)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association(87) (OT_ASSOC)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association instance(129) (OT_ASSOC_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association role(275) (OT_ASSOC_ROLE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Classifier role(276) (OT_CLS_ROLE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Collaboration(286) (OT_COLLABORATION)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Data value(98) (OT_DATA_VAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Exception(281) (OT_UML_EXCEPT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Function(22) (OT_FUNC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Package(187) (OT_PACK)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Parameter(184) (OT_PARA)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Profile(300) (OT_UML_PROFILE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Reception(282) (OT_UML_RECEPT)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Signal(280) (OT_UML_SIGNAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	State machine(279) (OT_STATE_MACH)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Subsystem(270) (OT_SUBSYS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Use case instance(273) (OT_USECASE_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Exception(281) (OT_UML_EXCEPT)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Signal(280) (OT_UML_SIGNAL)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Subsystem(270) (OT_SUBSYS)	
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	
UML Model(272) (OT_UML_MOD)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
UML Model(272) (OT_UML_MOD)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
UML Model(272) (OT_UML_MOD)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Association(87) (OT_ASSOC)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Association class(264) (OT_ASSOC_CLS)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Class(90) (OT_CLS)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Classifier role(276) (OT_CLS_ROLE)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Collaboration(286) (OT_COLLABORATION)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Constraint(88) (OT_CNSTR)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Exception(281) (OT_UML_EXCEPT)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Package(187) (OT_PACK)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Profile(300) (OT_UML_PROFILE)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Signal(280) (OT_UML_SIGNAL)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Stereotype(297) (OT_STEREOTYPE)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Subsystem(270) (OT_SUBSYS)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	imports	is imported(490) (CT_IMPORT)	UML Model(272) (OT_UML_MOD)	Unique
UML Model(272) (OT_UML_MOD)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
UML Model(272) (OT_UML_MOD)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
UML Model(272) (OT_UML_MOD)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Exception(281) (OT_UML_EXCEPT)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Subsystem(270) (OT_SUBSYS)	
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Exception(281) (OT_UML_EXCEPT)	Unique
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Signal(280) (OT_UML_SIGNAL)	Unique
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Subsystem(270) (OT_SUBSYS)	Unique
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Subsystem(270) (OT_SUBSYS)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Exception(281) (OT_UML_EXCEPT)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Subsystem(270) (OT_SUBSYS)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Use case instance(273) (OT_USECASE_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Use case instance(273) (OT_USECASE_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Use case instance(273) (OT_USECASE_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique

Table 13–231 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Use case instance(273) (OT_USECASE_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Use case instance(273) (OT_USECASE_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Use case instance(273) (OT_USECASE_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Use case instance(273) (OT_USECASE_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Use case instance(273) (OT_USECASE_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Use case instance(273) (OT_USECASE_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	

Assignment Relationships

Table 13–232 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Component(188) (OT_CMP)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Note(186) (OT_NOTE)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Person type(78) (OT_PERS_TYPE)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Rule(50) (OT_RULE)	Unique

13.2.98 UML Collaboration diagram

Table 13–233 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association class(264) (OT_ASSOC_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association class(264) (OT_ASSOC_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association instance(129) (OT_ASSOC_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association instance(129) (OT_ASSOC_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Object instance(94) (OT_OBJ_INST)	
Association role(275) (OT_ASSOC_ROLE)	associates classifier role	is associated to(535) (CT_ASSOC_CLSFIER)	Classifier role(276) (OT_CLS_ROLE)	
Association role(275) (OT_ASSOC_ROLE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association role(275) (OT_ASSOC_ROLE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Person type(78) (OT_PERS_TYPE)	
Classifier role(276) (OT_CLS_ROLE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Classifier role(276) (OT_CLS_ROLE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association class(264) (OT_ASSOC_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association instance(129) (OT_ASSOC_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association role(275) (OT_ASSOC_ROLE)	Unique

Table 13–233 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Attribute link(277) (OT_ATTR_LINK)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Classifier role(276) (OT_CLS_ROLE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Interaction instance set(292) (OT_INTERACT_INST_SET)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Link object(274) (OT_LINK_OBJ)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Association class(264) (OT_ASSOC_CLS)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Link object(274) (OT_LINK_OBJ)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Link object(274) (OT_LINK_OBJ)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Object instance(94) (OT_OBJ_INST)	

Table 13–233 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association instance(129) (OT_ASSOC_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association role(275) (OT_ASSOC_ROLE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Attribute link(277) (OT_ATTR_LINK)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Classifier role(276) (OT_CLS_ROLE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Interaction instance set(292) (OT_INTERACT_INST_SET)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Link object(274) (OT_LINK_OBJ)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Person type(78) (OT_PERS_TYPE)	
Person type(78) (OT_PERS_TYPE)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Class(90) (OT_CLS)	

Table 13–233 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Object instance(94) (OT_OBJ_INST)	
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association class(264) (OT_ASSOC_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association instance(129) (OT_ASSOC_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association role(275) (OT_ASSOC_ROLE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Classifier role(276) (OT_CLS_ROLE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Interaction instance set(292) (OT_INTERACT_INST_SET)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique

13.2.99 UML Component diagram

Table 13–234 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Artifact(289) (OT_ARTIFACT)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Artifact(289) (OT_ARTIFACT)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association class(264) (OT_ASSOC_CLS)	
Artifact(289) (OT_ARTIFACT)	generalizes	specializes(415) (CT_GENERAL)	Artifact(289) (OT_ARTIFACT)	Unique
Artifact(289) (OT_ARTIFACT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Artifact(289) (OT_ARTIFACT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Artifact(289) (OT_ARTIFACT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Artifact(289) (OT_ARTIFACT)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association(87) (OT_ASSOC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Signal(280) (OT_UML_SIGNAL)	
Association class(264) (OT_ASSOC_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association class(264) (OT_ASSOC_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association class(264) (OT_ASSOC_CLS)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	

Table 13-234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	has enumeration literal	is enumeration literal of(513) (CT_HAS_ENUM_LIT)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	

Table 13-234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Class(90) (OT_CLS)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	
Component(188) (OT_CMP)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association class(264) (OT_ASSOC_CLS)	
Component(188) (OT_CMP)	calls	is called by(426) (CT_CALLS)	Class(90) (OT_CLS)	Unique
Component(188) (OT_CMP)	contains	is contained by(421) (CT_CONTAINS)	Component(188) (OT_CMP)	Unique
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Component(188) (OT_CMP)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Component(188) (OT_CMP)	is implemented by	implements(366) (CT_IS_IMPL_BY)	Artifact(289) (OT_ARTIFACT)	Unique
Component(188) (OT_CMP)	is nested	nests(418) (CT_IS_NESTED)	Component(188) (OT_CMP)	Unique
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	

Table 13-234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Exception(281) (OT_UML_EXCEPT)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Signal(280) (OT_UML_SIGNAL)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Component(188) (OT_CMP)	supports	is supported(417) (CT_SUPPORTS)	Class(90) (OT_CLS)	Unique
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Component(188) (OT_CMP)	
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Artifact(289) (OT_ARTIFACT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association(87) (OT_ASSOC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Component(188) (OT_CMP)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Package(187) (OT_PACK)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Data value(98) (OT_DATA_VAL)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	

Table 13-234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Data value(98) (OT_DATA_VAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Data value(98) (OT_DATA_VAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Data value(98) (OT_DATA_VAL)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Data value(98) (OT_DATA_VAL)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Data value(98) (OT_DATA_VAL)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Data value(98) (OT_DATA_VAL)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Enumeration literal(266) (OT_ENUM_LIT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Exception(281) (OT_UML_EXCEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Exception(281) (OT_UML_EXCEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Exception(281) (OT_UML_EXCEPT)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Exception(281) (OT_UML_EXCEPT)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Exception(281) (OT_UML_EXCEPT)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Function(22) (OT_FUNC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Function(22) (OT_FUNC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	deploys	is deployed(555) (CT_DEPLOY)	Component(188) (OT_CMP)	Unique
Link object(274) (OT_LINK_OBJ)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Link object(274) (OT_LINK_OBJ)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Link object(274) (OT_LINK_OBJ)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Link object(274) (OT_LINK_OBJ)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	

Table 13–234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Link object(274) (OT_LINK_OBJ)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Link object(274) (OT_LINK_OBJ)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Link object(274) (OT_LINK_OBJ)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Link object(274) (OT_LINK_OBJ)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Artifact(289) (OT_ARTIFACT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Component(188) (OT_CMP)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Function(22) (OT_FUNC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Package(187) (OT_PACK)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Reception(282) (OT_UML_RECEPT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	

Table 13-234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Component(188) (OT_CMP)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Package(187) (OT_PACK)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Signal(280) (OT_UML_SIGNAL)	
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	

Table 13–234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Reception(282) (OT_UML_RECEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Reception(282) (OT_UML_RECEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Reception(282) (OT_UML_RECEPT)	raises	is raised by(542) (CT_RAISES)	Exception(281) (OT_UML_EXCEPT)	Unique
Reception(282) (OT_UML_RECEPT)	receives signal	sends signal(541) (CT_RECEIVES)	Exception(281) (OT_UML_EXCEPT)	Unique
Signal(280) (OT_UML_SIGNAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Signal(280) (OT_UML_SIGNAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Signal(280) (OT_UML_SIGNAL)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	Unique
Signal(280) (OT_UML_SIGNAL)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	Unique
Signal(280) (OT_UML_SIGNAL)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Artifact(289) (OT_ARTIFACT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association(87) (OT_ASSOC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association class(264) (OT_ASSOC_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Component(188) (OT_CMP)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Data value(98) (OT_DATA_VAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Enumeration literal(266) (OT_ENUM_LIT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Exception(281) (OT_UML_EXCEPT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Function(22) (OT_FUNC)	Unique

Table 13–234 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Package(187) (OT_PACK)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Reception(282) (OT_UML_RECEPT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Signal(280) (OT_UML_SIGNAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
UML Model(272) (OT_UML_MOD)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	

Assignment Relationships

Table 13–235 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Component(188) (OT_CMP)	contains	is contained by(421) (CT_CONTAINS)	Component(188) (OT_CMP)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Association(87) (OT_ASSOC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Component(188) (OT_CMP)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Note(186) (OT_NOTE)	Unique

Table 13–235 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Person type(78) (OT_PERS_TYPE)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Rule(50) (OT_RULE)	Unique

13.2.100 UML Deployment diagram

Table 13–236 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association(87) (OT_ASSOC)	has instance	is instance(419) (CT_HAS_INSTANCE)	Association instance(129) (OT_ASSOC_INST)	Unique
Association(87) (OT_ASSOC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association(87) (OT_ASSOC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique
Association(87) (OT_ASSOC)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Association(87) (OT_ASSOC)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association(87) (OT_ASSOC)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Association(87) (OT_ASSOC)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association class(264) (OT_ASSOC_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association class(264) (OT_ASSOC_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Association class(264) (OT_ASSOC_CLS)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association class(264) (OT_ASSOC_CLS)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Association class(264) (OT_ASSOC_CLS)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Component instance(290) (OT_COMP_INST)	
Association instance(129) (OT_ASSOC_INST)	depends	is depending(425) (CT_DEPENDS)	Hardware component(76) (OT_HW_CMP)	
Association instance(129) (OT_ASSOC_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association instance(129) (OT_ASSOC_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Component instance(290) (OT_COMP_INST)	
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Hardware component(76) (OT_HW_CMP)	
Association instance(129) (OT_ASSOC_INST)	is linked with	is linked with(424) (CT_IS_LINKED)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component instance(290) (OT_COMP_INST)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component(76) (OT_HW_CMP)	
Association instance(129) (OT_ASSOC_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Component instance(290) (OT_COMP_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Hardware component(76) (OT_HW_CMP)	Unique
Association instance(129) (OT_ASSOC_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Component instance(290) (OT_COMP_INST)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Hardware component(76) (OT_HW_CMP)	
Association instance(129) (OT_ASSOC_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Component instance(290) (OT_COMP_INST)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Hardware component(76) (OT_HW_CMP)	
Association instance(129) (OT_ASSOC_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Class(90) (OT_CLS)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	has instance	is instance(419) (CT_HAS_INSTANCE)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Class(90) (OT_CLS)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Class(90) (OT_CLS)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Class(90) (OT_CLS)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Class(90) (OT_CLS)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Component(188) (OT_CMP)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Class(90) (OT_CLS)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Component instance(290) (OT_COMP_INST)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has participating instance	participates(564) (CT_HAS_PART_INST)	Hardware component(76) (OT_HW_CMP)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Component(188) (OT_CMP)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association class(264) (OT_ASSOC_CLS)	
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Component(188) (OT_CMP)	generalizes	specializes(415) (CT_GENERAL)	Component(188) (OT_CMP)	Unique
Component(188) (OT_CMP)	has instance	is instance(419) (CT_HAS_INSTANCE)	Component instance(290) (OT_COMP_INST)	Unique
Component(188) (OT_CMP)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Component(188) (OT_CMP)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Component(188) (OT_CMP)	is implemented by	implements(366) (CT_IS_IMPL_BY)	Artifact(289) (OT_ARTIFACT)	Unique
Component(188) (OT_CMP)	is nested	nests(418) (CT_IS_NESTED)	Component(188) (OT_CMP)	Unique
Component(188) (OT_CMP)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Component(188) (OT_CMP)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Component(188) (OT_CMP)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Component(188) (OT_CMP)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Component(188) (OT_CMP)	
Component(188) (OT_CMP)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Component instance(290) (OT_COMP_INST)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Component instance(290) (OT_COMP_INST)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Component instance(290) (OT_COMP_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Component instance(290) (OT_COMP_INST)	depends	is depending(425) (CT_DEPENDS)	Component instance(290) (OT_COMP_INST)	
Component instance(290) (OT_COMP_INST)	depends	is depending(425) (CT_DEPENDS)	Hardware component(76) (OT_HW_CMP)	
Component instance(290) (OT_COMP_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Component instance(290) (OT_COMP_INST)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Component instance(290) (OT_COMP_INST)	Unique
Component instance(290) (OT_COMP_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Component instance(290) (OT_COMP_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Component instance(290) (OT_COMP_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Component instance(290) (OT_COMP_INST)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Component instance(290) (OT_COMP_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Component instance(290) (OT_COMP_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Component instance(290) (OT_COMP_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component instance(290) (OT_COMP_INST)	
Component instance(290) (OT_COMP_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component(76) (OT_HW_CMP)	
Component instance(290) (OT_COMP_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Component instance(290) (OT_COMP_INST)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Component instance(290) (OT_COMP_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Component instance(290) (OT_COMP_INST)	realizes	is realized by(458) (CT_REALIZES)	Component instance(290) (OT_COMP_INST)	Unique
Component instance(290) (OT_COMP_INST)	realizes	is realized by(458) (CT_REALIZES)	Hardware component(76) (OT_HW_CMP)	Unique
Component instance(290) (OT_COMP_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Component instance(290) (OT_COMP_INST)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Component instance(290) (OT_COMP_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Component instance(290) (OT_COMP_INST)	refines	is refined by(511) (CT_REFINES)	Component instance(290) (OT_COMP_INST)	
Component instance(290) (OT_COMP_INST)	refines	is refined by(511) (CT_REFINES)	Hardware component(76) (OT_HW_CMP)	
Component instance(290) (OT_COMP_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Component instance(290) (OT_COMP_INST)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Component instance(290) (OT_COMP_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Component instance(290) (OT_COMP_INST)	uses	is used by(360) (CT_USE_5)	Component instance(290) (OT_COMP_INST)	
Component instance(290) (OT_COMP_INST)	uses	is used by(360) (CT_USE_5)	Hardware component(76) (OT_HW_CMP)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Component instance(290) (OT_COMP_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association(87) (OT_ASSOC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association instance(129) (OT_ASSOC_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Component(188) (OT_CMP)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Component instance(290) (OT_COMP_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Hardware component(76) (OT_HW_CMP)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Function(22) (OT_FUNC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Hardware component(76) (OT_HW_CMP)	contains	is contained by(421) (CT_CONTAINS)	Component instance(290) (OT_COMP_INST)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component(76) (OT_HW_CMP)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Hardware component(76) (OT_HW_CMP)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Hardware component(76) (OT_HW_CMP)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Hardware component(76) (OT_HW_CMP)	depends	is depending(425) (CT_DEPENDS)	Component instance(290) (OT_COMP_INST)	
Hardware component(76) (OT_HW_CMP)	depends	is depending(425) (CT_DEPENDS)	Hardware component(76) (OT_HW_CMP)	
Hardware component(76) (OT_HW_CMP)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Hardware component(76) (OT_HW_CMP)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component(76) (OT_HW_CMP)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Hardware component(76) (OT_HW_CMP)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Hardware component(76) (OT_HW_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Hardware component(76) (OT_HW_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Hardware component(76) (OT_HW_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component instance(290) (OT_COMP_INST)	
Hardware component(76) (OT_HW_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component(76) (OT_HW_CMP)	
Hardware component(76) (OT_HW_CMP)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Hardware component(76) (OT_HW_CMP)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Hardware component(76) (OT_HW_CMP)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Hardware component(76) (OT_HW_CMP)	realizes	is realized by(458) (CT_REALIZES)	Component instance(290) (OT_COMP_INST)	Unique
Hardware component(76) (OT_HW_CMP)	realizes	is realized by(458) (CT_REALIZES)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component(76) (OT_HW_CMP)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique

Table 13-236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component(76) (OT_HW_CMP)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Hardware component(76) (OT_HW_CMP)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Hardware component(76) (OT_HW_CMP)	refines	is refined by(511) (CT_REFINES)	Component instance(290) (OT_COMP_INST)	
Hardware component(76) (OT_HW_CMP)	refines	is refined by(511) (CT_REFINES)	Hardware component(76) (OT_HW_CMP)	
Hardware component(76) (OT_HW_CMP)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Hardware component(76) (OT_HW_CMP)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Hardware component(76) (OT_HW_CMP)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Hardware component(76) (OT_HW_CMP)	uses	is used by(360) (CT_USE_5)	Component instance(290) (OT_COMP_INST)	
Hardware component(76) (OT_HW_CMP)	uses	is used by(360) (CT_USE_5)	Hardware component(76) (OT_HW_CMP)	
Hardware component(76) (OT_HW_CMP)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Hardware component type(24) (OT_HW_CMP_TYPE)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Hardware component type(24) (OT_HW_CMP_TYPE)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association class(264) (OT_ASSOC_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	Association(87) (OT_ASSOC)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	Association class(264) (OT_ASSOC_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	Component(188) (OT_CMP)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	Package(187) (OT_PACK)	
Hardware component type(24) (OT_HW_CMP_TYPE)	depends	is depending(425) (CT_DEPENDS)	UML Model(272) (OT_UML_MOD)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	deploys	is deployed(555) (CT_DEPLOY)	Component(188) (OT_CMP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	generalizes	specializes(415) (CT_GENERAL)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	has instance	is instance(419) (CT_HAS_INSTANCE)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	is nested	nests(418) (CT_IS_NESTED)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association(87) (OT_ASSOC)	
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association class(264) (OT_ASSOC_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component(188) (OT_CMP)	
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Package(187) (OT_PACK)	
Hardware component type(24) (OT_HW_CMP_TYPE)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	UML Model(272) (OT_UML_MOD)	
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Association(87) (OT_ASSOC)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Association class(264) (OT_ASSOC_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Component(188) (OT_CMP)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	Package(187) (OT_PACK)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	realizes	is realized by(458) (CT_REALIZES)	UML Model(272) (OT_UML_MOD)	Unique
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	Association(87) (OT_ASSOC)	
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	Association class(264) (OT_ASSOC_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	Package(187) (OT_PACK)	
Hardware component type(24) (OT_HW_CMP_TYPE)	refines	is refined by(511) (CT_REFINES)	UML Model(272) (OT_UML_MOD)	
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	Association(87) (OT_ASSOC)	
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	Association class(264) (OT_ASSOC_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	Component(188) (OT_CMP)	
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	Package(187) (OT_PACK)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Hardware component type(24) (OT_HW_CMP_TYPE)	uses	is used by(360) (CT_USE_5)	UML Model(272) (OT_UML_MOD)	
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association(87) (OT_ASSOC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association instance(129) (OT_ASSOC_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Component(188) (OT_CMP)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Component instance(290) (OT_COMP_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Hardware component(76) (OT_HW_CMP)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Component instance(290) (OT_COMP_INST)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Hardware component(76) (OT_HW_CMP)	
Object instance(94) (OT_OBJ_INST)	depends	is depending(425) (CT_DEPENDS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	is owned by	owns(525) (CT_IS_OWNED_BY)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Component instance(290) (OT_COMP_INST)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component(76) (OT_HW_CMP)	
Object instance(94) (OT_OBJ_INST)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Association instance(129) (OT_ASSOC_INST)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Component instance(290) (OT_COMP_INST)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Hardware component(76) (OT_HW_CMP)	Unique
Object instance(94) (OT_OBJ_INST)	realizes	is realized by(458) (CT_REALIZES)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Component instance(290) (OT_COMP_INST)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Hardware component(76) (OT_HW_CMP)	
Object instance(94) (OT_OBJ_INST)	refines	is refined by(511) (CT_REFINES)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	resides in	contains(554) (CT_RESIDES)	Component(188) (OT_CMP)	Unique
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Association instance(129) (OT_ASSOC_INST)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Class(90) (OT_CLS)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Component instance(290) (OT_COMP_INST)	

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Hardware component(76) (OT_HW_CMP)	
Object instance(94) (OT_OBJ_INST)	uses	is used by(360) (CT_USE_5)	Object instance(94) (OT_OBJ_INST)	
Package(187) (OT_PACK)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Package(187) (OT_PACK)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Package(187) (OT_PACK)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Package(187) (OT_PACK)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Package(187) (OT_PACK)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
Package(187) (OT_PACK)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Package(187) (OT_PACK)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	
Reception(282) (OT_UML_RECEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Reception(282) (OT_UML_RECEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association(87) (OT_ASSOC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association class(264) (OT_ASSOC_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association instance(129) (OT_ASSOC_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Component(188) (OT_CMP)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Component instance(290) (OT_COMP_INST)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Function(22) (OT_FUNC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Hardware component(76) (OT_HW_CMP)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Package(187) (OT_PACK)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Reception(282) (OT_UML_RECEPT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	depends	is depending(425) (CT_DEPENDS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
UML Model(272) (OT_UML_MOD)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
UML Model(272) (OT_UML_MOD)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
UML Model(272) (OT_UML_MOD)	permits access	access is permitted by(536) (CT_PERM_ACCESS)	Hardware component type(24) (OT_HW_CMP_TYPE)	
UML Model(272) (OT_UML_MOD)	realizes	is realized by(458) (CT_REALIZES)	Hardware component type(24) (OT_HW_CMP_TYPE)	Unique

Table 13–236 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Component(188) (OT_CMP)	
UML Model(272) (OT_UML_MOD)	refines	is refined by(511) (CT_REFINES)	Hardware component type(24) (OT_HW_CMP_TYPE)	
UML Model(272) (OT_UML_MOD)	uses	is used by(360) (CT_USE_5)	Hardware component type(24) (OT_HW_CMP_TYPE)	

13.2.101 UML Sequence diagram

Table 13–237 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Action(284) (OT_ACTION)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Action(284) (OT_ACTION)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association instance(129) (OT_ASSOC_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association instance(129) (OT_ASSOC_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association role(275) (OT_ASSOC_ROLE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association role(275) (OT_ASSOC_ROLE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier role(276) (OT_CLS_ROLE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Classifier role(276) (OT_CLS_ROLE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier role(276) (OT_CLS_ROLE)	sends message	receives message(556) (CT_SENDS_MESSAGE)	Classifier role(276) (OT_CLS_ROLE)	
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Collaboration instance set(291) (OT_COLLAB_INST_SET)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Classifier role(276) (OT_CLS_ROLE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Interaction instance set(292) (OT_INTERACT_INST_SET)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Link object(274) (OT_LINK_OBJ)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Object instance(94) (OT_OBJ_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13-237 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Data value(98) (OT_DATA_VAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Data value(98) (OT_DATA_VAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Data value(98) (OT_DATA_VAL)	realizes	is realized by(458) (CT_REALIZES)	Link object(274) (OT_LINK_OBJ)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Hardware component(76) (OT_HW_CMP)	has activation bar	is activation bar of(569) (CT_HAS_ACTIVATION_BAR)	Hardware component(76) (OT_HW_CMP)	Unique
Hardware component(76) (OT_HW_CMP)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Hardware component(76) (OT_HW_CMP)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Interaction instance set(292) (OT_INTERACT_INST_SET)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Link object(274) (OT_LINK_OBJ)	has activation bar	is activation bar of(569) (CT_HAS_ACTIVATION_BAR)	Link object(274) (OT_LINK_OBJ)	Unique
Link object(274) (OT_LINK_OBJ)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Link object(274) (OT_LINK_OBJ)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Link object(274) (OT_LINK_OBJ)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Link object(274) (OT_LINK_OBJ)	
Link object(274) (OT_LINK_OBJ)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Object instance(94) (OT_OBJ_INST)	
Link object(274) (OT_LINK_OBJ)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Subsystem instance(271) (OT_SUBSYS_INST)	
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Hardware component(76) (OT_HW_CMP)	

Table 13–237 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Link object(274) (OT_LINK_OBJ)	is linked with	is linked with(424) (CT_IS_LINKED)	Subsystem instance(271) (OT_SUBSYS_INST)	
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Classifier role(276) (OT_CLS_ROLE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Interaction instance set(292) (OT_INTERACT_INST_SET)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Link object(274) (OT_LINK_OBJ)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	has activation bar	is activation bar of(569) (CT_HAS_ACTIVATION_BAR)	Object instance(94) (OT_OBJ_INST)	Unique
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Link object(274) (OT_LINK_OBJ)	
Object instance(94) (OT_OBJ_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Object instance(94) (OT_OBJ_INST)	
Object instance(94) (OT_OBJ_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Subsystem instance(271) (OT_SUBSYS_INST)	
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	has activation bar	is activation bar of(569) (CT_HAS_ACTIVATION_BAR)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–237 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Subsystem instance(271) (OT_SUBSYS_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Subsystem instance(271) (OT_SUBSYS_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Link object(274) (OT_LINK_OBJ)	
Subsystem instance(271) (OT_SUBSYS_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Object instance(94) (OT_OBJ_INST)	
Subsystem instance(271) (OT_SUBSYS_INST)	interacts with	has interaction from(460) (CT_INTERACTS_WITH)	Subsystem instance(271) (OT_SUBSYS_INST)	
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Action(284) (OT_ACTION)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association instance(129) (OT_ASSOC_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association role(275) (OT_ASSOC_ROLE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Classifier role(276) (OT_CLS_ROLE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Collaboration instance set(291) (OT_COLLAB_INST_SET)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Data value(98) (OT_DATA_VAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Hardware component(76) (OT_HW_CMP)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Interaction instance set(292) (OT_INTERACT_INST_SET)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Subsystem instance(271) (OT_SUBSYS_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Use case instance(273) (OT_USECASE_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique

Table 13–237 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Use case instance(273) (OT_USECASE_INST)	has activation bar	is activation bar of(569) (CT_HAS_ACTIVATION_BAR)	Use case instance(273) (OT_USECASE_INST)	Unique
Use case instance(273) (OT_USECASE_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Use case instance(273) (OT_USECASE_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique

13.2.102 UML Statechart diagram

Table 13–238 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Action(284) (OT_ACTION)	calls	is called by(426) (CT_CALLS)	Function(22) (OT_FUNC)	Unique
Action(284) (OT_ACTION)	contains	is contained by(421) (CT_CONTAINS)	Action(284) (OT_ACTION)	Unique
Action(284) (OT_ACTION)	has argument	is argument of(534) (CT_HAS_ARGU)	Argument(285) (OT_ARGUM)	Unique
Action(284) (OT_ACTION)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Action(284) (OT_ACTION)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Action(284) (OT_ACTION)	instantiate	is instantiated by(445) (CT_IS_INSTANCIAL)	Class(90) (OT_CLS)	Unique
Action(284) (OT_ACTION)	sends signal	has been sent(545) (CT_SENDS_SIG)	Exception(281) (OT_UML_EXCEPT)	Unique
Action(284) (OT_ACTION)	sends signal	has been sent(545) (CT_SENDS_SIG)	Signal(280) (OT_UML_SIGNAL)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Class(90) (OT_CLS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	generalizes	specializes(415) (CT_GENERAL)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique

Table 13-238 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Classifier-in-state(283) (OT_CLS_IN_STATE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is in state	has been put in state(543) (CT_IS_IN_STATE)	Function(22) (OT_FUNC)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is in state	has been put in state(543) (CT_IS_IN_STATE)	Product/Service(153) (OT_PERF)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Classifier-in-state(283) (OT_CLS_IN_STATE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Action(284) (OT_ACTION)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Argument(285) (OT_ARGUM)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Event(18) (OT_EVT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Function(22) (OT_FUNC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Parameter(184) (OT_PARA)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Product/Service(153) (OT_PERF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Rule(50) (OT_RULE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Signal(280) (OT_UML_SIGNAL)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	State machine(279) (OT_STATE_MACH)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–238 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
ERM attribute(19) (OT_ERM_ATTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Event(18) (OT_EVT)	calls	is called by(426) (CT_CALLS)	Function(22) (OT_FUNC)	Unique
Event(18) (OT_EVT)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT_PARA)	Unique
Event(18) (OT_EVT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Event(18) (OT_EVT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Event(18) (OT_EVT)	receives signal	sends signal(541) (CT_RECEIVES)	Exception(281) (OT_UML_EXCEPT)	Unique
Event(18) (OT_EVT)	receives signal	sends signal(541) (CT_RECEIVES)	Signal(280) (OT_UML_SIGNAL)	Unique
Function(22) (OT_FUNC)	defers	is deferred(550) (CT_DEFERS)	Event(18) (OT_EVT)	Unique
Function(22) (OT_FUNC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Function(22) (OT_FUNC)	has submachine	is submachine of(538) (CT_HAS_SUBMACH)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Function(22) (OT_FUNC)	has submachine	is submachine of(538) (CT_HAS_SUBMACH)	State machine(279) (OT_STATE_MACH)	Unique
Function(22) (OT_FUNC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	is substate	has substate(200) (CT_IS_SUBST)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is substate	has substate(200) (CT_IS_SUBST)	Product/Service(153) (OT_PERF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Action(284) (OT_ACTION)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Argument(285) (OT_ARGUM)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Event(18) (OT_EVT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Function(22) (OT_FUNC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Parameter(184) (OT_PARA)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Product/Service(153) (OT_PERF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Rule(50) (OT_RULE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Signal(280) (OT_UML_SIGNAL)	Unique

Table 13–238 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	State machine(279) (OT_STATE_MACH)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Package(187) (OT_PACK)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Package(187) (OT_PACK)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Parameter(184) (OT_PARA)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Parameter(184) (OT_PARA)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Product/Service(153) (OT_PERF)	defers	is deferred(550) (CT_DEFERS)	Event(18) (OT_EVT)	Unique
Product/Service(153) (OT_PERF)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Product/Service(153) (OT_PERF)	has submachine	is submachine of(538) (CT_HAS_SUBMACH)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Product/Service(153) (OT_PERF)	has submachine	is submachine of(538) (CT_HAS_SUBMACH)	State machine(279) (OT_STATE_MACH)	Unique
Product/Service(153) (OT_PERF)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Product/Service(153) (OT_PERF)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Product/Service(153) (OT_PERF)	
Product/Service(153) (OT_PERF)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Rule(50) (OT_RULE)	
Product/Service(153) (OT_PERF)	is substate	has substate(200) (CT_IS_SUBST)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is substate	has substate(200) (CT_IS_SUBST)	Product/Service(153) (OT_PERF)	Unique
Product/Service(153) (OT_PERF)	performs on entry	is performed on entry(546) (CT_PERF_ENTRY)	Action(284) (OT_ACTION)	Unique
Product/Service(153) (OT_PERF)	performs on exit	is performed on exit(547) (CT_PERF_EXIT)	Action(284) (OT_ACTION)	Unique
Product/Service(153) (OT_PERF)	performs while in state	is performed while in state(548) (CT_PERF_STATE)	Action(284) (OT_ACTION)	Unique
Reception(282) (OT_UML_RECEPT)	receives signal	sends signal(541) (CT_RECEIVES)	Exception(281) (OT_UML_EXCEPT)	Unique

Table 13–238 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Rule(50) (OT_RULE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Rule(50) (OT_RULE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Rule(50) (OT_RULE)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Product/Service(153) (OT_PERF)	
Rule(50) (OT_RULE)	has transition to	has transition from(459) (CT_HAS_TRANSITION)	Rule(50) (OT_RULE)	
Rule(50) (OT_RULE)	is substate	has substate(200) (CT_IS_SUBST)	Function(22) (OT_FUNC)	Unique
Rule(50) (OT_RULE)	is substate	has substate(200) (CT_IS_SUBST)	Product/Service(153) (OT_PERF)	Unique
Signal(280) (OT_UML_SIGNAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Signal(280) (OT_UML_SIGNAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
State machine(279) (OT_STATE_MACH)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
State machine(279) (OT_STATE_MACH)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
State machine(279) (OT_STATE_MACH)	has top state	is top state of(540) (CT_HAS_TOPSTATE)	Product/Service(153) (OT_PERF)	Unique
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Action(284) (OT_ACTION)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Classifier-in-state(283) (OT_CLS_IN_STATE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Event(18) (OT_EVT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Function(22) (OT_FUNC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Parameter(184) (OT_PARA)	Unique

Table 13–238 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Product/Service(153) (OT_PERF)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Rule(50) (OT_RULE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Signal(280) (OT_UML_SIGNAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	State machine(279) (OT_STATE_MACH)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
UML Model(272) (OT_UML_MOD)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique

Assignment Relationships

Table 13–239 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Product/Service(153) (OT_PERF)	is substate	has substate(200) (CT_IS_SUBST)	Product/Service(153) (OT_PERF)	Unique

13.2.103 UML Use case diagram**Table 13–240 Source Object Type**

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Activity graph(287) (OT_ACT_GRAPH)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Activity graph(287) (OT_ACT_GRAPH)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Activity graph(287) (OT_ACT_GRAPH)	is nested	nests(418) (CT_IS_NESTED)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Application system type(6) (OT_APPL_SYS_TYPE)	communicates with	communicates with(427) (CT_COMM_WITH)	Function(22) (OT_FUNC)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	generalizes	specializes(415) (CT_GENERAL)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Application system type(6) (OT_APPL_SYS_TYPE)	refines	is refined by(511) (CT_REFINES)	Application system type(6) (OT_APPL_SYS_TYPE)	
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Association(87) (OT_ASSOC)	generalizes	specializes(415) (CT_GENERAL)	Association(87) (OT_ASSOC)	Unique
Association(87) (OT_ASSOC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Association(87) (OT_ASSOC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Association(87) (OT_ASSOC)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Attribute link(277) (OT_ATTR_LINK)	has value	is value of(533) (CT_HAS_VALUE)	Data value(98) (OT_DATA_VAL)	Unique
Attribute link(277) (OT_ATTR_LINK)	has value	is value of(533) (CT_HAS_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Attribute link(277) (OT_ATTR_LINK)	has value	is value of(533) (CT_HAS_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Attribute link(277) (OT_ATTR_LINK)	originates from	is origin of(532) (CT_ORIG)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Class(90) (OT_CLS)	associates	is associated(416) (CT_ASSOCIA)	Class(90) (OT_CLS)	
Class(90) (OT_CLS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Class(90) (OT_CLS)	generalizes	specializes(415) (CT_GENERAL)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Class(90) (OT_CLS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Class(90) (OT_CLS)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Association(87) (OT_ASSOC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Extension point(265) (OT_EXT_PT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Function(22) (OT_FUNC)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Group(128) (OT_GRP)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Package(187) (OT_PACK)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Person(46) (OT_PERS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Person type(78) (OT_PERS_TYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Position(45) (OT_POS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Subsystem(270) (OT_SUBSYS)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tag definition(298) (OT_TAG_DEF)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	UML Model(272) (OT_UML_MOD)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Constraint(88) (OT_CNSTR)	concerns	is concerned by(192) (CT_CONC)	Use case instance(273) (OT_USECASE_INST)	Unique
Constraint(88) (OT_CNSTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Constraint(88) (OT_CNSTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Constraint(88) (OT_CNSTR)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Data value(98) (OT_DATA_VAL)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Data value(98) (OT_DATA_VAL)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Enumeration literal(266) (OT_ENUM_LIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
ERM attribute(19) (OT_ERM_ATTR)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Extension point(265) (OT_EXT_PT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Extension point(265) (OT_EXT_PT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Function(22) (OT_FUNC)	extend	is extended(489) (CT_EXTEND)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	generalizes	specializes(415) (CT_GENERAL)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Function(22) (OT_FUNC)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	State machine(279) (OT_STATE_MACH)	Unique
Function(22) (OT_FUNC)	has extension point	is extension point of(512) (CT_HAS_EXT_PT)	Extension point(265) (OT_EXT_PT)	Unique
Function(22) (OT_FUNC)	has instance	is instance(419) (CT_HAS_INSTANCE)	Use case instance(273) (OT_USECASE_INST)	Unique
Function(22) (OT_FUNC)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Function(22) (OT_FUNC)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Function(22) (OT_FUNC)	has parameter	is parameter of(510) (CT_HAS_PARA)	Parameter(184) (OT_PARA)	Unique
Function(22) (OT_FUNC)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Function(22) (OT_FUNC)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Function(22) (OT_FUNC)	include	is included(488) (CT_INCLUDE)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is nested	nests(418) (CT_IS_NESTED)	Association class(264) (OT_ASSOC_CLS)	Unique
Function(22) (OT_FUNC)	is nested	nests(418) (CT_IS_NESTED)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Function(22) (OT_FUNC)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Function(22) (OT_FUNC)	realizes	is realized by(458) (CT_REALIZES)	Class(90) (OT_CLS)	Unique
Function(22) (OT_FUNC)	refines	is refined by(511) (CT_REFINES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	communicates with	communicates with(427) (CT_COMM_WITH)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	generalizes	specializes(415) (CT_GENERAL)	Group(128) (OT_GRP)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Group(128) (OT_GRP)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Group(128) (OT_GRP)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	refines	is refined by(511) (CT_REFINES)	Group(128) (OT_GRP)	
Link object(274) (OT_LINK_OBJ)	has slot	is slot of(530) (CT_HAS_SLOT)	Attribute link(277) (OT_ATTR_LINK)	Unique
Link object(274) (OT_LINK_OBJ)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Link object(274) (OT_LINK_OBJ)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Association(87) (OT_ASSOC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Class(90) (OT_CLS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Constraint(88) (OT_CNSTR)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Extension point(265) (OT_EXT_PT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Function(22) (OT_FUNC)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Group(128) (OT_GRP)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Object instance(94) (OT_OBJ_INST)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Package(187) (OT_PACK)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Person(46) (OT_PERS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Person type(78) (OT_PERS_TYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Position(45) (OT_POS)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Subsystem(270) (OT_SUBSYS)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tag definition(298) (OT_TAG_DEF)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Tagged value(299) (OT_TAG_VALUE)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	UML Model(272) (OT_UML_MOD)	Unique
Note(186) (OT_NOTE)	belongs to	belongs to(423) (CT_BELONGS)	Use case instance(273) (OT_USECASE_INST)	Unique
Note(186) (OT_NOTE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Note(186) (OT_NOTE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Object instance(94) (OT_OBJ_INST)	has slot	is slot of(530) (CT_HAS_SLOT)	Attribute link(277) (OT_ATTR_LINK)	Unique
Object instance(94) (OT_OBJ_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Object instance(94) (OT_OBJ_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	communicates with	communicates with(427) (CT_COMM_WITH)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	generalizes	specializes(415) (CT_GENERAL)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Organizational unit(43) (OT_ORG_UNIT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_BE_INFO_AB_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	refines	is refined by(511) (CT_REFINES)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Person type(78) (OT_PERS_TYPE)	Unique
Package(187) (OT_PACK)	has behavior	is behavior of(544) (CT_HAS_BEHAV)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Package(187) (OT_PACK)	has stereotype	is stereotype of(576) (CT_HAS_STEREO_1)	Stereotype(297) (OT_STEREO_1)	Unique
Package(187) (OT_PACK)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Parameter(184) (OT_PARA)	has stereotype	is stereotype of(576) (CT_HAS_STEREO_1)	Stereotype(297) (OT_STEREO_1)	Unique
Parameter(184) (OT_PARA)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Parameter(184) (OT_PARA)	has type	is type of(508) (CT_IS_TYPE_OF)	Class(90) (OT_CLS)	Unique
Person(46) (OT_PERS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person(46) (OT_PERS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Person(46) (OT_PERS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	communicates with	communicates with(427) (CT_COMM_WITH)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	generalizes	specializes(415) (CT_GENERAL)	Person(46) (OT_PERS)	Unique
Person(46) (OT_PERS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person(46) (OT_PERS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Person(46) (OT_PERS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Person(46) (OT_PERS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Person(46) (OT_PERS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Person(46) (OT_PERS)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Person(46) (OT_PERS)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Person(46) (OT_PERS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Person(46) (OT_PERS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Person(46) (OT_PERS)	refines	is refined by(511) (CT_REFINES)	Person(46) (OT_PERS)	
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	communicates with	communicates with(427) (CT_COMM_WITH)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	generalizes	specializes(415) (CT_GENERAL)	Person type(78) (OT_PERS_TYPE)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Person type(78) (OT_PERS_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Person type(78) (OT_PERS_TYPE)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Person type(78) (OT_PERS_TYPE)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is nested	nests(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Person type(78) (OT_PERS_TYPE)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Person type(78) (OT_PERS_TYPE)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	refines	is refined by(511) (CT_REFINES)	Person type(78) (OT_PERS_TYPE)	
Position(45) (OT_POS)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Position(45) (OT_POS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULT)	Association(87) (OT_ASSOC)	
Position(45) (OT_POS)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	communicates with	communicates with(427) (CT_COMM_WITH)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	generalizes	specializes(415) (CT_GENERAL)	Position(45) (OT_POS)	Unique
Position(45) (OT_POS)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	has member	is member of(420) (CT_HAS_MEMBER)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Position(45) (OT_POS)	has member	is member of(420) (CT_HAS_MEMBER)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	has member	is member of(420) (CT_HAS_MEMBER)	Reception(282) (OT_UML_RECEPT)	Unique
Position(45) (OT_POS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Position(45) (OT_POS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Position(45) (OT_POS)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	is nested	nest(418) (CT_IS_NESTED)	Package(187) (OT_PACK)	Unique
Position(45) (OT_POS)	is nested	nest(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Position(45) (OT_POS)	is nested	nest(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Position(45) (OT_POS)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Position(45) (OT_POS)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_1)	Function(22) (OT_FUNC)	Unique
Position(45) (OT_POS)	refines	is refined by(511) (CT_REFINES)	Position(45) (OT_POS)	

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Reception(282) (OT_UML_RECEPT)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Reception(282) (OT_UML_RECEPT)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
State machine(279) (OT_STATE_MACH)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
State machine(279) (OT_STATE_MACH)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
State machine(279) (OT_STATE_MACH)	is nested	nests(418) (CT_IS_NESTED)	Function(22) (OT_FUNC)	Unique
Stereotype(297) (OT_STEREOTYPE)	generalizes	specializes(415) (CT_GENERAL)	Stereotype(297) (OT_STEREOTYPE)	Unique
Stereotype(297) (OT_STEREOTYPE)	has tag definition	is tag definition of(577) (CT_HAS_TAG_DEF)	Tag definition(298) (OT_TAG_DEF)	Unique
Subsystem(270) (OT_SUBSYS)	associates (multiple)	is associated by (multiple)(456) (CT_ASSOCIATES_MULTI)	Association(87) (OT_ASSOC)	
Subsystem(270) (OT_SUBSYS)	generalizes	specializes(415) (CT_GENERAL)	Subsystem(270) (OT_SUBSYS)	Unique
Subsystem(270) (OT_SUBSYS)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Subsystem(270) (OT_SUBSYS)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
Subsystem(270) (OT_SUBSYS)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
Subsystem(270) (OT_SUBSYS)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Activity graph(287) (OT_ACT_GRAPH)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Application system type(6) (OT_APPL_SYS_TYPE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Association(87) (OT_ASSOC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Class(90) (OT_CLS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Constraint(88) (OT_CNSTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Data value(98) (OT_DATA_VAL)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Extension point(265) (OT_EXT_PT)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Function(22) (OT_FUNC)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Group(128) (OT_GRP)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Link object(274) (OT_LINK_OBJ)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Note(186) (OT_NOTE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Object instance(94) (OT_OBJ_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Package(187) (OT_PACK)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Parameter(184) (OT_PARA)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Person(46) (OT_PERS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Person type(78) (OT_PERS_TYPE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Position(45) (OT_POS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Reception(282) (OT_UML_RECEPT)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	State machine(279) (OT_STATE_MACH)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Subsystem(270) (OT_SUBSYS)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Tagged value(299) (OT_TAG_VALUE)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	UML Model(272) (OT_UML_MOD)	Unique
Tagged value(299) (OT_TAG_VALUE)	has reference value	is reference value of(581) (CT_HAS_REFERENCE_VALUE)	Use case instance(273) (OT_USECASE_INST)	Unique
Tagged value(299) (OT_TAG_VALUE)	has type	is type of(508) (CT_IS_TYPE_OF)	Tag definition(298) (OT_TAG_DEF)	Unique
UML Model(272) (OT_UML_MOD)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique

Table 13–240 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
UML Model(272) (OT_UML_MOD)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique
UML Model(272) (OT_UML_MOD)	is nested	nests(418) (CT_IS_NESTED)	Subsystem(270) (OT_SUBSYS)	Unique
UML Model(272) (OT_UML_MOD)	is nested	nests(418) (CT_IS_NESTED)	UML Model(272) (OT_UML_MOD)	Unique
Use case instance(273) (OT_USECASE_INST)	has flow to	receives flow from(526) (CT_HAS_FLOW_TO)	Use case instance(273) (OT_USECASE_INST)	Unique
Use case instance(273) (OT_USECASE_INST)	has slot	is slot of(530) (CT_HAS_SLOT)	Attribute link(277) (OT_ATTR_LINK)	Unique
Use case instance(273) (OT_USECASE_INST)	has stereotype	is stereotype of(576) (CT_HAS_STEREOTYPE)	Stereotype(297) (OT_STEREOTYPE)	Unique
Use case instance(273) (OT_USECASE_INST)	has tagged value	is tagged value of(578) (CT_HAS_TAG_VAL)	Tagged value(299) (OT_TAG_VALUE)	Unique

Assignment Relationships

Table 13–241 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Association(87) (OT_ASSOC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Class(90) (OT_CLS)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Component(188) (OT_CMP)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	ERM attribute(19) (OT_ERM_ATTR)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Note(186) (OT_NOTE)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Object instance(94) (OT_OBJ_INST)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Organizational unit(43) (OT_ORG_UNIT)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Package(187) (OT_PACK)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Person type(78) (OT_PERS_TYPE)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Rule(50) (OT_RULE)	Unique

13.2.104 Value-added chain diagram

Table 13–242 Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Application system type(6) (OT_APPL_SYS_TYPE)	supports	is supported by(221) (CT_CAN_SUPP_1)	Function(22) (OT_FUNC)	Unique
Cluster/Data model(14) (OT_CLST)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Cluster/Data model(14) (OT_CLST)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Package(187) (OT_PACK)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	has output of	is output of(50) (CT_HAS_OUT)	Technical term(58) (OT_TECH_TRM)	Unique
Function(22) (OT_FUNC)	is carried out at	is controlled by(628) (CT_IS_PERFORMED_AT)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is measured by	measures(486) (CT_MEASURED_BY)	KPI instance(244) (OT_KPI)	Unique
Function(22) (OT_FUNC)	is predecessor of	follows(118) (CT_IS_PREDEC_OF_1)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	is process-oriented superior	is process-oriented subordinate(39) (CT_IS_PRCS_ORNT_SUPER)	Function(22) (OT_FUNC)	Unique
Function(22) (OT_FUNC)	produces	is produced by(442) (CT_PROUCES)	Product/Service(153) (OT_PERF)	Unique
Function(22) (OT_FUNC)	supports	is supported by(147) (CT_SUPP_3)	Objective(86) (OT_OBJECTIVE)	Unique
Group(128) (OT_GRP)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Group(128) (OT_GRP)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_1)	Function(22) (OT_FUNC)	Unique

Table 13–242 (Cont.) Source Object Type

Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Group(128) (OT_GRP)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Group(128) (OT_GRP)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	carries out	is carried out by(65) (CT_EXEC_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	contributes to	is worked on by collaboration of(233) (CT_CONTR_TO_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	decides on	is decided by(232) (CT_DECID_ON)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	has consulting role in	is supported by consulting role of(355) (CT_HAS_CONSLT_ROLE_IN_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is IT responsible for	is under IT responsibility of(148) (CT_IS_DP_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	is technically responsible for	is under technical responsibility of(10) (CT_IS_TECH_RESP_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed about	result is forwarded to(266) (CT_MUST_BE_INFO_AB_T_1)	Function(22) (OT_FUNC)	Unique
Organizational unit(43) (OT_ORG_UNIT)	must be informed on cancellation	sends information on cancellation to(316) (CT_MUST_BE_INFO_ON_CNC_1)	Function(22) (OT_FUNC)	
Organizational unit(43) (OT_ORG_UNIT)	must inform about result of	result is forwarded by(255) (CT_MUST_INFO_AB_T_RES)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Organizational unit type(44) (OT_ORG_UNIT_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	contains	is contained by(421) (CT_CONTAINS)	Function(22) (OT_FUNC)	Unique
Package(187) (OT_PACK)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	accepts	is accepted by(435) (CT_AGREES)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	carries out	is carried out by(218) (CT_EXEC_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	contributes to	is worked on by collaboration of(324) (CT_CONTR_TO_2)	Function(22) (OT_FUNC)	Unique

Table 13–242 (Cont.) Source Object Type


Source Object Type	Relationship Type (active)	Relationship Type (passive)	Target Object Type	Possible Number of Connections
Person type(78) (OT_PERS_TYPE)	decides on	is decided by(323) (CT_DECD_ON)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	has consulting role in	is supported by consulting role of(358) (CT_HAS_CONSLT_ROLE_IN_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is IT responsible for	is under IT responsibility of(219) (CT_IS_DP_RESP_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	is technically responsible for	is under technical responsibility of(220) (CT_IS_TECH_RESP_3)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed about	result is forwarded to(326) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Person type(78) (OT_PERS_TYPE)	must be informed on cancellation	sends information on cancellation to(352) (CT_MUST_BE_INFO_ON_CNC_2)	Function(22) (OT_FUNC)	
Person type(78) (OT_PERS_TYPE)	must inform about result of	result is forwarded by(325) (CT_MUST_BE_INFO_AB_2)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is consumed by	consumes(443) (CT_IS_USED_BY_1)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique
Product/Service(153) (OT_PERF)	is used by	uses(441) (CT_IS_USED_BY)	Function(22) (OT_FUNC)	Unique
Risk(159) (OT_RISK)	occurs at	has(507) (CT_OCCUR)	Function(22) (OT_FUNC)	Unique
Technical term(58) (OT_TECH_TRM)	is input for	has input of(49) (CT_IS_INP_FOR)	Function(22) (OT_FUNC)	Unique

13.3 ARIS Object Types

13.3.1 Object Types


Action

Table 13–243 Definition

Definition	Specifies an executable expression which leads to a change in the model state. Actions can be realized by sending a message to an object, changing an attribute value of an object or changing a relationship between instances.
Symbol(s)	

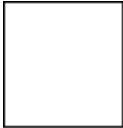
Activity graph

Table 13–244 Definition

Definition	Represents a specialization of the state machine serving to visualize control and object flows in the form of an activity diagram.
Symbol(s)	





Actor

Table 13–245 Definition

Definition	An actor is an object which activates the data flowchart by creating or consuming data values. It thus represents the source or sink of the data flow and is bound to its input and output.
Symbol(s)	

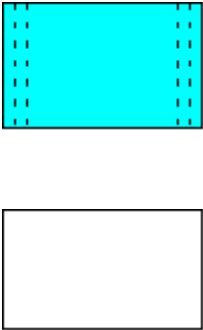
Application system

Table 13–246 Definition

Definition	An application system is one specimen of an application system type. A single application system can be identified by its license number, for example. A company may have several application systems (several licenses) of one application system type.
Symbol(s)	   

Application system class

Table 13–247 Definition

Definition	Similar application system types can be combined to form one application system class. The similarity can be defined regarding different classification criteria. In other words, one application system type can also be assigned to several application system classes.
Symbol(s)	

Application system type

Table 13–248 Definition


Definition	An application system type represents the typification of individual application systems which have exactly the same technological properties.
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Symbol(s)




Argument

Table 13–249 Definition

Definition	Describes how a parameter value for a call of the action can be determined.
Symbol(s)	


Artifact

Table 13–250 Definition

Definition	An artifact represents a physical unit which is required or created during the software development process. Examples for artifacts are source texts, programs and libraries.
Symbol(s)	


Association

Table 13–251 Definition

Definition	An association is a group of links that are equal according to their structure and semantics.
Symbol(s)	


Association class

Table 13–252 Definition

Definition	Represents an Association that has the properties of a Class.
Symbol(s)	


Association instance

Table 13–253 Definition

Definition	An association instance is an instance of an association. It represents links between object instances.
Symbol(s)	

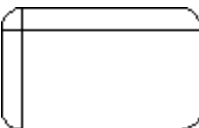
Association role

Table 13–254 *Definition*

Definition	An association role is a role a participant assumes in a collaboration. It is a restricted view on the underlying association which only contains those characteristics of this association that are required within the scope of the collaboration. The association to the collaboration is realized via the ElementOwnership relationship.
Symbol(s)	


Attribute

Table 13–255 *Definition*

Definition	In the relations diagram, relations and attributes are used to describe logical database schemas. An attribute describes here a property of a relation. The relation is a subset of the Cartesian product of the attribute value range.
Symbol(s)	

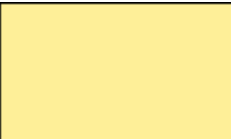
Attribute link

Table 13–256 *Definition*

Definition	Placeholder in an instance for the entry of an attribute value.
Symbol(s)	



Attribute type

Table 13–257 *Definition*

Definition	Describes a characteristic of the item described and specifies the data type and the default value of the attribute value.
Symbol(s)	


Attribute type group

Table 13–258 Definition

Definition	An attribute type group represents a group of ERM attributes of one entity type which are closely related in terms of semantics. This allows, for example, to group the ERM attributes of an entity type which form a secondary key to an attribute type group.
Symbol(s)	 

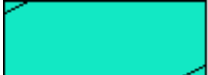
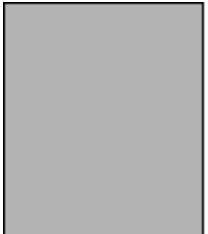
Authorization condition

Table 13–259 Definition

Definition	The Authorization condition object type can, for example, be found in the EPC or PCD. It defines prerequisites that restrict the organizational units' ability to act. This means that the authorities of a person when accessing a function are specified by various conditions.
Symbol(s)	


Bitmap

Table 13–260 Definition

Definition	The Bitmap object type points to graphics that are integrated into the current screen. The name of the object should be chosen to provide some idea of the nature of the bitmap. The path to the desired bitmap is specified in the Bitmap path attribute.
Symbol(s)	 


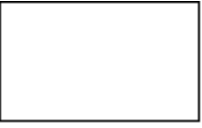
Break

Table 13–261 Definition

Definition	Breaks are shift calendar object types that define the time within a shift when work is not being performed. The beginning and end times of the breaks must lie within the defined shift.
Symbol(s)	



Business object

Table 13–262 Definition

Definition	A business object is a complex object which can be parameterized in order to support different business processes.
Symbol(s)	 

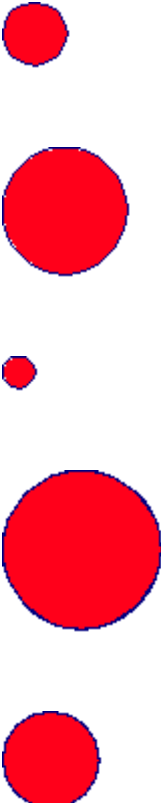
Business rule

Table 13–263 Definition

Definition	No help text is available for this object type.
Symbol(s)	 


Business segment

Table 13–264 Definition

Definition	A business segment is a part of the current or potential selling markets of a company. A business segment is described by the customer group whose needs are met in this market segment and by the product of service that satisfies those needs. Independent competitive advantages can be built up within a business segment.
Symbol(s)	

Button

Table 13–265 Definition

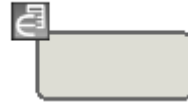
Definition	A button is a screen item that can be used to execute a command.
Symbol(s)	

Class

Table 13–266 Definition


Definition	A group of objects with similar characteristics and common relationships forms a class. Classes represent the basic structures of the field of application which is supposed to be modeled.
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Symbol(s)




Classification criterion

Table 13–267 Definition

Definition	The classification criterion specifies the criteria according to which the objects to be examined are to be combined.
Symbol(s)	


Classifier role

Table 13–268 Definition

Definition	A classifier role is a role a participant assumes in a collaboration. It is a restricted view on the underlying classifier which only contains those characteristics of this classifier that are required within the scope of the collaboration. The association to the collaboration is realized via the ElementOwnership relationship.
Symbol(s)	


Classifier-in-state

Table 13–269 Definition

Definition	Designates a classifier instance which is in a certain state.
Symbol(s)	






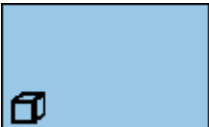



Cluster instance

Table 13–270 Definition

Definition	A cluster instance represents the creation of instances for the cluster/data model object. It represents a logical view on a collection of data objects or structures.
Symbol(s)	


Cluster/Data model

Table 13–271 Definition

Definition	A cluster represents the logical view on a collection of entity types and relationship types of a data model that is required for the description of a complex object.
Symbol(s)	
	
	
	
	
	
	
	
	


Collaboration

Table 13–272 Definition

Definition	A collaboration describes how an operation or a classifier (such as a use case for example) can be realized in a specific manner via the use of classifiers and associations.
Symbol(s)	


Collaboration instance set

Table 13–273 Definition

Definition	Designates a quantity of instances which cooperate to perform a certain task that is determined via the collaboration of this item.
Symbol(s)	


Column

Table 13–274 Definition

Definition	In the screen diagram a geographical division of the surface into areas can be made. The resulting vertical divisions are referred to as columns.
Symbol(s)	

Combo box

Table 13–275 Definition

Definition	The Combo box screen item enables the user to select entries from a list and to enter text directly. Using the Field type attribute you can choose from the Standard combo box, the Drop-list combo box and the Drop-down combo box representation forms.
Symbol(s)	

Communication

Table 13–276 Definition

Definition	The communication object type is a substantial component of the communications diagram. The type of information exchange between two organizational units is determined here. Thus, it is also automatically determined, who in a relationship exchanges information with whom.
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Symbol(s)



Complex object**Table 13–277 Definition**

Definition	No help text is available for this object type.
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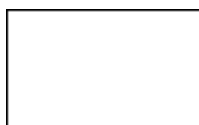
Symbol(s)



Complex object type**Table 13–278 Definition**

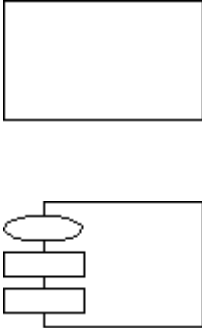
Definition	A complex object type represents a view of several information objects (entity and relationship types). Usually a complex object type includes at least 3 information objects. Each complex object type should be assigned with a model of the eERM type in which its data structure is described.
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Symbol(s)



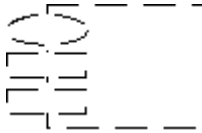
Component

Table 13–279 Definition

Definition	The component object type belongs to the UML models. It represents components that form units at the time they are compiled or linked, or during system operation, e.g., executables. Components can be contained in other components, or call other components up.
Symbol(s)	


Component instance

Table 13–280 Definition

Definition	Represents the instance of a Component. Component instances exist within Node instances.
Symbol(s)	


Conditional section

Table 13–281 Definition

Definition	Item types that are assigned to a conditional section can be integrated into the DTD if desired. To integrate the item types, the Ignore attribute of the conditional section has to be deactivated.
Symbol(s)	


Connector

Table 13–282 Definition

Definition	A connector represents the splitting of one data flow into multiple data flows.
Symbol(s)	




Constraint

Table 13–283 Definition

Definition	A constraint allows constraining the value range for instance attributes.
Symbol(s)	


Contents

Table 13–284 Definition

Definition	Symbolizes any text that is entered as content of an item.
Symbol(s)	  


Cost category

Table 13–285 Definition

Definition	Cost category represent a group of original vouchers of the same kind. A cost category represents allocated costs which have occurred for purposes of the same kind.
Symbol(s)	



Cost driver

Table 13–286 Definition

Definition	The cost driver is the unit of measurement for the result (output) of a function, e.g., pieces, hours, etc.
Symbol(s)	


COT attribute

Table 13–287 Definition

Definition	The COT attribute object type describes the attributes of a Complex object type. It does not represent any new information but always refers to exactly one ERM attribute of an entity type or a relationship type belonging to the complex object type. The relationship between COT attribute and ERM attribute can be created in the ERM attribute allocation diagram.
Symbol(s)	 


COT attribute (instance)

Table 13–288 Definition

Definition	The COT attribute (Instance) object type describes a COT attribute on the instance level. In other words, situations that are described at a higher level in general are now described in greater detail here (Example: Customer -> Peter Miller).
Symbol(s)	



Critical factor

Table 13–289 Definition

Definition	Critical factors specify the aspects which need to be considered in order to reach a particular business objective. They are allocated to the business objectives in the objective diagram.
Symbol(s)	

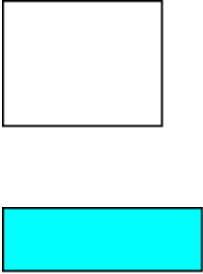
Data store

Table 13–290 Definition

Definition	A data store is an object which stores data for future access.
Symbol(s)	 


Data value

Table 13–291 Definition

Definition	Data flows link the input of one process or object with the input of another. They are modeled as objects of the Data value type between objects and in general labeled with the description of the data. The connection types in the OMT (Object Modeling Technique) functional model are more precisely described by data values, in order to better describe the details of a data flow.
Symbol(s)	 <p>The image shows two rectangular symbols used for data flows. The first is a white rectangle with a black border. The second is a red rectangle with a black border.</p>


DBMS

Table 13–292 Definition

Definition	A DBMS represents a database management system.
Symbol(s)	 <p>The image shows a red rectangular symbol for a DBMS. In the bottom right corner, there is a small icon of a database cylinder with a label.</p>

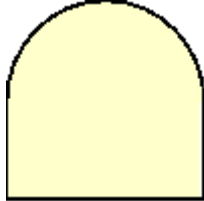
DBMS type

Table 13–293 Definition

Definition	A DBMS type represents the typification of individual database management systems (DBMS) which have exactly the same technological properties. DBMS types are usually identified by their name and the corresponding version number.
Symbol(s)	 <p>The image shows a red rectangular symbol for a DBMS type. In the bottom right corner, there is a small icon of a database cylinder with a label.</p>



Distribution channel

Table 13–294 Definition

Definition	Describes the path by which the product reaches the customer.
Symbol(s)	

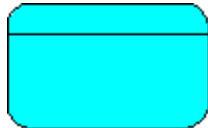
Documented knowledge

Table 13–295 Definition

Definition	The documented knowledge object type allows you to classify knowledge contained in documents, drawings or files by topic.
Symbol(s)	 


Domain

Table 13–296 Definition

Definition	The value ranges of attributes in the relations diagram are designated as domain. A domain represents the set of all values that an attribute can have.
Symbol(s)	

Domain (physical)

Table 13–297 Definition

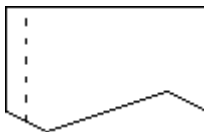
Definition	The value ranges of field contents in tables of the table diagram are called 'domain (physical)'. A domain (physical) represents the set of all values a field can have.
Symbol(s)	

Draft list

Table 13–298 Definition

Definition	A list design represents the typification of individual lists which have similar characteristics. Similarities can be defined according to the layout structure or the structure of the list contents, for example.
-------------------	---

Symbol(s)



Employee variable**Table 13–299 Definition**

Definition	An employee variable is a placeholder for a person to be specified later which is involved in a process.
-------------------	--

Symbol(s)



Entity**Table 13–300 Definition**

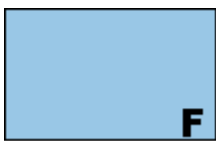



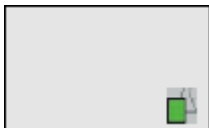




Definition	Entities are real or abstract things that are of interest within the currently observed tasks of a company.
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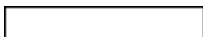
Symbol(s)



Entity type



Table 13–301 Definition

Definition	Combining similar entities in sets results in the creation of entity types. The corresponding instances are the actual entities. Entities are of the same type if they can be described by the same attributes.
Symbol(s)	
	
	
	
	
	
	
	
	




Enumeration

Table 13–302 Definition

Definition	The enumeration object type is used for more detailed specification of the relation of an entity type by listing its attributes.
Symbol(s)	 


Enumeration attribute type

Table 13–303 Definition

Definition	Describes a characteristic of the described item type with the possible attribute values specified.
Symbol(s)	


Enumeration literal

Table 13–304 Definition

Definition	Defines the possible values for the current enumeration data type.
Symbol(s)	

Enumeration occurrence

Table 13–305 Definition

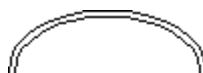
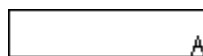
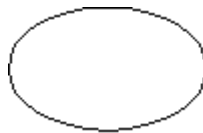
Definition	Enumeration list occurrence represents a more specific description level of the enumeration. In the enumeration object type, the attributes of a relation are generally described, while the content of these attributes are described in the enumeration list occurrence.
Symbol(s)	

ERM attribute

Table 13–306 Definition

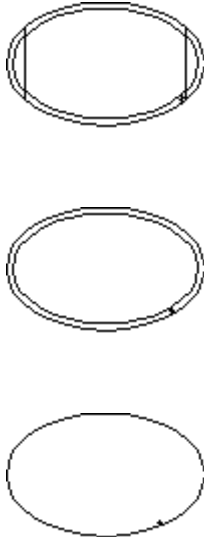
Definition	ERM attributes are characteristics which described entity types.
------------	--

Symbol(s)



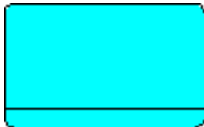
ERM attribute instance

Table 13–307 Definition

Definition	ERM attribute instances describe an entity or a relationship.
Symbol(s)	











ERM domain

Table 13–308 Definition

Definition	The set of values which an ERM attribute may have is called ERM domain.
Symbol(s)	


Event

Table 13–309 Definition

Definition	<p>An event represents a state that is relevant in terms of business management and which influences or controls the further flow of one or more business processes. Changes in state are reflected in the changes of status of the relevant environment data (information objects). Events trigger functions and are results of functions. As opposed to a function which represents a time-consuming process, an event occurs at one point in time.</p>
Symbol(s)	         



Event instance

Table 13–310 Definition

Definition	A event instance is an event which occurs in a specific process instance. An event instance can be evaluated, i.e. it can be true or false.
Symbol(s)	

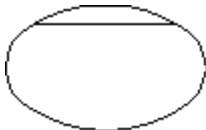
Exception

Table 13–311 Definition

Definition	A signal that is triggered by a behavioral feature (Operation and Reception) as a result of an error is an exception.
Symbol(s)	 

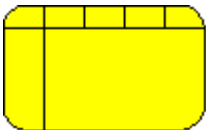
Extension point

Table 13–312 Definition

Definition	Refers to one or more locations where the current use case may be extended.
Symbol(s)	

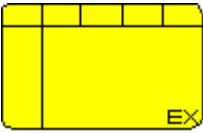
Field

Table 13–313 Definition

Definition	The logical structure of database systems can be described by tables and the corresponding fields of a table. Fields define the logical contents of a table. The possible values of a field can be defined by assigning a domain (physical).
Symbol(s)	










Field (specimen)

Table 13–314 Definition

Definition	A field (specimen) is one specimen of a field. Tables and fields define the logical structure of a database management system. Several specimens of the logically defined tables and fields with exactly the same structure can exist in one company.
Symbol(s)	

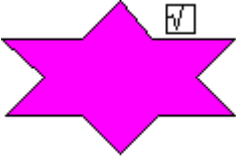



Function

Table 13–315 Definition

Definition	A function is the technical task or activity performed on an object in order to support one or several business objectives.	
Symbol(s)		
		
		
		
		
		
		
		
		

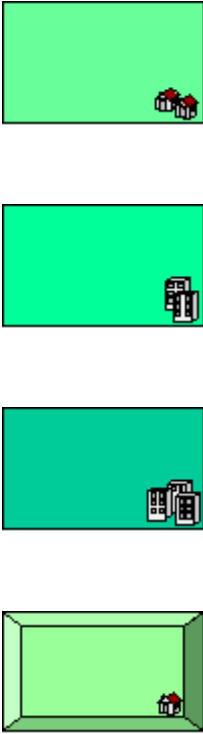
Function instance

Table 13–316 Definition

Definition	A function instance is a function which occurs in a specific process instance. This function instance can be assigned unique start and end times as well as other necessary attributes.
Symbol(s)	<div></div> <div></div> <div></div> <div></div>

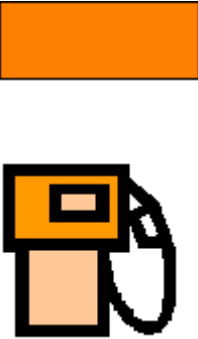
Functional cluster

Table 13–317 Definition

Definition	Functional clusters are used to organize an information system in independent units/blocks by function. Each cluster is characterized in that it is the Owner of the data it uses and of the associated processing methods. Other clusters can only access these data and processing methods if they call a service of the Owner cluster. Within a cluster, similar data are used and identical activities and business functions are carried out.
Symbol(s)	

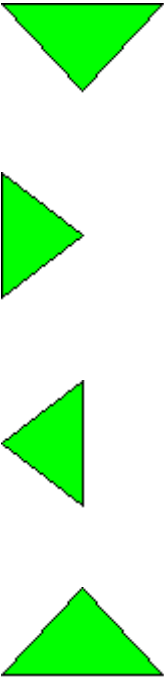
General resource

Table 13–318 Definition

Definition	A general resource is a resource that does not need to be a person or an operating resource and is not explicitly defined. The general resource allows performing processes.
Symbol(s)	


Generalization type

Table 13–319 Definition

Definition	During the generalization process, the similarity between objects (entities) is recognized. These objects are then combined to form a superior object type.
Symbol(s)	





Graphical user interface type

Table 13–320 Definition

Definition	A graphical user interface type represents the typification of individual graphical user interfaces which have exactly the same properties. Application system types are realized on the basis of specific user interface types. Graphical user interface types are usually identified by their name and the version number.
Symbol(s)	


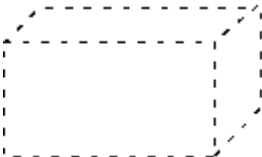
Group

Table 13–321 Definition

Definition	A group may represent a group of employees (persons) which are working together for a specific period of time (project group), for example.
Symbol(s)	   


Hardware component

Table 13–322 Definition

Definition	Hardware components are specimen of different hardware component types that are available in a company in order to operate properly on the IT level. Hardware components are often identified by assigned inventory numbers (e.g. inventory number of a data processing equipment).
Symbol(s)	 

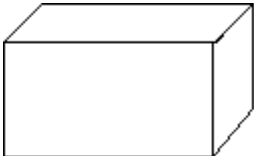

Hardware component class

Table 13–323 Definition

Definition	Similar hardware component types can be combined to form a hardware component class. The similarity can be defined according to different classification criteria. In other words, one hardware component type can also be assigned to several hardware component classes.
Symbol(s)	



Hardware component type

Table 13–324 Definition

Definition	A hardware component type represents the typification of individual hardware components which have exactly the same technological properties.
Symbol(s)	 


Improvement potential

Table 13–325 Definition

Definition	Describes weak points in the processes or areas that are to be examined in greater detail during Change Management to identify measures for process optimization.
Symbol(s)	 


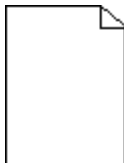
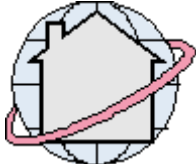
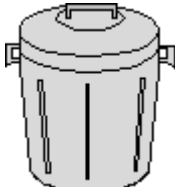


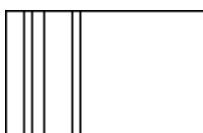
Index

Table 13–326 Definition

Definition	An index allows sorting field contents of a table according to different criteria in order to access the field contents expediently and efficiently. In the table diagram, indices can be assigned to the fields of a table.
Symbol(s)	


Information carrier

Table 13–327 Definition

Definition	An information carrier represents a means to store information. This may be accomplished in the form of card files, forms or files on a computer.
Symbol(s)	
	
	
	
	
	
	


Information flow

Table 13–328

The information flow is an object containing the information that, for example, is forwarded between the function and und application system type object types or between the module and IT function type object types. It is used for more precise specification of the connections between these objects, thus it represents the data that are exchanged.	
Symbol(s)	


Instantiation cycle

Table 13–329 Definition

The Instantiation cycle object type belongs to the Process instantiation model model type and represents the medium object level for describing repetitive instantiation interval sequences. Example of the contents of an instantiation cycle: For a defined process, which in the instance specifies the events on a workday, the cycle is Mon - Fri.	
Definition	
Symbol(s)	


Instantiation interval

Table 13–330 Definition

The Instantiation interval object type belongs to the Process instantiation model type. An instantiation interval describes how many process instances are to be created for a start event at a particular time. An instantiation interval is defined by the following attributes: - Relative interval start - Interval duration - Number of process instances - Distribution - Cyclical repetition - Periods. Example of the content of an instantiation interval: The instantiation interval describes a day with 24 hours. It begins at 8:00, has a duration of 2 hours, defines a number of process instances, e.g. 50, and stipulates a normal distribution with the values $\mu = 9.00$ (absolute time), $\sigma = 30$ min. This means that at 9:00, 50 process instances are created with a normal distribution and a standard deviation of 30 minutes. For a defined process, this means that on a working day 50 processes are started with equal distribution when work commences at 8:00.	
Definition	
Symbol(s)	


Instantiation plan

Table 13–331 Definition

Definition	The Instantiation plan object type belongs to the Process instantiation model model type and represents the upper object level for describing multiple instantiation cycles. Example of the content of an instantiation plan: For a defined process which in the cycle specifies the events of a week, the instantiation plan is the yearly work schedule.
Symbol(s)	


Interaction instance set

Table 13–332 Definition

Definition	Designates a group of stimuli which participate in a Collaboration instance set to perform a specific task there.
Symbol(s)	

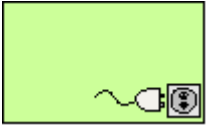
IS function

Table 13–333 Definition

Definition	An IS function describes a generic IT resource which supports a Function within a process.
Symbol(s)	



IS service

Table 13–334 Definition

Definition	An IS service describes an interface of a functional cluster or an IS function. IS services allow other IS elements to have controlled access to data and processing methods of the IS element which provides the service. These interfaces can be used to exchange messages with other elements of the IT View.
Symbol(s)	



IT function

Table 13–335 Definition

An IT function is one specimen of an IT function type. In a company, several specimen (IT functions) of one IT function type may be implemented. Usually, they are not identified by themselves, but rather by the license number of the modules that are in operation and to which they are assigned.	
Definition	
Symbol(s)	 

IT function class

Table 13–336 Definition

Similar IT function types can be combined to form a IT function class. The similarity can be defined regarding different classification criteria. Hence, one IT function type can be assigned to several IT function classes.	
Definition	
Symbol(s)	 

IT function type

Table 13–337 Definition

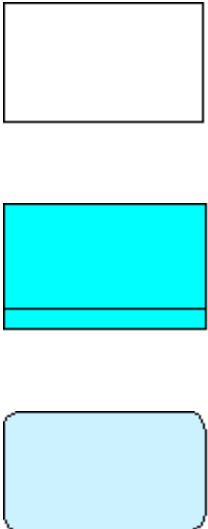
Definition	In terms of a transaction, IT function types are the smallest units of a module type. They are realized as individual program modules and need to be executed as a whole in order to accomplish one processing step. An IT function type represents the typification of individual IT functions which have exactly the same technological properties.
Symbol(s)	
Item type	

Table 13–338 Definition




Definition	Describes the structure of a component that may occur in an XML document.
Symbol(s)	
Knowledge category	

Table 13–339 Definition

Definition	A knowledge category is used to classify knowledge by topic.
Symbol(s)	


KPI instance

Table 13–340 Definition

Definition	A KPI instance is an indicator or a key indicator for measuring a degree of goal accomplishment. It can contain a plan value, an actual value and a target value.
Symbol(s)	


Lane

Table 13–341 Definition

Definition	A lane corresponds to a part of a pool. They structure the objects within a pool. A relationship of the belongs to type is set up between a lane and its pool.
Symbol(s)	


Layout

Table 13–342 Definition

Definition	The layout object type assigns representation properties to the objects screen, page, section, column, screen table, COT attribute and text.
Symbol(s)	


Link object

Table 13–343 Definition

Definition	Represents the instance of an association class.
Symbol(s)	


List

Table 13–344 Definition

Definition	Lists and screens represent the interfaces between users and application systems. A list visualizes the procedure of data input or data output as used by an application system. As opposed to a list design which defines a common structure for several similar lists in the sense of a list type, a list is the concrete instance of the list design.
Symbol(s)	

List control

Table 13–345 Definition

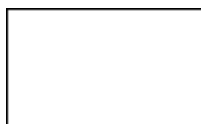
Definition	A list control displays a set of items. An icon precedes the name of each item so that items of the same type can be recognized. The items can either be displayed as large icons, small icons, in a list or in a detail view.
Symbol(s)	

Location

Table 13–346 Definition



Definition	Locations specify the physical positions of organizational units, positions or specimen of hardware components and technical resources of a company. They may refer to- a region - a city - a plant - a building - a room - or an individual workstation.
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Symbol(s)




Loop start

Table 13–347 Definition

Definition	The loop start object type belongs to the program flow chart (PF) model. It defines the beginning of a sequence of several processing steps. This sequence is completed by a loop end. It is characteristic that this process flow is repeated several times.
Symbol(s)	 


Main process

Table 13–348 Definition

Definition	The main process represents the main functions in the function trees to which the processes (functions from the scenario processes) are allocated.
Symbol(s)	


Marketing instrument

Table 13–349 Definition

Definition	Describes activities/instruments that are used for market organization.
Symbol(s)	

Material class

Table 13–350 Definition

Definition	Similar material types can be combined to form an operating resource class. The similarity can be defined according to different classification criteria. In other words, one material type can also be assigned to several material classes.
Symbol(s)	

Material flow

Table 13–351 Definition

Definition	Material flow is an object which contains information about materials that are transferred between two functions in a material flow diagram. It is used for more precise specification of the connections between the materials being transferred.
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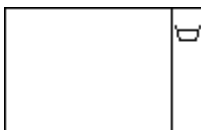
Symbol(s)



Material type**Table 13–352 Definition**

Definition	A material type represents the typification of individual materials which have exactly the same material characteristics.
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Symbol(s)



Measurement unit**Table 13–353 Definition**


Definition	No help text is available for this object type.
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Symbol(s)




Measurement unit number

Table 13–354 Definition

Definition	No help text is available for this object type.
Symbol(s)	



Memory location

Table 13–355 Definition

Definition	In a memory location, data are stored as tables or fields.
Symbol(s)	



Module

Table 13–356 Definition

Definition	A module is one specimen of a module type. A single module can be identified by its license number, for example. A company may have several modules (several licenses) of one module type.
Symbol(s)	 



Module class

Table 13–357 Definition

Definition	Similar module types can be combined to form a module class. The similarity can be defined according to different classification criteria. In other words, one module type can also be assigned to several module classes.
Symbol(s)	 

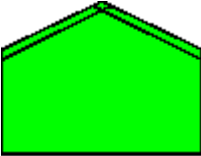
Module type

Table 13–358 Definition

Definition	A module type represents a part of an application system type which can be executed on its own. A module type represents the typification of individual modules which have exactly the same technological properties.
Symbol(s)	 


Need

Table 13–359 Definition

Definition	Describes a person's feeling of deficiency, which is to be dispelled. A need stands at the beginning of a purchasing decision process. If the person is faced with a product that is likely to satisfy his need, a demand arises.
Symbol(s)	


Network

Table 13–360 Definition

Definition	Networks are specimen of different network types that are available in a company in order to operate properly on the IT level. Networks are often identified by assigning unique location identifiers or inventory numbers.
Symbol(s)	


Network class

Table 13–361 Definition

Definition	Similar network types can be combined to form a network class. The similarity can be defined according to different classification criteria. In other words, one network type can also be assigned to several network classes.
Symbol(s)	

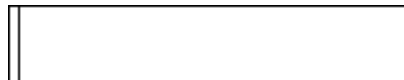
Network connection

Table 13–362 Definition

Definition	Network connections are specimen of different network connection types that are available in a company in order to operate properly on the IT level. Network connections link network nodes to one another.
Symbol(s)	

Network connection type

Table 13–363 Definition

Definition	A network connection type represents the typification of network connections which have exactly the same technological properties.
Symbol(s)	

Network node

Table 13–364 Definition


Definition	Network nodes are specimen of different network node types that are available in a company in order to operate properly on the IT level In this case, one network node represents one access point to a network to which hardware components can be connected.
Symbol(s)	
Network node type	

Table 13–365 Definition


Definition	A network node type represents the typification of individual network nodes which have exactly the same technological properties.
Symbol(s)	
Network type	

Table 13–366 Definition


Definition	A network type represents the typification of individual networks (information system networks) which have exactly the same technological properties.
Symbol(s)	
Note	

Table 13–367 Definition


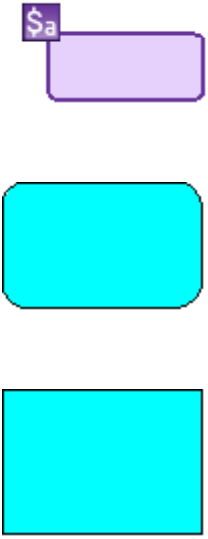

Definition	The object type note belongs to the UML models. It offers the option of attaching notes to objects.
Symbol(s)	
Object instance	

Table 13–368 Definition

Definition	An object instance is a concrete instance of an object, i.e. a specimen of an object with specified values.
Symbol(s)	


Object type class

Table 13–369 Definition

Definition	An object type class classifies functions. The functions which are to be examined according to a specified classification criterion are allocated to an object type class.
Symbol(s)	


Objective

Table 13–370 Definition

Definition	An objective is the definition of future business objectives which are supposed to be reached by supporting the critical factors and realizing new business processes.
Symbol(s)	


Operating resource

Table 13–371 Definition

Definition	Operating resources are specimens of different operating resource types that are available in a company in order to operate properly. Operating resources are often identified by assigned inventory numbers (e.g. inventory number of a machine).
Symbol(s)	


Operating resource class

Table 13–372 Definition

Definition	Similar operating resource types can be combined to form an operating resource class. The similarity can be defined regarding different classification criteria. Hence, one operating resource type can also be assigned to several operating resource classes.
Symbol(s)	


Operating resource type

Table 13–373 Definition

Definition	An operating resource type represents the typification of operating resources which have exactly the same technological properties.
Symbol(s)	


Operating system

Table 13–374 Definition

Definition	The Operating system object type helps determine the technological basis for application system types and module types. Multiple object types of this kind can be connected to one application system type. For example, an application system can run on the Windows 3.1 and Windows NT operating systems.
Symbol(s)	


Operating system type

Table 13–375 Definition

Definition	An operating system type represents the typification of individual operating systems which have exactly the same technological properties. Operating system types are usually identified by their name and the corresponding version number.
Symbol(s)	


Operation

Table 13–376 Definition

Definition	Operations (operational methods) represent functionalities or transformations which are assigned to a class.
Symbol(s)	


Organizational chart

Table 13–377 Definition

Definition	An organizational chart represents a cluster of organizational relationships at a high level of abstraction.
Symbol(s)	

Organizational level

Table 13–378 Definition

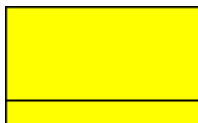
Definition	Organizational structures are usually represented in organizational charts. The structural criterion is the operation principle, in other words, areas in a company that perform the same operations are combined to form an organizational unit. Additionally, large companies are structured in different (organizational) levels which, among other things, serve the purpose of assigning responsibilities and authorizations. Examples for organizational levels:- 'Product area' - 'Operation' - 'Operation area' - etc.
Symbol(s)	

Organizational unit

Table 13–379 Definition




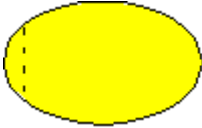




Definition	Organizational units are the performers of the tasks required to attain the business objectives.
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Symbol(s)



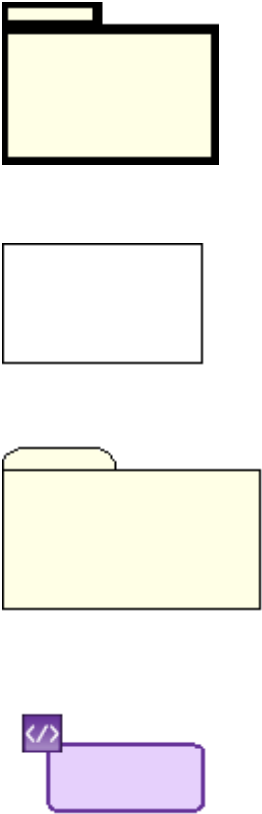
Organizational unit type

Table 13-380 Definition

<p>Definition</p>	<p>An organizational unit type represents the typification of individual organizational units which have exactly the same characteristics. These characteristics may refer to similar authorizations and responsibilities, for example. All departments and sub-departments of a company, for example, have to follow rules and relationships which - in case a corresponding type exists - need to be defined only once.</p>
<p>Symbol(s)</p>	       


Package

Table 13–381 Definition

Definition	A package is an object type that derives from the UML models. It is used to divide model elements by arranging components into groups and assigning them to specific packages. In the EPC a package displays input and output relationships of functions at a rough or fine level of detail, i.e. it only represents the generation or use of information. A package does not have a write or read function.
Symbol(s)	



Packaging material class

Table 13–382 Definition

Definition	Similar packaging material types can be combined to form a packaging materials class. The similarity can be defined according to different classification criteria. In other words, one packaging material type can also be assigned to several packaging material classes.
Symbol(s)	


Packaging material type

Table 13–383 Definition

Definition	A packaging material type represents the typification of individual packaging materials which have exactly the same characteristics (e.g. material characteristics).
Symbol(s)	 





Page

Table 13–384 Definition

Definition	The page object type belongs to the screen diagram model type. A screen can feature several tabs. These are referred to as pages.
Symbol(s)	


Parameter

Table 13–385 Definition

Definition	No help text is available for this object type.
Symbol(s)	   


Partition

Table 13–386 Definition

Definition	Utility serving to divide the individual states of an activity graph into groups.
Symbol(s)	


Partner

Table 13–387 Definition

Definition	No help text is available for this object type.
Symbol(s)	

Partner link

Table 13–388 Definition

Definition	No help text is available for this object type.
Symbol(s)	

Person

Table 13–389 Definition














Definition	Persons are employees of a company and can be identified by their individual personnel number. Persons can be assigned to the organizational units to which they belong and to the functions they perform or for which they are responsible.
Symbol(s)	     
Person type	

Table 13–390 Definition

Definition	A person type (employee type) represents the typification of individual persons which have the same characteristics. These characteristics may refer to similar authorizations and responsibilities, for example. Department heads or foremen, for example, have to follow rules and fulfill responsibilities which - in case a corresponding type exists - need to be defined only once.
Symbol(s)	     


Pool

Table 13–391 Definition

<p>Definition</p>	<p>A pool is a graphical container in which a set of activities, events and gateways of a business entity are combined. Thus, the separation from the process elements of other business participants becomes apparent. An object of the following type can be used as a business entity: - Organizational unit type - Organizational unit - Position - Person type - Group- Application system class - Application system type - Cluster - Entity type - Relationship type - Technical term - Class A pool can contain several lanes, which for example represent the departments in a company. Activities, events and gateways within a process are assigned to the appropriate pool via a connection of the belongs to type. Control flow connections can be created between the objects of a pool, and can also extend across lane limits. However, a relationship among objects of a pool cannot be established using message flows. In addition, pools can be used for black box modeling. Black box is the term used for the situation in which no control flow is assigned to the pool. The pool can then be used exclusively as the source or target of message flows.</p>
<p>Symbol(s)</p>	

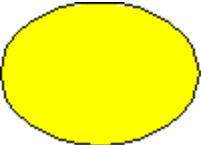
Position

Table 13–392 Definition

Definition	The smallest organizational unit in a company is a position. It is assigned to employees (persons). In general, the authorizations and responsibilities of a position are defined in position description.
Symbol(s)	 <p>The symbols for a position are arranged vertically: a white rectangle with a black border, a black silhouette of a person standing at a desk, a solid yellow rectangle with a black border, and a simple black stick figure.</p>










Process

Table 13–393 Definition

Definition	A process represents a function which transforms data values. The result of a process depends on the behavior of the whole system.
Symbol(s)	 <p>A solid yellow oval with a black border, representing a process.</p>

Product/Service

Table 13-394 Definition

Definition	A product/service is performed in the course of a value-added process. It is the result of a human act or a technical process. A product/service can represent either a service or a product. Products can be a material type, operating resource type, technical operating supply type or a packaging material type. The trigger for the creation of a product/service is always the requirements of an organizational unit or of a customer.
Symbol(s)	        


Product/Service characteristic

Table 13–395 Definition

Definition	No help text is available for this object type.
Symbol(s)	


Profile

Table 13–396 Definition

Definition	By providing the corresponding stereotypes, a profile defines one or more extensions of the meta model that are thematically interrelated.
Symbol(s)	


Program library

Table 13–397 Definition

Definition	A program library contains programs and/or program modules which are necessary for creating or performing a task.
Symbol(s)	


Program module

Table 13–398 Definition

Definition	A program module is a program file on a storage medium (e.g. EXE file or COM file) which has been acquired by purchasing a license. In general, it can be identified by means of a license number.
Symbol(s)	


Program module type

Table 13–399 Definition

Definition	A program module type represents the typification of individual program modules which have exactly the same technological properties.
Symbol(s)	



Programming language

Table 13–400 Definition

Definition	A programming language provides a set of commands as well as a syntax and allows creating programs. In general, it can be identified by a license number.
Symbol(s)	

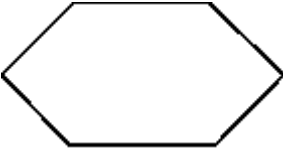








Protocol

Table 13–401 Definition

Definition	A protocol represents a standardized communication and information exchange method for application systems in networks. It is possible to show which protocols can be used for each network type.
Symbol(s)	 


Quick object

Table 13–402 Definition

Definition	Supports modeling without any method restriction in Quick model model types.
Symbol(s)	
	
	
	
	
	
	
	
13-856 Oracle Business Process Analysis Suite Method	


Radio button/Check box

Table 13–403 Definition

Definition	Depending on the value set in the Field type attribute, this screen item can be used either as an option box or as a check box. If you wish to offer the user a given set of options, from which he is to select exactly one option, each option is represented as an option button on the screen. If you wish to offer the user a given set of options, from which he is to select several options, each of these options is shown as a check box.
Symbol(s)	

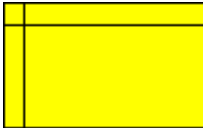
Reception

Table 13–404 Definition

Definition	Describes the ability of a classifier to receive and process a certain signal. Receptions are modeled and represented like operations, having the «signal» prefix in addition.
Symbol(s)	

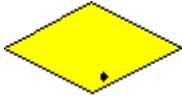
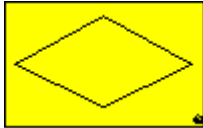
Relation

Table 13–405 Definition

Definition	A relation describes an entity type by its attributes. It is a subset of all possible combinations of the attribute value ranges.
Symbol(s)	


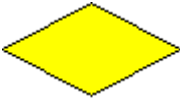

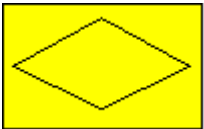

Relationship

Table 13–406 Definition

Definition	A relationship is a logical link between entities. Similar relationships can be combined to form a relationship type.
Symbol(s)	 

Relationship type

Table 13–407 Definition

Definition	A relationship is a logical link between entities. Combining similar relationships to sets results in the creation of relationship types. Relationships are of the same type if they can be described by the same attributes.
Symbol(s)	<div></div> <div></div> <div></div> <div></div> <div></div>

Risk

Table 13–408 Definition


Definition	A risk represents the possible danger that a set process objective will not be achieved.
Symbol(s)	
Risk category	

Table 13–409 Definition

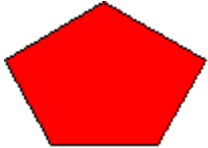























Definition	Individual risks are assigned to the risk category in the risk diagram. It thus serves to classify risks.
Symbol(s)	
Rule	

Table 13–410 Definition

Definition	Rules represent logic operators which allow specifying the logical links that exist between events and functions in process chains, for example.
Symbol(s)	            


Rule instance

Table 13–411 Definition

Definition	Rule instances represent the operators at instance level. They can specify the logic link between function and event instances.
Symbol(s)	
	
	
	
	
	
	
	
	
	


Screen

Table 13–412 Definition

Definition	<p>Lists and screens represent the interfaces between users and application systems. A screen visualizes the procedure of data input or data output as used by an application system. As opposed to a screen design which defines a common structure for several similar screens in the sense of a screen type, a screen is the concrete instance of the screen design.</p>
Symbol(s)	 <p>The symbols shown are: a standard window with a title bar and two buttons; a window with a vertical sidebar; a window with a horizontal sidebar; a 3D computer monitor displaying a grid; a document icon with a globe symbol in the bottom right corner; a folder icon; and a solid green rectangle with a black border.</p>


Screen design

Table 13–413 Definition

Definition	A screen design represents the typification of individual screens which have similar characteristics. Similarities can be defined according to the layout structure or the contents of screens, for example.
Symbol(s)	

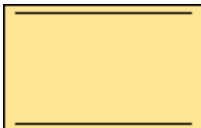
Screen table

Table 13–414 Definition

Definition	Using a screen table, you can represent attributes of a Complex object type that are functionally dependent in a polyvalent way in one screen. The screen table can be used, for example, if your customer base contains customers for whom more than one address (e.g. for several locations) is managed. This means that the Country, Zip code, City, Street and Street no. attributes functionally depend on the Customer no. key attribute in a polyvalent way. Since a table can itself extend over several pages (cf. for example Excel), the is divided into connection type between the screen table and the page is available in the Screen diagram. A page in a screen table may not be subdivided using the Section and Column object types. Only COT attributes may be assigned to a page in a screen table; these are converted into columns on the table page.
Symbol(s)	


Section

Table 13–415 Definition

Definition	In the screen diagram a geographical division of the surface into areas can be made. The resulting rows are referred to as sections.
Symbol(s)	


Security protocol

Table 13–416 Definition

Definition	No help text is available for this object type.
Symbol(s)	


Separator

Table 13–417 Definition

Definition	No help text is available for this object type.
Symbol(s)	


Sequence

Table 13–418 Definition

Definition	Item types that are assigned to the item type described via a sequence connector have to be entered in a specific order into the item. The order is maintained in the Sequence attribute of the connections that lead from the item types to the connector.
Symbol(s)	


Shift

Table 13–419 Definition

Definition	Shifts are shift calendar object types. A shift is a defined interval of time during which a personnel resource works each day or during which a material resource is available to perform functions. This object type can depict early and late shifts, day and night shifts, etc. If a shift within a shift calendar is not assigned to any shift cycle, the shift will automatically restart every 24 hours during a simulation run. Interruptions of work during a shift are depicted using breaks.
Symbol(s)	

Shift cycle

Table 13–420 Definition

Definition	Shift cycles are shift calendar object types that define the validity of shifts. This is where you specify the days a particular shift will run. It is possible to create one-week or two-week shift cycles.
Symbol(s)	

Shift plan

Table 13–421 Definition

Definition	Shift plans are shift calendar object types. A shift plan summarizes various shift cycles. For example, the shift plan describes which shift cycles repeat and when they repeat. You can use this feature to specify the sequence of early, late, and special shifts.
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Symbol(s)



Signal

Table 13–422 Definition

Definition	Signals are classifiers that are exchanged between instances in the form of asynchronous messages. The signal recipient processes the signals using a state machine.
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Symbol(s)



Socket

Table 13–423 Definition





Definition	A socket corresponds to the IS service, i.e. it describes an interface that an IT element provides for other IT elements so that they can access its data and processing methods.
-------------------	---

Symbol(s)





Sp./gen. operator

Table 13–424 Definition

Definition	The Sp./Gen. operator (specialization/generalization operator) divides/combines similar classes.
Symbol(s)	   

Spin box

Table 13–425 Definition

	<p>A spinbox is a screen item that is used in combination with a Text box, in which a value can be entered from a list of discrete, sorted values. The association of text and spin box is controlled by the Tabindex attribute. The user can enter the required value either directly into the text box or he can use arrow keys on the spin box to increase a displayed numerical value by a fixed increment, or he can 'scroll cyclically through' a list of preset values. If you scroll through the list and come to the last value, another click on the up arrow will display the first value on the list again. In the same way, when scrolling with the down arrow, after the first value on the list you go back to the last.</p>
Definition	
Symbol(s)	 

State

Table 13–426 *Definition*

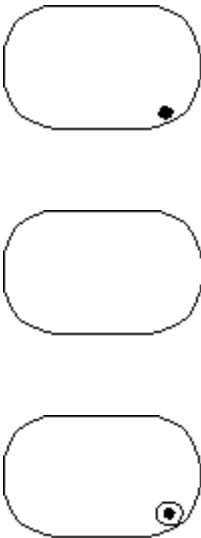
Definition	A state is a group of sets of values. The state describes the reaction of an object to an arriving event.
Symbol(s)	
State machine	

Table 13–427 *Definition*

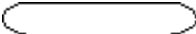
Definition	Represents a state machine. It always describes all possible behaviors of a model item. A Statechart diagram always visualizes exactly one state machine.
Symbol(s)	
Stereotype	

Table 13–428 *Definition*


Definition	Adds more properties to an existing metaclass, which will be specified individually by tag definitions.
Symbol(s)	
Structural element	

Table 13–429 Definition


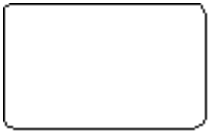
Definition	Structural elements are used to structure models according to different viewpoints, e.g., ISO 900x.
Symbol(s)	 
Subsystem	

Table 13–430 Definition

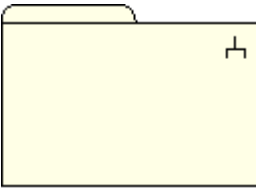
Definition	Represents a grouping of model items that form a behavioral unit in a physical system.
Symbol(s)	
Subsystem instance	

Table 13–431 Definition

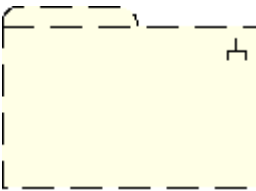
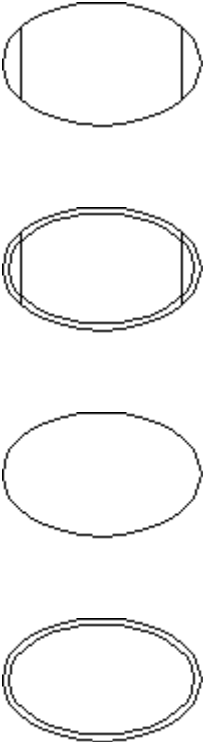

Definition	Represents the instance of a Subsystem.
Symbol(s)	
System attribute	

Table 13–432 Definition

Definition	System attributes describe objects for tasks which are related to the export of data. They illustrate and manage interface-oriented data. The representation of primary keys, foreign keys, mandatory fields and descriptive fields is possible.
Symbol(s)	



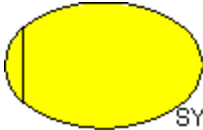
System attribute domain

Table 13–433 Definition

Definition	A system attribute domain describes the allowed value range for system attributes.
Symbol(s)	




System organizational unit

Table 13–434 Definition

Definition	Integrated Application systems contain organizational structures which must be taken into account when introducing such a system into a company. These organizational structures can be modeled using the System organizational unit object type.
Symbol(s)	  


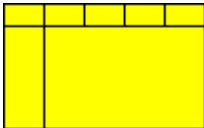
System organizational unit type

Table 13–435 Definition

Definition	A system organizational unit type represents the typification of individual system organizational units which have the same characteristics. These characteristics may pertain to similar authorizations in an application system, for example.
Symbol(s)	  

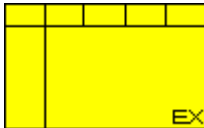
Table

Table 13–436 Definition

Definition	The logical structure of database systems can be described by tables and the corresponding fields of a table. A table represents the typification of individual tables (specimen) which have exactly the same logical structure.
Symbol(s)	 


Tables (specimen)

Table 13–437 Definition

Definition	A table (specimen) is one specimen of a table. Tables and fields define the logical structure of a database management system. Several specimen of the logically defined tables and fields with exactly the same structure can exist in one company.
Symbol(s)	

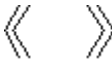
Tag definition

Table 13–438 Definition

Definition	Defines the properties of a stereotype. Model items that are connected with this stereotype can assimilate further information in the form of tagged values.
Symbol(s)	


Tagged value

Table 13–439 Definition

Definition	Enables model items to assimilate additional information.
Symbol(s)	


Tech. operating supply class

Table 13–440 Definition

Definition	Similar tech. operating supply types can be combined to form a tech. operating supply class. The similarity can be defined according to different classification criteria. Hence, one technical operating supply type can also be assigned to several technical operating supply classes.
Symbol(s)	



Technical operating supply

Table 13–441 Definition

Definition	A technical operating supply is a specimen of a technical operating supply type. In general, it can be identified by means of an inventory number.
Symbol(s)	

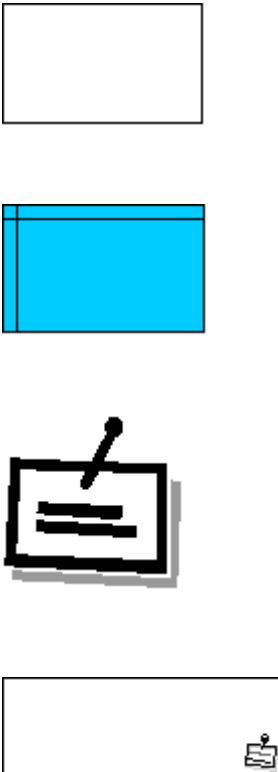
Technical operating supply type

Table 13–442 Definition

Definition	A tech. operating supply type represents the typification of techn. operating supplies which have exactly the same technological properties.
Symbol(s)	 


Technical term

Table 13–443 Definition

Definition	Technical terms represent the concepts that exist in a company and have the task of describing the observed information objects.
Symbol(s)	

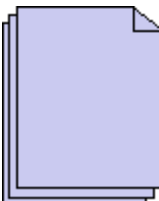
Technical terms instance

Table 13–444 Definition

Definition	Technical term instances represent the instance level of a technical term.
Symbol(s)	



Test definition

Table 13–445 Definition

Definition	No help text is available for this object type.
Symbol(s)	


Text

Table 13–446 Definition

Definition	Text object types contain explanations that are displayed as static text in the current screen. The name of the object should be chosen to provide some idea of the content of the text. The text to be displayed is maintained in the Full name attribute.
Symbol(s)	 



Text box

Table 13–447 Definition

Definition	A text box is a screen item in which the user can enter text or in which he can edit displayed text. You can specify the text box more precisely using the Field type attribute type. If the text box is used as a standard or rich text box, you can use the Encoded attribute to specify whether asterisks are displayed instead of the entered text, as is usual for example when entering passwords.
Symbol(s)	

Tool

Table 13–448 Definition

Definition	Describes software, methods or continual training that are being used within the current process or that are to be used to improve the processes and the integration into the entire systematics.
Symbol(s)	 


Transaction folder

Table 13–449 Definition

Definition	No help text available.
Symbol(s)	
	
	
	
	
	
	
	
	
	
	
	


Transport system

Table 13–450 Definition

Definition	A transport system is one specimen of a transport system type. In general, it can be identified by means of an inventory number or a plant number.
Symbol(s)	





Transport system class

Table 13–451 Definition

Definition	Similar transport system types can be combined to form a transport system class. The similarity can be defined according to different classification criteria. Hence, one transport system type can also be assigned to several transport system classes.
Symbol(s)	

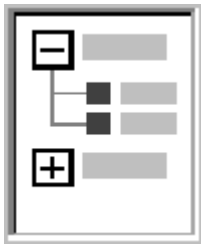
Transport system type

Table 13–452 Definition

Definition	A transport system type represents the typification of transport systems which have exactly the same technological properties.
Symbol(s)	   

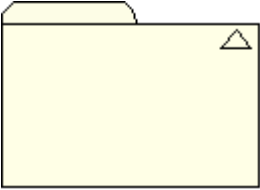
Tree control

Table 13–453 Definition

Definition	A tree control displays a set of items in their hierarchical structure (in the form of a tree). You can put buttons on items within the control. The buttons can be used to open views of the subordinate items. You can also show lines in order to emphasize the hierarchical structures, and have check boxes precede the individual items.
Symbol(s)	


UML Model

Table 13–454 Definition

Definition	Represents an abstracted view on a physical system.
Symbol(s)	


Use case instance

Table 13–455 Definition

Definition	Specifies the instance of a use case which can also be called scenario.
Symbol(s)	


View

Table 13–456 Definition

Definition	A view represents a logical view on a collection of relations and attributes.
Symbol(s)	


View (physical)

Table 13–457 Definition

Definition	A view (physical) represents a logical view on a collection of tables and fields.
Symbol(s)	


Warehouse equipment

Table 13–458 Definition

Definition	Warehouse equipment items are specimen of different warehouse equipment types that are available in a company in order to operate properly. Warehouse equipment items are often identified by assigned warehouse numbers.
Symbol(s)	



Warehouse equipment class

Table 13–459 Definition

Definition	Similar warehouse equipment types can be combined to form a warehouse equipment class. The similarity can be defined according to different classification criteria. Hence, one warehouse equipment type can also be assigned to several warehouse equipment classes.
Symbol(s)	

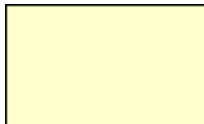
Warehouse equipment type

Table 13–460 Definition

Definition	A warehouse equipment type represents the typification of individual warehouse equipments which have exactly the same technological properties.
Symbol(s)	 


Workflow pattern

Table 13–461 Definition

Definition	Es liegt kein Hilfetext für diesen Objekttyp vor
Symbol(s)	

XOR

Table 13–462 *Definition*

Definition	Only one of the item types that are assigned to the item type described via an XOR connector may occur within an item.
Symbol(s)	

13.3.2 Object Type Specific Attribute Types

13.3.2.1 Action

Table 13–463 *Action*

Action	Name
Action	Standard Attributes
Action	Identifier
Action	Description/Definition
Action	Remark/Example
Action	Recurrence
Action	Recurrence language
Action	Script
Action	Script language
Action	Target
Action	Target language
Action	Stereotype

13.3.2.2 Activity graph

Table 13–464 *Activity graph*

Activity graph	Name
Activity graph	Standard Attributes
Activity graph	Identifier
Activity graph	Description/Definition
Activity graph	Remark/Example
Activity graph	Stereotype

13.3.2.3 Actor

Table 13–465 *Actor*

Actor	Name
Actor	Standard Attributes

13.3.2.4 Application system

Table 13–466 *Application system*

Application system	Name
Application system	Standard Attributes
Application system	Internal
Application system	Free Attributes
Application system	Data management system
Application system	Operating system
Application system	License number

13.3.2.5 Application system class

Table 13–467 *Application system class*

Application system class	Name
Application system class	Standard Attributes

13.3.2.6 Application system type

Table 13–468 *Application system type*

Application system type	Name
Application system type	Standard Attributes
Application system type	Identifier
Application system type	Description/Definition
Application system type	Remark/Example
Application system type	Manufacturer
Application system type	Release
Application system type	External
Application system type	Internal
Application system type	Scheduled from
Application system type	Scheduled until
Application system type	Realized from
Application system type	Realized until
Application system type	In use since
Application system type	Development effort
Application system type	Development effort (estimated)
Application system type	Development costs
Application system type	Development costs (estimated)
Application system type	Computer center (CC) costs
Application system type	Costs per unit
Application system type	Frequency of execution
Application system type	No. of occurrences - avg.
Application system type	Quality of specialist support
Application system type	Parameter list
Application system type	WPDL-external attribute list

Table 13–468 (Cont.) Application system type

Application system type	Name
Application system type	Status bar
Application system type	User attribute Application system type
Application system type	IsRoot
Application system type	IsLeaf
Application system type	IsAbstract
Application system type	Stereotype
Application system type	IsPersistent

13.3.2.7 Argument

Table 13–469 Argument

Argument	Name
Argument	Standard Attributes
Argument	Identifier
Argument	Description/Definition
Argument	Remark/Example
Argument	Value
Argument	Value language
Argument	Stereotype

13.3.2.8 Artifact

Table 13–470 Artifact

Artifact	Name
Artifact	Standard Attributes
Artifact	Identifier
Artifact	Description/Definition
Artifact	Remark/Example
Artifact	IsRoot
Artifact	IsLeaf
Artifact	IsAbstract
Artifact	IsPersistent
Artifact	Stereotype

13.3.2.9 Association

Table 13–471 Association

Association	Name
Association	Standard Attributes
Association	Identifier
Association	Description/Definition
Association	Remark/Example
Association	Constraint

Table 13–471 (Cont.) Association

Association	Name
Association	Derived
Association	Stereotype
Association	IsRoot
Association	IsLeaf
Association	IsAbstract
Association	IsPersistent

13.3.2.10 Association class

Table 13–472 Association class

Association class	Name
Association class	Standard Attributes
Association class	Identifier
Association class	Description/Definition
Association class	Remark/Example
Association class	IsRoot
Association class	IsLeaf
Association class	IsAbstract
Association class	Stereotype
Association class	IsPersistent
Association class	Derived
Association class	IsActive

13.3.2.11 Association instance

Table 13–473 Association instance

Association instance	Name
Association instance	Standard Attributes
Association instance	Identifier
Association instance	Description/Definition
Association instance	Remark/Example
Association instance	Default (import)
Association instance	Derived
Association instance	IsPersistent
Association instance	Stereotype

13.3.2.12 Association role

Table 13–474 Association role

Association role	Name
Association role	Standard Attributes
Association role	Identifier
Association role	Description/Definition

Table 13–474 (Cont.) Association role

Association role	Name
Association role	Remark/Example
Association role	Derived
Association role	Stereotype
Association role	IsRoot
Association role	IsLeaf
Association role	IsAbstract
Association role	IsPersistent

13.3.2.13 Attribute

Table 13–475 Attribute

Attribute	Name
Attribute	Standard Attributes
Attribute	Throughput/avg. access
Attribute	Quality of specialist support
Attribute	Relevance to data protection act
Attribute	SQL data type

13.3.2.14 Attribute link

Table 13–476 Attribute link

Attribute link	Name
Attribute link	Standard Attributes
Attribute link	Identifier
Attribute link	Description/Definition
Attribute link	Remark/Example
Attribute link	Stereotype

13.3.2.15 Attribute type

Table 13–477 Attribute type

Attribute type	Name
Attribute type	Standard Attributes
Attribute type	Data type
Attribute type	Default value
Attribute type	Attribute default

13.3.2.16 Attribute type group

Table 13–478 Attribute type group

Attribute type group	Name
Attribute type group	Standard Attributes
Attribute type group	Secondary key
Attribute type group	Default (import)

13.3.2.17 Authorization condition

Table 13–479 *Authorization condition*

Authorization condition	Name
Authorization conditions	Standard Attributes
Authorization condition	Condition
Authorization condition	Type

13.3.2.18 Bitmap

Table 13–480 *Bitmap*

Bitmap	Name
Bitmap	Standard Attributes
Bitmap	Bitmap path
Bitmap	Hyperlink
Bitmap	Tabindex

13.3.2.19 Break

Table 13–481 *Break*

Break	Name
Break	Standard Attributes
Break	Break start
Break	Break duration

13.3.2.20 Business object

Table 13–482 *Business object*

Business object	Name
Business object	Standard Attributes
Business object	Synonyms
Business object	Transmission type, manually
Business object	Transmission type, batch
Business object	Transmission type, online
Business object	Storage type
Business object	Throughput/avg. access
Business object	No. of occurrences - max.
Business object	No. of occurrences - min.
Business object	No. of occurrences - avg.
Business object	No. of occurrences - trend
Business object	SQL name
Business object	Release
Business object	Text
Business object	Default (import)
Business object	Data type

Table 13–482 (Cont.) Business object

Business object	Name
Business object	Object access ID
Business object	Template
Business object	Default name

13.3.2.21 Business rule

Table 13–483 Business rule

Business rule	Name
Business rule	Standard Attributes
Business rule	Catalog
Business rule	Input (facts)
Business rule	Rules
Business rule	Repository
Business rule	Output (watch)

13.3.2.22 Business segment

Table 13–484 Business segment

Business segment	Name
Business segment	Standard Attributes
Business segment	Strategy

13.3.2.23 Button

Table 13–485 Button

Button	Name
Button	Standard Attributes
Button	Tabindex

13.3.2.24 Class

Table 13–486 Class

Class	Name
Class	Standard Attributes
Class	Identifier
Class	Description/Definition
Class	Remark/Example
Class	Constraint
Class	Type
Class	Complexity
Class	Space
Class	Session mode
Class	Disabled
Class	Derived

Table 13–486 (Cont.) Class

Class	Name
Class	IsRoot
Class	IsLeaf
Class	IsAbstract
Class	Stereotype
Class	Visibility
Class	Concurrency
Class	IsStatic
Class	IsPersistent
Class	IsActive

13.3.2.25 Classification criterion

Table 13–487 Classification criterion

Classification criterion	Name
Classification criterion	Standard Attributes

13.3.2.26 Classifier role

Table 13–488 Classifier role

Classifier role	Name
Classifier role	Standard Attributes
Classifier role	Identifier
Classifier role	Description/Definition
Classifier role	Remark/Example
Classifier role	IsRoot
Classifier role	IsLeaf
Classifier role	IsAbstract
Classifier role	IsPersistent
Classifier role	Stereotype

13.3.2.27 Classifier-in-state

Table 13–489 Classifier-in-state

Classifier-in-state	Name
Classifier-in-state	Standard Attributes
Classifier-in-state	Identifier
Classifier-in-state	Description/Definition
Classifier-in-state	Remark/Example
Classifier-in-state	IsRoot
Classifier-in-state	IsLeaf
Classifier-in-state	IsAbstract
Classifier-in-state	IsPersistent
Classifier-in-state	Stereotype

13.3.2.28 Cluster instance

Table 13–490 *Cluster instance*

Cluster instance	Name
Cluster instance	Standard Attributes
Cluster instance	Default (import)

13.3.2.29 Cluster/Data model

Table 13–491 *Cluster/Data model*

Cluster/Data model	Name
Cluster/Data model	Standard Attributes
Cluster/Data model	Synonyms
Cluster/Data model	Transmission type, manually
Cluster/Data model	Transmission type, batch
Cluster/Data model	Transmission type, online
Cluster/Data model	Storage type
Cluster/Data model	Throughput/avg. access
Cluster/Data model	No. of occurrences - max.
Cluster/Data model	No. of occurrences - min.
Cluster/Data model	No. of occurrences - avg.
Cluster/Data model	No. of occurrences - trend
Cluster/Data model	SQL name
Cluster/Data model	Release
Cluster/Data model	Text
Cluster/Data model	Default (import)

13.3.2.30 Collaboration

Table 13–492 *Collaboration*

Collaboration	Name
Collaboration	Standard Attributes
Collaboration	Identifier
Collaboration	Description/Definition
Collaboration	Remark/Example
Collaboration	Stereotype

13.3.2.31 Collaboration instance set

Table 13–493 *Collaboration instance set*

Collaboration instance set	Name
Collaboration instance set	Standard Attributes
Collaboration instance set	Identifier
Collaboration instance set	Description/Definition
Collaboration instance set	Remark/Example
Collaboration instance set	Stereotype

13.3.2.32 Column

Table 13–494 *Column*

Column	Name
Column	Standard Attributes

13.3.2.33 Combo box

Table 13–495 *Combo box*

Combo box	Name
Combo box	Standard Attributes
Combo box	Field type
Combo box	Tabindex

13.3.2.34 Communication

Table 13–496 *Communication*

Communication	Name
Communication	Standard Attributes
Communication	Default (import)

13.3.2.35 Complex object

Table 13–497 *Complex object*

Complex object	Name
Complex object	Standard Attributes

13.3.2.36 Complex object type

Table 13–498 *Complex object type*

Complex object type	Name
Complex object type	Standard Attributes

13.3.2.37 Component

Table 13–499 *Component*

Component	Name
Component	Standard Attributes
Component	Identifier
Component	Description/Definition
Component	Remark/Example
Component	Stereotype
Component	IsRoot
Component	IsLeaf
Component	IsAbstract
Component	IsPersistent

13.3.2.38 Component instance

Table 13–500 *Component instance*

Component instance	Name
Component instance	Standard Attributes
Component instance	Identifier
Component instance	Description/Definition
Component instance	Remark/Example
Component instance	IsPersistent
Component instance	Stereotype

13.3.2.39 Conditional section

Table 13–501 *Conditional section*

Conditional section	Name
Conditional section	Standard Attributes
Conditional section	Ignore

13.3.2.40 Connector

Table 13–502 *Connector*

Connector	Name
Connector	Standard Attributes
Connector	Default (import)

13.3.2.41 Constraint

Table 13–503 *Constraint*

Constraint	Name
Constraint	Standard Attributes
Constraint	Identifier
Constraint	Description/Definition
Constraint	Remark/Example
Constraint	Language
Constraint	Body
Constraint	Stereotype

13.3.2.42 Contents

Table 13–504 *Contents*

Contents	Name
Contents	Standard Attributes

13.3.2.43 Cost category

Table 13–505 *Cost category*

Cost category	Standard Attributes
Cost category	Default (import)
Cost category	Cost category no.
Cost category	Cost category type
Cost category	Performance scale

13.3.2.44 Cost driver

Table 13–506 *Cost driver*

Cost driver	Standard Attributes
Cost driver	CD Number

13.3.2.45 COT attribute

Table 13–507 *COT attribute*

COT attribute	Standard Attributes
COT attribute	Data type
COT attribute	Instance value

13.3.2.46 COT attribute (instance)

Table 13–508 *COT attribute (instance)*

COT attribute (instance)	Standard Attributes
COT attribute (instance)	Data type
COT attribute (instance)	Instance value

13.3.2.47 Critical factor

Table 13–509 *Critical factor*

Critical factor	Standard Attributes
Critical factor	SQL name
Critical factor	Default (import)
Critical factor	Actual time period
Critical factor	Minimum value
Critical factor	Maximum value
Critical factor	Plan value
Critical factor	Tolerance range
Critical factor	Actual value
Critical factor	Achievement of objectives
Critical factor	Target time period
Critical factor	Target value
Critical factor	Unit
Critical factor	BSC - Remark/Example

Table 13–509 (Cont.) Critical factor

Critical factor	Standard Attributes
Critical factor	End date
Critical factor	Success - Actual
Critical factor	Success - Target
Critical factor	Success - Competitor

13.3.2.48 Data store

Table 13–510 Data store

Data store	Name
Data store	Standard Attributes

13.3.2.49 Data value

Table 13–511 Data value

Data value	Name
Data value	Standard Attributes
Data value	Identifier
Data value	Description/Definition
Data value	Remark/Example
Data value	IsPersistent
Data value	Stereotype

13.3.2.50 DBMS

Table 13–512 DBMS

DBMS	Standard Attributes
DBMS	License number

13.3.2.51 DBMS type

Table 13–513 DBMS type

DBMS type	Standard Attributes
DBMS type	Manufacturer
DBMS type	Release
DBMS type	Costs per unit

13.3.2.52 Distribution channel

Table 13–514 Distribution channel

Distribution channel	Name
Distribution channel	Standard Attributes

13.3.2.53 Documented knowledge

Table 13–515 Documented knowledge

Documented knowledge	Standard Attributes
Documented knowledge	Updating frequency
Documented knowledge	Significance
Documented knowledge	Degree of coverage
Documented knowledge	Knowledge advantage
Documented knowledge	Knowledge usage
Documented knowledge	Desired degree of coverage
Documented knowledge	Future significance
Documented knowledge	Structural change speed

13.3.2.54 Domain

Table 13–516 Domain

Domain	Standard Attributes
Domain	Domain type
Domain	Length

13.3.2.55 Domain (physical)

Table 13–517 Domain (physical)

Domain (physical)	Standard Attributes
Domain (physical)	Domain type
Domain (physical)	Length

13.3.2.56 Draft list

Table 13–518 Draft list

Draft list	Name
Draft list	Standard Attributes

13.3.2.57 Employee variable

Table 13–519 Employee variable

Employee variable	Standard Attributes
Employee variable	Default (import)
Employee variable	Role

13.3.2.58 Entity

Table 13–520 Entity

Entity	Standard Attributes
Entity	Default (import)
Entity	Data type
Entity	Last modification date

Table 13–520 (Cont.) Entity

Entity	Standard Attributes
Entity	Creation date
Entity	Object access ID
Entity	Template
Entity	Default name

13.3.2.59 Entity type

Table 13–521 Entity type

Entity type	Standard Attributes
Entity type	Synonyms
Entity type	Application
Entity type	Integrity conditions
Entity type	Transmission type, online
Entity type	Transmission type, batch
Entity type	Transmission type, manually
Entity type	Storage type
Entity type	Throughput/avg. access
Entity type	No. of occurrences - max.
Entity type	No. of occurrences - min.
Entity type	No. of occurrences - avg.
Entity type	No. of occurrences - trend
Entity type	Release
Entity type	SQL name
Entity type	Text
Entity type	Default (import)
Entity type	Data type
Entity type	Object access ID
Entity type	Template
Entity type	Default name
Entity type	WPDL-external attribute list
Entity type	Transient

13.3.2.60 Enumeration

Table 13–522 Enumeration

Enumeration	Standard Attributes
Enumeration	Length

13.3.2.61 Enumeration attribute type

Table 13–523 *Enumeration attribute type*

Enumeration attribute type	Standard Attributes
Enumeration attribute type	Notation
Enumeration attribute type	Default value
Enumeration attribute type	Attribute default

13.3.2.62 Enumeration literal

Table 13–524 *Enumeration literal*

Enumeration literal	Name
Enumeration literal	Standard Attributes
Enumeration literal	Identifier
Enumeration literal	Description/Definition
Enumeration literal	Remark/Example
Enumeration literal	Stereotype

13.3.2.63 Enumeration occurrence

Table 13–525 *Enumeration occurrence*

Enumeration occurrence	Standard Attributes
Enumeration occurrence	Ordinal
Enumeration occurrence	Short text
Enumeration occurrence	Descriptive text

13.3.2.64 ERM attribute

Table 13–526 *ERM attribute*

ERM attribute	Name
ERM attribute	Standard Attributes
ERM attribute	Identifier
ERM attribute	Description/Definition
ERM attribute	Remark/Example
ERM attribute	Synonyms
ERM attribute	Length
ERM attribute	Secondary key
ERM attribute	Integrity conditions
ERM attribute	Decimal places
ERM attribute	Transmission type, online
ERM attribute	Transmission type, batch
ERM attribute	Transmission type, manually
ERM attribute	Storage type
ERM attribute	Multiple value tag
ERM attribute	Derived attribute
ERM attribute	Description of attribute derivation

Table 13–526 (Cont.) ERM attribute

ERM attribute	Name
ERM attribute	Safety class of specimens
ERM attribute	Optional attribute
ERM attribute	Data type operations
ERM attribute	Throughput/avg. access
ERM attribute	No. of occurrences - max.
ERM attribute	No. of occurrences - min.
ERM attribute	No. of occurrences - avg.
ERM attribute	No. of occurrences - trend
ERM attribute	SQL name
ERM attribute	Text
ERM attribute	Default (import)
ERM attribute	Data type
ERM attribute	Instance value
ERM attribute	WPDLE-external attribute list
ERM attribute	Default value
ERM attribute	Value
ERM attribute	Value (numeric)
ERM attribute	Value (logical)
ERM attribute	Class attribute
ERM attribute	Upper limit
ERM attribute	Lower limit
ERM attribute	Containment
ERM attribute	Default value
ERM attribute	IsVolatile
ERM attribute	SQL data type
ERM attribute	IsRoot
ERM attribute	IsLeaf
ERM attribute	IsAbstract
ERM attribute	IsPersistent
ERM attribute	Derived
ERM attribute	Stereotype
ERM attribute	Type
ERM attribute	Initial value
ERM attribute	Initial value language
ERM attribute	Visibility
ERM attribute	Static
ERM attribute	Changeability
ERM attribute	IsOrdered (Src)

13.3.2.65 ERM attribute instance

Table 13–527 *ERM attribute instance*

ERM attribute instance	Standard Attributes
ERM attribute instance	Default (import)
ERM attribute instance	Data type
ERM attribute instance	Instance value
ERM attribute instance	Last modification date
ERM attribute instance	Creation date

13.3.2.66 ERM domain

Table 13–528 *ERM domain*

ERM domain	Standard Attributes
ERM domain	Domain type
ERM domain	Data type operations
ERM domain	Specification
ERM domain	Length
ERM domain	Decimal places
ERM domain	SQL name
ERM domain	Upper limit
ERM domain	Lower limit
ERM domain	Data type
ERM domain	Default value

13.3.2.67 Event

Table 13–529 *Event*

Event	Name
Event	Standard Attributes
Event	Identifier
Event	Description/Definition
Event	Remark/Example
Event	Synonyms
Event	System-internal
Event	System-external
Event	Company-internal
Event	Company-external
Event	Trigger
Event	Condition
Event	Type of origin
Event	Probability
Event	Priority
Event	Comparison operator
Event	Comparison value

Table 13–529 (Cont.) Event

Event	Name
Event	Comparison value (numeric)
Event	Comparison value (logical)
Event	Frequency, daily
Event	Frequency, weekly
Event	Frequency, monthly
Event	Frequency, annually
Event	Release
Event	Workflow
Event	Communication channel
Event	Parameter list
Event	Keyword
Event	Milestone ID
Event	Text
Event	Default (import)
Event	Error message on non-compliance
Event	WPDL-external attribute list
Event	Commit resource
Event	Call mode
Event	Parameter key
Event	Trigger/Result
Event	Message
Event	To
Event	From
Event	Assign time
Event	Time date
Event	Time cycle
Event	Rule expression
Event	Link ID
Event	Triggers
Event	Error code
Event	Compensation
Event	Change expression
Event	Change expression language
Event	Time expression
Event	Time expression language
Event	Stereotype
Event	Abstract process
Event	Join condition
Event	Suppress join failure
Event	Query language
Event	Expression language
Event	Enable instance compensation

Table 13–529 (Cont.) Event

Event	Name
Event	Variable access serializable
Event	Extension XML
Event	Implementation
Event	Participant
Event	Interface
Event	Operation
Event	Rule name
Event	Process reference

13.3.2.68 Event instance

Table 13–530 Event instance

Event instance	Standard Attributes
Event instance	Default (import)
Event instance	Fixed date
Event instance	Planning constraint
Event instance	Priority
Event instance	Comparison operator
Event instance	Comparison value
Event instance	Status
Event instance	Error message on non-compliance
Event instance	Distribution according to cost driver
Event instance	Absolute change in MAC
Event instance	Change in percent
Event instance	Bank code

13.3.2.69 Exception

Table 13–531 Exception

Exception	Name
Exception	Standard Attributes
Exception	Identifier
Exception	Description/Definition
Exception	Remark/Example
Exception	IsRoot
Exception	IsLeaf
Exception	IsAbstract
Exception	Stereotype
Exception	IsPersistent

13.3.2.70 Extension point

Table 13–532 *Extension point*

Extension point	Name
Extension point	Standard Attributes
Extension point	Identifier
Extension point	Description/Definition
Extension point	Remark/Example
Extension point	Stereotype
Extension point	Location

13.3.2.71 Field

Table 13–533 *Field*

Field	Standard Attributes
Field	NOT NULL
Field	Throughput/avg. access
Field	Quality of specialist support
Field	Relevance to data protection act
Field	SQL name
Field	SQL data type

13.3.2.72 Field (specimen)

Table 13–534 *Field (specimen)*

Field (specimen)	Standard Attributes
Field (specimen)	NOT NULL
Field (specimen)	SQL name

13.3.2.73 Function

Table 13–535 *Function*

Function	Name
Function	Standard Attributes
Function	Identifier
Function	Description/Definition
Function	Remark/Example
Function	Source
Function	Synonyms
Function	Application
Function	Book title
Function	Chapter name
Function	Heading 1
Function	Heading 2
Function	Online central
Function	Online decentralized

Table 13–535 (Cont.) Function

Function	Name
Function	Batch central
Function	Batch decentralized
Function	Auto central
Function	Auto decentralized
Function	Manually
Function	Company affiliation
Function	ISO 9000 relevant
Function	Avg. wait time
Function	Min. wait time
Function	Max. wait time
Function	Avg. orientation time
Function	Min. orientation time
Function	Max. orientation time
Function	Avg. processing time
Function	Min. processing time
Function	Max. processing time
Function	Frequency, daily
Function	Frequency, weekly
Function	Frequency, monthly
Function	Frequency, annually
Function	Frequency per time period
Function	Period of time
Function	Expense
Function	Avg. total costs
Function	Min. total costs
Function	Max. total costs
Function	Avg. material costs
Function	Min. material costs
Function	Max. material costs
Function	Avg. personnel costs
Function	Min. personnel costs
Function	Max. personnel costs
Function	Avg. operating supplies costs
Function	Min. operating supplies costs
Function	Max. operating supplies costs
Function	Avg. energy costs
Function	Min. energy costs
Function	Max. energy costs
Function	Avg. various overhead costs
Function	Min. various overhead costs
Function	Max. various overhead costs
Function	Avg. costs for depreciation/repair/maintenance

Table 13–535 (Cont.) Function

Function	Name
Function	Min. costs for depreciation/repair/maintenance
Function	Max. costs for depreciation/repair/maintenance
Function	Avg. imputed interest
Function	Min. imputed interest
Function	Max. imputed interest
Function	Avg. other costs
Function	Min. other costs
Function	Max. other costs
Function	Process successor immediately
Function	WPDL-external attribute list
Function	Delayed forwarding possible
Function	Exit possible
Function	Cancel possible
Function	Can be reset
Function	Can be delegated
Function	Start step
Function	End step
Function	Only direct data visible
Function	Release
Function	User exit
Function	Desktop integration
Function	Parameter list
Function	Keyword
Function	Degree of requirement satisfaction
Function	Text
Function	Default (import)
Function	ALE Attribute
Function	Static wait time
Function	Orientation time
Function	Processing time
Function	Orientation (always)
Function	Earliest start after instance creation
Function	Desired start after instance creation
Function	Latest start after instance creation
Function	Earliest end after instance creation
Function	Desired end after instance creation
Function	Latest end after instance creation
Function	Minimum total time
Function	Desired total time
Function	Maximum total time
Function	Maximum wait time after start
Function	Minimum processing time

Table 13–535 (Cont.) Function

Function	Name
Function	Desired processing time
Function	Maximum processing time
Function	Cost driver
Function	Measurement unit (CDU)
Function	Value (CDU)
Function	Measurement unit of costs (CD)
Function	Costs (CD)
Function	Type 1
Function	Type 2
Function	Type 3
Function	Type 4
Function	Type 5
Function	Type 6
Function	Type 7
Function	Time keys
Function	System-internal
Function	System-external
Function	Company-internal
Function	Company-external
Function	Trigger
Function	Condition
Function	Type of origin
Function	Workflow
Function	Communication channel
Function	Milestone ID
Function	Probability
Function	Central control code
Function	Local control code
Function	Concurrency
Function	IsPolymorphic
Function	Constraint
Function	Parameter
Function	Class operation
Function	Milestone
Function	Priority change allowed
Function	Skipping allowed
Function	Forwarding allowed
Function	Automatic
Function	Assignment type
Function	Time limit calculation
Function	Trigger function
Function	Workflow class

Table 13–535 (Cont.) Function

Function	Name
Function	Multiple procedures
Function	Free search access
Function	Search privilege for OU of the current user
Function	Search privilege for Pos1 of the OU of the current user
Function	Search privilege for Pos1 of all superior OU's of the current user
Function	Search privilege for creators
Function	Search privilege for OU of the creator
Function	Search privilege for all previous WF users
Function	Privileges can be changed by current user
Function	Privileges can be changed by creator
Function	Priority
Function	Index unit 1
Function	Index 1
Function	Description 1
Function	Index unit 2
Function	Index 2
Function	Description 2
Function	Index unit 3
Function	Index 3
Function	Description 3
Function	Index unit 4
Function	Index 4
Function	Description 4
Function	Interruptable
Function	Processes to be processed
Function	Resource allocation
Function	Usage factor
Function	Min. throughput time
Function	Avg. throughput time
Function	Max. throughput time
Function	Return type
Function	Protocol
Function	Qualification
Function	Size
Function	Time
Function	Diagrams
Function	Relevant
Function	Process performance
Function	Fulfillment of the critical factors
Function	To
Function	From
Function	Ad hoc

Table 13–535 (Cont.) Function

Function	Name
Function	Completion condition
Function	Assign time
Function	Subprocess type
Function	Process reference
Function	Process
Function	Input map
Function	Output map
Function	Transaction
Function	Transaction ID
Function	Transaction protocol
Function	Transaction method
Function	Loop type
Function	Loop condition
Function	Maximum
Function	Test before
Function	Parallel instance generation
Function	Loop flow condition
Function	Complex
Function	Task type
Function	Instantiate
Function	Abstract type
Function	IsRoot
Function	IsLeaf
Function	IsAbstract
Function	IsStatic
Function	Visibility
Function	IsQuery
Function	IsPersistent
Function	Derived
Function	Body
Function	Trigger
Function	Result
Function	Invariances
Function	Non-functional requirements
Function	Process description
Function	Exceptions
Function	Variations
Function	Rules
Function	Services
Function	Miscellaneous requirements
Function	Contact person
Function	Change history

Table 13–535 (Cont.) Function

Function	Name
Function	Annotations
Function	Stereotype
Function	Dynamic arguments
Function	Dynamic arguments language
Function	IsDynamic
Function	Join condition
Function	Suppress join failure
Function	Create instance
Function	Extension XML
Function	From expression
Function	From literal
Function	Type
Function	Condition expression
Function	Opaque
Function	Subprocess call type
Function	Compensation activity
Function	Implementation
Function	Participant
Function	Interface
Function	Operation
Function	Repository
Function	Catalog
Function	Rules
Function	Input (facts)
Function	Output (watch)
Function	Represented by
Function	Role
Function	Watch
Function	When to watch
Function	What to watch
Function	Action
Function	Channel
Function	Receiver
Function	From
Function	BCC
Function	CC
Function	Reply to
Function	Attachment
Function	Subject
Function	Title
Function	Task parameters
Function	Owner

Table 13–535 (Cont.) Function

Function	Name
Function	Priority
Function	Attachment
Function	Restricted actions
Function	Notification/Reminder
Function	Display
Function	Page flow
Function	Allow participants to invite others
Function	Outcome
Function	Expiration
Function	Orientation necessary

13.3.2.74 Function instance

Table 13–536 Function instance

Function instance	Standard Attributes
Function instance	Current status
Function instance	Processing time
Function instance	Min. processing time
Function instance	Max. processing time
Function instance	Mean processing time
Function instance	Avg. total time
Function instance	Estimated duration
Function instance	Start date
Function instance	End date
Function instance	To be completed by
Function instance	Type of aggregation
Function instance	Default (import)
Function instance	Earliest start date
Function instance	Latest start date
Function instance	Earliest end date
Function instance	Latest end date
Function instance	Fixed date
Function instance	Planning constraint
Function instance	Fixed planned operation costs
Function instance	Priority
Function instance	Task duration
Function instance	Operation work
Function instance	Number 1
Function instance	Number 2
Function instance	Number 3
Function instance	Text 1
Function instance	Text 2

Table 13–536 (Cont.) Function instance

Function instance	Standard Attributes
Function instance	Text 3
Function instance	Compression type
Function instance	Process successor immediately
Function instance	Status
Function instance	Dunning period
Function instance	Restrictive period
Function instance	Only direct data visible
Function instance	Earliest start after instance creation
Function instance	Desired start after instance creation
Function instance	Latest start after instance creation
Function instance	Earliest end after instance creation
Function instance	Desired end after instance creation
Function instance	Latest end after instance creation
Function instance	Minimum total time
Function instance	Desired total time
Function instance	Maximum total time
Function instance	Maximum wait time after start
Function instance	Minimum processing time
Function instance	Desired processing time
Function instance	Maximum processing time
Function instance	Earliest start time
Function instance	Desired start time
Function instance	Latest start time
Function instance	Earliest end time
Function instance	Desired end time
Function instance	Latest end time
Function instance	Synonyms
Function instance	System-internal
Function instance	System-external
Function instance	Company-internal
Function instance	Company-external
Function instance	Trigger
Function instance	Condition
Function instance	Type of origin
Function instance	Frequency, daily
Function instance	Frequency, weekly
Function instance	Frequency, monthly
Function instance	Frequency, annually
Function instance	Release
Function instance	Workflow
Function instance	Communication channel
Function instance	Parameter list

Table 13–536 (Cont.) Function instance

Function instance	Standard Attributes
Function instance	Keyword
Function instance	Milestone ID
Function instance	Probability
Function instance	Central control code
Function instance	Local control code
Function instance	Avg. total costs
Function instance	Initiative status

13.3.2.75 Functional cluster

Table 13–537 Functional cluster

Functional cluster	Standard Attributes
Functional cluster	User attribute Functional cluster

13.3.2.76 General resource

Table 13–538 General resource

General resource	Standard Attributes
General resource	Default (import)
General resource	Telephone number
General resource	Fax number
General resource	Address
General resource	Due date of fixed costs
General resource	Fixed costs per operation
General resource	ResCode
General resource	Available capacity
General resource	Cost rate
General resource	Overtime cost rate
General resource	Text 1
General resource	Text 2
General resource	Text 3
General resource	Minimum capacity
General resource	Maximum capacity
General resource	Startup capacity

13.3.2.77 Generalization type

Table 13–539 Generalization type

Generalization type	Standard Attributes
Generalization type	Degree of division
Generalization type	Text
Generalization type	Default (import)

13.3.2.78 Graphical user interface type

Table 13–540 *Graphical user interface type*

Graphical user interface type	Standard Attributes
Graphical user interface type	License number
Graphical user interface type	Manufacturer
Graphical user interface type	Release
Graphical user interface type	Costs per unit

13.3.2.79 Group

Table 13–541 *Group*

Group	Name
Group	Standard Attributes
Group	Identifier
Group	Description/Definition
Group	Remark/Example
Group	Default (import)
Group	Number of employees
Group	Priority
Group	Company affiliation
Group	IsRoot
Group	IsLeaf
Group	IsAbstract
Group	Stereotype
Group	IsPersistent

13.3.2.80 Hardware component

Table 13–542 *Hardware component*

Hardware component	Name
Hardware component	Standard Attributes
Hardware component	Identifier
Hardware component	Description/Definition
Hardware component	Remark/Example
Hardware component	Model
Hardware component	Manufacturer
Hardware component	Degree of utilization
Hardware component	Costs per unit
Hardware component	Inventory number
Hardware component	IsPersistent
Hardware component	Stereotype

13.3.2.81 Hardware component class

Table 13–543 *Hardware component class*

Hardware component class	Standard Attributes
Hardware component class	Category

13.3.2.82 Hardware component type

Table 13–544 *Hardware component type*

Hardware component type	Name
Hardware component type	Standard Attributes
Hardware component type	Identifier
Hardware component type	Description/Definition
Hardware component type	Remark/Example
Hardware component type	Model
Hardware component type	Manufacturer
Hardware component type	Degree of utilization
Hardware component type	Costs per unit
Hardware component type	Text
Hardware component type	Default (import)
Hardware component type	IsRoot
Hardware component type	IsLeaf
Hardware component type	IsAbstract
Hardware component type	Stereotype
Hardware component type	IsPersistent

13.3.2.83 Improvement potential

Table 13–545 *Improvement potential*

Improvement potential	Name
Improvement potential	Standard Attributes

13.3.2.84 Index

Table 13–546 *Index*

Index	Name
Index	Standard Attributes
Index	Category
Index	Default (import)
Index	SQL name

13.3.2.85 Information carrier

Table 13–547 *Information carrier*

Information carrier	Standard Attributes
Information carrier	Subject
Information carrier	Text
Information carrier	Status
Information carrier	Since/on
Information carrier	Title
Information carrier	Purpose
Information carrier	Created on
Information carrier	Created by
Information carrier	Checked on
Information carrier	Checked by
Information carrier	Released on
Information carrier	Released by
Information carrier	Changed on
Information carrier	Changed by
Information carrier	Other applicable documents
Information carrier	External documents
Information carrier	Terms/Abbreviations
Information carrier	Organization
Information carrier	Validity
Information carrier	Responsibility
Information carrier	Distribution list
Information carrier	Release
Information carrier	Valid from
Information carrier	Valid until
Information carrier	Replaces version
Information carrier	Security level
Information carrier	Channel
Information carrier	Attachment

13.3.2.86 Information flow

Table 13–548 *Information flow*

Information flow	Standard Attributes
Information flow	Avg. transmission time
Information flow	Min. transmission time
Information flow	Max. transmission time

13.3.2.87 Instantiation cycle

Table 13–549 *Instantiation cycle*

Instantiation cycle	Standard Attributes
Instantiation cycle	Relative cycle start
Instantiation cycle	Cycle duration
Instantiation cycle	Cyclical repeat
Instantiation cycle	Period

13.3.2.88 Instantiation interval

Table 13–550 *Instantiation interval*

Instantiation interval	Standard Attributes
Instantiation interval	Relative interval start
Instantiation interval	Interval duration
Instantiation interval	Number of process instances
Instantiation interval	Distribution
Instantiation interval	Cyclical repeat
Instantiation interval	Period

13.3.2.89 Instantiation plan

Table 13–551 *Instantiation plan*

Instantiation plan	Standard Attributes
Instantiation plan	Plan start
Instantiation plan	Plan duration
Instantiation plan	Cyclical repeat
Instantiation plan	Period

13.3.2.90 Interaction instance set

Table 13–552 *Interaction instance set*

Interaction instance set	Name
Interaction instance set	Standard Attributes
Interaction instance set	Identifier
Interaction instance set	Description/Definition
Interaction instance set	Remark/Example
Interaction instance set	Stereotype

13.3.2.91 IS function

Table 13–553 *IS function*

IS function	Name
IS function	Standard Attributes

13.3.2.92 IS service

Table 13–554 *IS service*

IS service	Name
IS service	Standard Attributes

13.3.2.93 IT function

Table 13–555 *IT function*

IT function	Standard Attributes
IT function	Default (import)

13.3.2.94 IT function class

Table 13–556 *IT function class*

IT function class	Standard Attributes
IT function class	Default (import)

13.3.2.95 IT function type

Table 13–557 *IT function type*

IT function type	Standard Attributes
IT function type	Manufacturer
IT function type	Release
IT function type	External
IT function type	Internal
IT function type	Scheduled from
IT function type	Scheduled until
IT function type	Realized from
IT function type	Realized until
IT function type	In use since
IT function type	Development effort
IT function type	Development effort (estimated)
IT function type	Development costs
IT function type	Development costs (estimated)
IT function type	Computer center (CC) costs
IT function type	Costs per unit
IT function type	Frequency of execution
IT function type	Quality of specialist support
IT function type	Status bar
IT function type	Read
IT function type	Create
IT function type	Modify
IT function type	Delete
IT function type	Trigger to be released
IT function type	Time limit with fixed date calc.

Table 13–557 (Cont.) IT function type

IT function type	Standard Attributes
IT function type	Unit for date calculation
IT function type	Calculation type for fixed date calculation
IT function type	Regulation for variable date calculation
IT function type	Process type
IT function type	ID
IT function type	Must
IT function type	Finishes

13.3.2.96 Item type

Table 13–558 Item type

Item type	Name
Item type	Standard Attributes

13.3.2.97 Knowledge category

Table 13–559 Knowledge category

Knowledge category	Standard Attributes
Knowledge category	Updating frequency
Knowledge category	Significance
Knowledge category	Degree of coverage
Knowledge category	Knowledge advantage
Knowledge category	Knowledge usage
Knowledge category	Desired degree of coverage
Knowledge category	Future significance
Knowledge category	Structural change speed

13.3.2.98 KPI instance

Table 13–560 KPI instance

KPI instance	Standard Attributes
KPI instance	Actual time period
KPI instance	Minimum value
KPI instance	Maximum value
KPI instance	Plan value
KPI instance	Tolerance range
KPI instance	Actual value
KPI instance	Achievement of objectives
KPI instance	Target time period
KPI instance	Target value
KPI instance	Unit
KPI instance	BSC - Remark/Example
KPI instance	KPI evaluation

Table 13–560 (Cont.) KPI instance

KPI instance	Standard Attributes
KPI instance	Indicator type
KPI instance	Degree of goal accomplishment
KPI instance	End date
KPI instance	PPM query

13.3.2.99 Lane

Table 13–561 Lane

Lane	Name
Lane	Standard Attributes

13.3.2.100 Layout

Table 13–562 Layout

Layout	Standard Attributes
Layout	Left margin
Layout	Right margin
Layout	Top margin
Layout	Bottom margin
Layout	Frame width
Layout	Scaling in %
Layout	Height
Layout	Attribute flag
Layout	Combo flag
Layout	Length of entry field
Layout	Status bar
Layout	Title/Name
Layout	Font size
Layout	Font
Layout	Font color
Layout	Background color
Layout	Number of lines
Layout	Default value
Layout	Read
Layout	Create
Layout	Modify
Layout	Delete

13.3.2.101 Link object

Table 13–563 *Link object*

Link object	Name
Link object	Standard Attributes
Link object	Identifier
Link object	Description/Definition
Link object	Remark/Example
Link object	IsPersistent
Link object	Stereotype

13.3.2.102 List

Table 13–564 *List*

List	Name
List	Standard Attributes

13.3.2.103 List control

Table 13–565 *List control*

List control	Standard Attributes
List control	View
List control	Tabindex

13.3.2.104 Location

Table 13–566 *Location*

Location	Standard Attributes
Location	Location type

13.3.2.105 Loop start

Table 13–567 *Loop start*

Loop start	Standard Attributes
Loop start	Path condition
Loop start	Join condition
Loop start	Suppress join failure

13.3.2.106 Main process

Table 13–568 *Main process*

Main process	Standard Attributes
Main process	Release

13.3.2.107 Marketing instrument

Table 13–569 Marketing instrument

Marketing instrument	Name
Marketing instrument	Standard Attributes

13.3.2.108 Material class

Table 13–570 Material class

Material class	Standard Attributes
Material class	Default (import)
Material class	Material number
Material class	Hazard class
Material class	Dangerous goods number
Material class	Dangerous goods note
Material class	Subject to management in batches
Material class	Material type

13.3.2.109 Material flow

Table 13–571 Material flow

Material flow	Standard Attributes
Material flow	Default (import)

13.3.2.110 Material type

Table 13–572 Material type

Material type	Standard Attributes
Material type	Default (import)
Material type	Material number
Material type	Hazard class
Material type	Dangerous goods number
Material type	Dangerous goods note
Material type	Subject to management in batches
Material type	Material type

13.3.2.111 Measurement unit

Table 13–573 Measurement unit

Measurement unit	Standard Attributes
Measurement unit	Length

13.3.2.112 Measurement unit number

Table 13–574 Measurement unit number

Measurement unit number	Name
Measurement unit number	Standard Attributes

13.3.2.113 Memory location

Table 13–575 *Memory location*

Memory location	Standard Attributes
Memory location	Size in KBytes
Memory location	Database
Memory location	Storage group
Memory location	Primary quantity
Memory location	Secondary quantity
Memory location	Category

13.3.2.114 Module

Table 13–576 *Module*

Module	Standard Attributes
Module	License number

13.3.2.115 Module class

Table 13–577 *Module class*

Module class	Name
Module class	Standard Attributes

13.3.2.116 Module type

Table 13–578 *Module type*

Module type	Standard Attributes
Module type	Manufacturer
Module type	Release
Module type	External
Module type	Internal
Module type	Scheduled from
Module type	Scheduled until
Module type	Realized from
Module type	Realized until
Module type	In use since
Module type	Development effort
Module type	Development effort (estimated)
Module type	Development costs
Module type	Development costs (estimated)
Module type	Computer center (CC) costs
Module type	Costs per unit
Module type	Frequency of execution
Module type	Quality of specialist support

Table 13–578 (Cont.) Module type

Module type	Standard Attributes
Module type	Service name
Module type	Parameter list
Module type	Status bar

13.3.2.117 Need**Table 13–579 Need**

Need	Name
Need	Standard Attributes

13.3.2.118 Network**Table 13–580 Network**

Network	Standard Attributes
Network	License number
Network	Network topology
Network	Avg. utilization

13.3.2.119 Network class**Table 13–581 Network class**

Network class	Standard Attributes
Network class	Network extension
Network class	Network typification
Network class	Network topology
Network class	Network access procedure

13.3.2.120 Network connection**Table 13–582 Network connection**

Network connection	Standard Attributes
Network connection	Transmission speed
Network connection	Number of channels
Network connection	Transmission medium

13.3.2.121 Network connection type**Table 13–583 Network connection type**

Network connection type	Standard Attributes
Network connection type	Transmission speed
Network connection type	Number of channels

13.3.2.122 Network node

Table 13–584 *Network node*

Network node	Name
Network node	Standard Attributes

13.3.2.123 Network node type

Table 13–585 *Network node type*

Network node type	Name
Network node type	Standard Attributes

13.3.2.124 Network type

Table 13–586 *Network type*

Network type	Standard Attributes
Network type	Manufacturer
Network type	Release
Network type	Transmission speed
Network type	Network typification
Network type	Network topology
Network type	Network access procedure
Network type	Costs per unit

13.3.2.125 Note

Table 13–587 *Note*

Note	Name
Note	Standard Attributes
Note	Identifier
Note	Description/Definition
Note	Remark/Example
Note	Interface implementation
Note	Stereotype
Note	Body

13.3.2.126 Object instance

Table 13–588 *Object instance*

Object instance	Name
Object instance	Standard Attributes
Object instance	Identifier
Object instance	Description/Definition
Object instance	Remark/Example
Object instance	Stereotype
Object instance	IsPersistent

13.3.2.127 Object type class

Table 13–589 *Object type class*

Object type class	Name
Object type class	Standard Attributes

13.3.2.128 Objective

Table 13–590 *Objective*

Objective	Standard Attributes
Objective	End date

13.3.2.129 Operating resource

Table 13–591 *Operating resource*

Operating resource	Standard Attributes
Operating resource	Default (import)
Operating resource	Operating resource number
Operating resource	Value
Operating resource	Measurement unit
Operating resource	Frequency per time unit
Operating resource	Period of time
Operating resource	Production quantity
Operating resource	Measurement unit of production quantity
Operating resource	Period of time
Operating resource	Frequency per time period
Operating resource	Period of time
Operating resource	Model
Operating resource	Manufacturer
Operating resource	Inventory number
Operating resource	Due date of fixed costs
Operating resource	Fixed costs per operation
Operating resource	ResCode
Operating resource	Available capacity
Operating resource	Cost rate
Operating resource	Overtime cost rate
Operating resource	Text 1
Operating resource	Text 2
Operating resource	Text 3
Operating resource	Capacity
Operating resource	Priority

13.3.2.130 Operating resource class

Table 13–592 *Operating resource class*

Operating resource class	Standard Attributes
Operating resource class	Default (import)
Operating resource class	Operating resource number
Operating resource class	Value
Operating resource class	Measurement unit
Operating resource class	Frequency per time unit
Operating resource class	Period of time
Operating resource class	Production quantity
Operating resource class	Measurement unit of production quantity
Operating resource class	Period of time
Operating resource class	Frequency per time period
Operating resource class	Period of time

13.3.2.131 Operating resource type

Table 13–593 *Operating resource type*

Operating resource type	Standard Attributes
Operating resource type	Default (import)
Operating resource type	Operating resource number
Operating resource type	Value
Operating resource type	Measurement unit
Operating resource type	Frequency per time unit
Operating resource type	Period of time
Operating resource type	Production quantity
Operating resource type	Measurement unit of production quantity
Operating resource type	Period of time
Operating resource type	Frequency per time period
Operating resource type	Period of time
Operating resource type	Model
Operating resource type	Manufacturer

13.3.2.132 Operating system

Table 13–594 *Operating system*

Operating system	Standard Attributes
Operating system	License number

13.3.2.133 Operating system type

Table 13–595 *Operating system type*

Operating system type	Standard Attributes
Operating system type	Manufacturer
Operating system type	Release
Operating system type	Costs per unit

13.3.2.134 Operation

Table 13–596 *Operation*

Operation	Standard Attributes
Operation	Derived
Operation	Class operation
Operation	Parameter
Operation	Constraint
Operation	Stereotype
Operation	IsPolymorphic
Operation	IsQuery
Operation	Body
Operation	IsAbstract

13.3.2.135 Organizational chart

Table 13–597 *Organizational chart*

Organizational chart	Name
Organizational chart	Standard Attributes

13.3.2.136 Organizational level

Table 13–598 *Organizational level*

Organizational level	Name
Organizational level	Standard Attributes

13.3.2.137 Organizational unit

Table 13–599 *Organizational unit*

Organizational unit	Name
Organizational unit	Standard Attributes
Organizational unit	Identifier
Organizational unit	Description/Definition
Organizational unit	Remark/Example
Organizational unit	Application
Organizational unit	Line position
Organizational unit	Staff position
Organizational unit	Company affiliation

Table 13–599 (Cont.) Organizational unit

Organizational unit	Name
Organizational unit	Address
Organizational unit	Telephone number
Organizational unit	Text
Organizational unit	Default (import)
Organizational unit	WPDL-external attribute list
Organizational unit	Number of employees
Organizational unit	Client
Organizational unit	Company code
Organizational unit	Head of cost center
Organizational unit	O category number
Organizational unit	O category name
Organizational unit	O competitive situation number
Organizational unit	O competitive situation name
Organizational unit	O location number
Organizational unit	O location name
Organizational unit	O equipment number
Organizational unit	O equipment name
Organizational unit	O size
Organizational unit	Employee council number
Organizational unit	Employee council name
Organizational unit	Cost center ID
Organizational unit	Individual access privileges
Organizational unit	Bank code
Organizational unit	Cost rate
Organizational unit	Cost center number
Organizational unit	Priority
Organizational unit	IsRoot
Organizational unit	IsLeaf
Organizational unit	IsAbstract
Organizational unit	Stereotype
Organizational unit	IsPersistent
Organizational unit	E-mail address

13.3.2.138 Organizational unit type

Table 13–600 Organizational unit type

Organizational unit type	Standard Attributes
Organizational unit type	Line position
Organizational unit type	Staff position
Organizational unit type	Tolerance executive management
Organizational unit type	Tolerance control
Organizational unit type	Tolerance administration

Table 13–600 (Cont.) Organizational unit type

Organizational unit type	Standard Attributes
Organizational unit type	Tolerance decision
Organizational unit type	Tolerance default processing
Organizational unit type	Tolerance sales
Organizational unit type	Tolerance individual processing
Organizational unit type	Function type number
Organizational unit type	Company affiliation

13.3.2.139 Package

Table 13–601 Package

Package	Name
Package	Standard Attributes
Package	Identifier
Package	Description/Definition
Package	Remark/Example
Package	IsRoot
Package	IsLeaf
Package	IsAbstract
Package	Stereotype
Package	URI

13.3.2.140 Packaging material class

Table 13–602 Packaging material class

Packaging material class	Standard Attributes
Packaging material class	Default (import)
Packaging material class	Packaging material number
Packaging material class	Packaging instruction/rule
Packaging material class	Transport instruction/rule
Packaging material class	Packaging type
Packaging material class	Value
Packaging material class	Unit of capacity
Packaging material class	Measurement unit of costs
Packaging material class	Costs

13.3.2.141 Packaging material type

Table 13–603 Packaging material type

Packaging material type	Standard Attributes
Packaging material type	Default (import)
Packaging material type	Packaging material number
Packaging material type	Packaging instruction/rule
Packaging material type	Transport instruction/rule

Table 13–603 (Cont.) Packaging material type

Packaging material type	Standard Attributes
Packaging material type	Packaging type
Packaging material type	Value
Packaging material type	Unit of capacity
Packaging material type	Measurement unit of costs
Packaging material type	Costs

13.3.2.142 Page

Table 13–604 Page

Page	Name
Page	Standard Attributes

13.3.2.143 Parameter

Table 13–605 Parameter

Parameter	Name
Parameter	Standard Attributes
Parameter	Identifier
Parameter	Description/Definition
Parameter	Remark/Example
Parameter	Direction
Parameter	Default value
Parameter	Stereotype
Parameter	Default value language
Parameter	IsOrdered (Src)

13.3.2.144 Partition

Table 13–606 Partition

Partition	Name
Partition	Standard Attributes
Partition	Identifier
Partition	Description/Definition
Partition	Remark/Example
Partition	Stereotype

13.3.2.145 Partner

Table 13–607 Partner

Partner	Name
Partner	Standard Attributes

13.3.2.146 Partner link

Table 13–608 *Partner link*

Partner link	Standard Attributes
Partner link	Is of partner link type
Partner link	Defines process PartnerLink

13.3.2.147 Person

Table 13–609 *Person*

Person	Name
Person	Standard Attributes
Person	Identifier
Person	Description/Definition
Person	Remark/Example
Person	Telephone number
Person	Fax number
Person	E-mail address
Person	Address
Person	Text
Person	Default (import)
Person	Due date of fixed costs
Person	Fixed costs per operation
Person	ResCode
Person	Available capacity
Person	Cost rate
Person	Overtime cost rate
Person	Text 1
Person	Text 2
Person	Text 3
Person	Person status
Person	Home directory
Person	WPDL-external attribute list
Person	Individual access privileges
Person	Language
Person	First name
Person	Title
Person	Role binding
Person	Workflow domain
Person	Priority
Person	IsRoot
Person	IsLeaf
Person	IsAbstract
Person	Stereotype
Person	IsPersistent

13.3.2.148 Person type

Table 13–610 *Person type*

Person type	Name
Person type	Standard Attributes
Person type	Identifier
Person type	Description/Definition
Person type	Remark/Example
Person type	Cost rate
Person type	Amount
Person type	Amount per time unit
Person type	Text
Person type	Default (import)
Person type	WPDŁ-external attribute list
Person type	Number of employees
Person type	Position
Person type	Priority
Person type	Company affiliation
Person type	IsRoot
Person type	IsLeaf
Person type	IsAbstract
Person type	Stereotype
Person type	IsPersistent

13.3.2.149 Pool

Table 13–611 *Pool*

Pool	Standard Attributes
Pool	Pool type

13.3.2.150 Position

Table 13–612 *Position*

Position	Name
Position	Standard Attributes
Position	Identifier
Position	Description/Definition
Position	Remark/Example
Position	Employee
Position	Number of employees
Position	Tolerance executive management
Position	Tolerance control
Position	Tolerance administration
Position	Tolerance decision
Position	Tolerance default processing

Table 13–612 (Cont.) Position

Position	Name
Position	Tolerance sales
Position	Tolerance individual processing
Position	Position
Position	Priority
Position	IsRoot
Position	IsLeaf
Position	IsAbstract
Position	Stereotype
Position	IsPersistent

13.3.2.151 Process

Table 13–613 Process

Process	Name
Process	Standard Attributes

13.3.2.152 Product/Service

Table 13–614 Product/Service

Product/Service	Name
Product/Service	Standard Attributes
Product/Service	Identifier
Product/Service	Description/Definition
Product/Service	Remark/Example
Product/Service	Default (import)
Product/Service	Frequency, daily
Product/Service	Frequency, weekly
Product/Service	Frequency, monthly
Product/Service	Frequency, annually
Product/Service	Frequency per time period
Product/Service	Period of time
Product/Service	Expense
Product/Service	Avg. total costs
Product/Service	Min. total costs
Product/Service	Max. total costs
Product/Service	Avg. material costs
Product/Service	Min. material costs
Product/Service	Max. material costs
Product/Service	Avg. personnel costs
Product/Service	Min. personnel costs
Product/Service	Max. personnel costs
Product/Service	Avg. operating supplies costs
Product/Service	Min. operating supplies costs

Table 13–614 (Cont.) Product/Service

Product/Service	Name
Product/Service	Max. operating supplies costs
Product/Service	Avg. energy costs
Product/Service	Min. energy costs
Product/Service	Max. energy costs
Product/Service	Avg. various overhead costs
Product/Service	Min. various overhead costs
Product/Service	Max. various overhead costs
Product/Service	Avg. costs for depreciation/repair/maintenance
Product/Service	Min. costs for depreciation/repair/maintenance
Product/Service	Max. costs for depreciation/repair/maintenance
Product/Service	Avg. imputed interest
Product/Service	Min. imputed interest
Product/Service	Max. imputed interest
Product/Service	Avg. other costs
Product/Service	Min. other costs
Product/Service	Max. other costs
Product/Service	Significance
Product/Service	Internal process (actual)
Product/Service	Internal process (target)
Product/Service	Most important competitor
Product/Service	Digit
Product/Service	Budgetary relation
Product/Service	Federal government
Product/Service	Federal land
Product/Service	Citizen
Product/Service	Free market
Product/Service	Other
Product/Service	Order processing
Product/Service	Price
Product/Service	Product quantity
Product/Service	Minimum capacity
Product/Service	Maximum capacity
Product/Service	Startup capacity
Product/Service	Do
Product/Service	Exit
Product/Service	Entry
Product/Service	Transmission type, online
Product/Service	Transmission type, batch
Product/Service	Transmission type, manually
Product/Service	Sales product
Product/Service	Stereotype

13.3.2.153 Product/Service characteristic

Table 13–615 *Product/Service characteristic*

Product/Service characteristic	Name
Product/Service characteristic	Standard Attributes

13.3.2.154 Profile

Table 13–616 *Profile*

Profile	Name
Profile	Standard Attributes
Profile	Identifier
Profile	Description/Definition
Profile	Remark/Example

13.3.2.155 Program library

Table 13–617 *Program library*

Program library	Standard Attributes
Program library	Manufacturer
Program library	Release
Program library	Size in KBytes

13.3.2.156 Program module

Table 13–618 *Program module*

Program module	Name
Program module	Standard Attributes

13.3.2.157 Program module type

Table 13–619 *Program module type*

Program module type	Standard Attributes
Program module type	Size in KBytes
Program module type	Archiving
Program module type	Format

13.3.2.158 Programming language

Table 13–620 *Programming language*

Programming language	Name
Programming language	Standard Attributes

13.3.2.159 Protocol

Table 13–621 *Protocol*

Protocol	Standard Attributes
Protocol	Protocol layer
Protocol	Default (import)

13.3.2.160 Quick object

Table 13–622 *Quick object*

Quick object	Name
Quick object	Standard Attributes

13.3.2.161 Radio button/Check box

Table 13–623 *Radio button/Check box*

Radio button/Check box	Standard Attributes
Radio button/Check box	Field type
Radio button/Check box	Tabindex

13.3.2.162 Reception

Table 13–624 *Reception*

Reception	Name
Reception	Standard Attributes
Reception	Identifier
Reception	Description/Definition
Reception	Remark/Example
Reception	IsRoot
Reception	IsLeaf
Reception	IsAbstract
Reception	IsStatic
Reception	Visibility
Reception	IsQuery
Reception	Specification
Reception	Stereotype

13.3.2.163 Relation

Table 13–625 *Relation*

Relation	Standard Attributes
Relation	Archiving
Relation	Throughput/avg. access
Relation	Relevance to data protection act
Relation	Quality of specialist support
Relation	SQL name

13.3.2.164 Relationship

Table 13–626 Relationship

Relationship	Standard Attributes
Relationship	Default (import)
Relationship	Data type
Relationship	Last modification date
Relationship	Creation date
Relationship	Object access ID
Relationship	Template
Relationship	Default name

13.3.2.165 Relationship type

Table 13–627 Relationship type

Relationship type	Standard Attributes
Relationship type	Synonyms
Relationship type	Integrity conditions
Relationship type	Storage type
Relationship type	Throughput/avg. access
Relationship type	No. of occurrences - max.
Relationship type	No. of occurrences - min.
Relationship type	No. of occurrences - avg.
Relationship type	No. of occurrences - trend
Relationship type	SQL name
Relationship type	Aggregation
Relationship type	Text
Relationship type	Default (import)
Relationship type	Data type
Relationship type	Object access ID
Relationship type	Template
Relationship type	Default name
Relationship type	WPDL-external attribute list
Relationship type	Transient

13.3.2.166 Risk

Table 13–628 Risk

Risk	Standard Attributes
Risk	Synonyms
Risk	System-internal
Risk	System-external
Risk	Company-internal
Risk	Company-external
Risk	Trigger

Table 13–628 (Cont.) Risk

Risk	Standard Attributes
Risk	Condition
Risk	Type of origin
Risk	Frequency, daily
Risk	Frequency, weekly
Risk	Frequency, monthly
Risk	Frequency, annually
Risk	Release
Risk	Workflow
Risk	Communication channel
Risk	Parameter list
Risk	Keyword
Risk	Milestone ID
Risk	Probability
Risk	Central control code
Risk	Local control code
Risk	Last evaluation
Risk	Reduced average amount of damages
Risk	Reduced maximum amount of damages
Risk	Reduced minimum amount of damages
Risk	Reduced occurrence frequency of the average amount of damages
Risk	Reduced occurrence frequency of the maximum amount of damages
Risk	Reduced occurrence frequency of the minimum amount of damages
Risk	Occurrence frequency of the average amount of damages
Risk	Occurrence frequency of the maximum amount of damages
Risk	Occurrence frequency of the minimum amount of damages
Risk	Average amount of damages
Risk	Maximum amount of damages
Risk	Minimum amount of damages
Risk	Amount of damages
Risk	Occurrence frequency
Risk	Reduced amount of damages
Risk	Reduced occurrence frequency
Risk	Period of review
Risk	Earliest date of occurrence
Risk	Duration of damage effect
Risk	Early warning indicators
Risk	Mutually exclusive damages
Risk	Basis of valuation
Risk	Data source

13.3.2.167 Risk category

Table 13–629 Risk category

Risk category	Standard Attributes
Risk category	Color (hexadecimal)

13.3.2.168 Rule

Table 13–630 Rule

Rule	Name
Rule	Standard Attributes
Rule	Identifier
Rule	Description/Definition
Rule	Remark/Example
Rule	Operator type
Rule	Text
Rule	Default (import)
Rule	Synchronization time
Rule	Error message on non-compliance
Rule	WPDL-external attribute list
Rule	Usage type
Rule	Synchronization type
Rule	Number of synchronizations
Rule	Gateway type
Rule	To
Rule	From
Rule	Assign time
Rule	Condition
Rule	Stereotype
Rule	Incoming condition
Rule	Outgoing condition
Rule	Join condition
Rule	Suppress join failure
Rule	Extension XML

13.3.2.169 Rule instance

Table 13–631 Rule instance

Rule instance	Standard Attributes
Rule instance	Default (import)
Rule instance	Error message on non-compliance
Rule instance	Status

13.3.2.170 Screen

Table 13–632 *Screen*

Screen	Name
Screen	Standard Attributes

13.3.2.171 Screen design

Table 13–633 *Screen design*

Screen design	Name
Screen design	Standard Attributes

13.3.2.172 Screen table

Table 13–634 *Screen table*

Screen table	Name
Screen table	Standard Attributes

13.3.2.173 Section

Table 13–635 *Section*

Section	Standard Attributes
Section	Column width
Section	Alignment

13.3.2.174 Security protocol

Table 13–636 *Security protocol*

Security protocol	Name
Security protocol	Standard Attributes

13.3.2.175 Separator

Table 13–637 *Separator*

Separator	Standard Attributes
Separator	Factor

13.3.2.176 Sequence

Table 13–638 *Sequence*

Sequence	Name
Sequence	Standard Attributes

13.3.2.177 Shift

Table 13–639 Shift

Shift	Standard Attributes
Shift	Relative shift start
Shift	Shift duration

13.3.2.178 Shift cycle

Table 13–640 Shift cycle

Shift cycle	Standard Attributes
Shift cycle	Relative cycle start
Shift cycle	Cycle duration
Shift cycle	Cyclical repeat
Shift cycle	Period

13.3.2.179 Shift plan

Table 13–641 Shift plan

Shift plan	Standard Attributes
Shift plan	Plan start
Shift plan	Plan duration
Shift plan	Cyclical repeat
Shift plan	Period

13.3.2.180 Signal

Table 13–642 Signal

Signal	Name
Signal	Standard Attributes
Signal	Identifier
Signal	Description/Definition
Signal	Remark/Example
Signal	IsRoot
Signal	IsLeaf
Signal	IsAbstract
Signal	Stereotype
Signal	IsPersistent

13.3.2.181 Socket

Table 13–643 Socket

Socket	Name
Socket	Standard Attributes

13.3.2.182 Sp./gen. operator

Table 13–644 *Sp./gen. operator*

Sp./gen. operator	Standard Attributes
Sp./gen. operator	Disjoint
Sp./gen. operator	Aspect

13.3.2.183 Spin box

Table 13–645 *Spin box*

Spin box	Standard Attributes
Spin box	Tabindex

13.3.2.184 State

Table 13–646 *State*

State	Standard Attributes
State	Do/activity
State	Entry/action
State	Exit/action
State	Event/action

13.3.2.185 State machine

Table 13–647 *State machine*

State machine	Name
State machine	Standard Attributes
State machine	Identifier
State machine	Description/Definition
State machine	Remark/Example
State machine	Stereotype

13.3.2.186 Stereotype

Table 13–648 *Stereotype*

Stereotype	Name
Stereotype	Standard Attributes
Stereotype	Identifier
Stereotype	Description/Definition
Stereotype	Remark/Example
Stereotype	IsRoot
Stereotype	IsLeaf
Stereotype	IsAbstract

13.3.2.187 Structural element

Table 13–649 *Structural element*

Structural element	Name
Structural element	Standard Attributes

13.3.2.188 Subsystem

Table 13–650 *Subsystem*

Subsystem	Name
Subsystem	Standard Attributes
Subsystem	Identifier
Subsystem	Description/Definition
Subsystem	Remark/Example
Subsystem	IsInstantiable
Subsystem	IsRoot
Subsystem	IsLeaf
Subsystem	IsAbstract
Subsystem	IsPersistent
Subsystem	Stereotype

13.3.2.189 Subsystem instance

Table 13–651 *Subsystem instance*

Subsystem instance	Name
Subsystem instance	Standard Attributes
Subsystem instance	Identifier
Subsystem instance	Description/Definition
Subsystem instance	Remark/Example
Subsystem instance	IsPersistent
Subsystem instance	Stereotype

13.3.2.190 System attribute

Table 13–652 *System attribute*

System attribute	Standard Attributes
System attribute	Value 1
System attribute	Value 2
System attribute	Default (import)
System attribute	SQL name

13.3.2.191 System attribute domain

Table 13–653 *System attribute domain*

System attribute domain	Standard Attributes
System attribute domain	Domain type
System attribute domain	Length
System attribute domain	Category
System attribute domain	Default (import)
System attribute domain	SQL name

13.3.2.192 System organizational unit

Table 13–654 *System organizational unit*

System organizational unit	Standard Attributes
System organizational unit	Release
System organizational unit	Text
System organizational unit	Default (import)

13.3.2.193 System organizational unit type

Table 13–655 *System organizational unit type*

System organizational unit type	Standard Attributes
System organizational unit type	Application
System organizational unit type	Release
System organizational unit type	Text
System organizational unit type	Default (import)

13.3.2.194 Table

Table 13–656 *Table*

Table	Standard Attributes
Table	Archiving
Table	Throughput/avg. access
Table	Quality of specialist support
Table	Relevance to data protection act
Table	SQL name

13.3.2.195 Tables (specimen)

Table 13–657 *Tables (specimen)*

Tables (specimen)	Standard Attributes
Tables (specimen)	SQL name

13.3.2.196 Tag definition

Table 13–658 *Tag definition*

Tag definition	Name
Tag definition	Standard Attributes
Tag definition	Identifier
Tag definition	Description/Definition
Tag definition	Remark/Example

13.3.2.197 Tagged value

Table 13–659 *Tagged value*

Tagged value	Name
Tagged value	Standard Attributes
Tagged value	Identifier
Tagged value	Description/Definition
Tagged value	Remark/Example

13.3.2.198 Tech. operating supply class

Table 13–660 *Tech. operating supply class*

Tech. operating supply class	Standard Attributes
Tech. operating supply class	Default (import)
Tech. operating supply class	Technical operating supply number
Tech. operating supply class	Value
Tech. operating supply class	Measurement unit
Tech. operating supply class	Frequency per time unit
Tech. operating supply class	Period of time
Tech. operating supply class	Production quantity
Tech. operating supply class	Measurement unit of production quantity
Tech. operating supply class	Period of time
Tech. operating supply class	Frequency per time period
Tech. operating supply class	Period of time
Tech. operating supply class	Serviceable life

13.3.2.199 Technical operating supply

Table 13–661 *Technical operating supply*

Technical operating supply	Standard Attributes
Technical operating supply	Default (import)
Technical operating supply	Technical operating supply number
Technical operating supply	Value
Technical operating supply	Measurement unit
Technical operating supply	Frequency per time unit
Technical operating supply	Period of time
Technical operating supply	Production quantity

Table 13–661 (Cont.) Technical operating supply

Technical operating supply	Standard Attributes
Technical operating supply	Measurement unit of production quantity
Technical operating supply	Period of time
Technical operating supply	Frequency per time period
Technical operating supply	Period of time
Technical operating supply	Serviceable life
Technical operating supply	Model
Technical operating supply	Manufacturer
Technical operating supply	Inventory number
Technical operating supply	Capacity
Technical operating supply	Priority

13.3.2.200 Technical operating supply type

Table 13–662 Technical operating supply type

Technical operating supply type	Standard Attributes
Technical operating supply type	Default (import)
Technical operating supply type	Technical operating supply number
Technical operating supply type	Value
Technical operating supply type	Measurement unit
Technical operating supply type	Frequency per time unit
Technical operating supply type	Period of time
Technical operating supply type	Production quantity
Technical operating supply type	Measurement unit of production quantity
Technical operating supply type	Period of time
Technical operating supply type	Frequency per time period
Technical operating supply type	Period of time
Technical operating supply type	Model
Technical operating supply type	Manufacturer
Technical operating supply type	Serviceable life

13.3.2.201 Technical term

Table 13–663 Technical term

Technical term	Standard Attributes
Technical term	Synonyms
Technical term	Throughput/avg. access
Technical term	No. of occurrences - max.
Technical term	No. of occurrences - min.
Technical term	No. of occurrences - avg.
Technical term	No. of occurrences - trend
Technical term	Text
Technical term	Default (import)

13.3.2.202 Technical terms instance

Table 13–664 *Technical terms instance*

Technical terms instance	Standard Attributes
Technical terms instance	Default (import)

13.3.2.203 Test definition

Table 13–665 *Test definition*

Test definition	Name
Test definition	Standard Attributes

13.3.2.204 Text

Table 13–666 *Text*

Text	Standard Attributes
Text	Hyperlink

13.3.2.205 Text box

Table 13–667 *Text box*

Text box	Standard Attributes
Text box	Field type
Text box	Encoded
Text box	Tabindex

13.3.2.206 Tool

Table 13–668 *Tool*

Tool	Name
Tool	Standard Attributes

13.3.2.207 Transaction folder

Table 13–669 *Transaction folder*

Transaction folder	Standard Attributes
Transaction folder	Default (import)
Transaction folder	Status
Transaction folder	Priority
Transaction folder	Resubmission date
Transaction folder	Resubmission reason

13.3.2.208 Transport system

Table 13–670 *Transport system*

Transport system	Standard Attributes
Transport system	Default (import)
Transport system	Transport system number
Transport system	Value
Transport system	Measurement unit
Transport system	Frequency per time unit
Transport system	Period of time
Transport system	Production quantity
Transport system	Measurement unit of production quantity
Transport system	Period of time
Transport system	Frequency per time period
Transport system	Period of time
Transport system	Model
Transport system	Manufacturer
Transport system	Inventory number
Transport system	Capacity
Transport system	Priority

13.3.2.209 Transport system class

Table 13–671 *Transport system class*

Transport system class	Standard Attributes
Transport system class	Default (import)
Transport system class	Transport system number
Transport system class	Value
Transport system class	Measurement unit
Transport system class	Frequency per time unit
Transport system class	Period of time
Transport system class	Production quantity
Transport system class	Measurement unit of production quantity
Transport system class	Period of time
Transport system class	Frequency per time period
Transport system class	Period of time

13.3.2.210 Transport system type

Table 13–672 *Transport system type*

Transport system type	Standard Attributes
Transport system type	Default (import)
Transport system type	Transport system number
Transport system type	Value
Transport system type	Measurement unit

Table 13–672 (Cont.) Transport system type

Transport system type	Standard Attributes
Transport system type	Frequency per time unit
Transport system type	Period of time
Transport system type	Production quantity
Transport system type	Measurement unit of production quantity
Transport system type	Period of time
Transport system type	Frequency per time period
Transport system type	Period of time
Transport system type	Model
Transport system type	Manufacturer

13.3.2.211 Tree control

Table 13–673 Tree control

Tree control	Standard Attributes
Tree control	Buttons
Tree control	Lines
Tree control	Lines at roots
Tree control	Check box
Tree control	Tabindex

13.3.2.212 UML Model

Table 13–674 UML Model

UML Model	Name
UML Model	Standard Attributes
UML Model	Identifier
UML Model	Description/Definition
UML Model	Remark/Example
UML Model	Stereotype

13.3.2.213 Use case instance

Table 13–675 Use case instance

Use case instance	Name
Use case instance	Standard Attributes
Use case instance	Identifier
Use case instance	Description/Definition
Use case instance	Remark/Example
Use case instance	IsPersistent
Use case instance	Stereotype

13.3.2.214 View

Table 13–676 View

View	Standard Attributes
View	SQL name

13.3.2.215 View (physical)

Table 13–677 View (physical)

View (physical)	Standard Attributes
View (physical)	SQL name

13.3.2.216 Warehouse equipment

Table 13–678 Warehouse equipment

Warehouse equipment	Standard Attributes
Warehouse equipment	Default (import)
Warehouse equipment	Warehouse equip. number
Warehouse equipment	Value
Warehouse equipment	Measurement unit
Warehouse equipment	Frequency per time unit
Warehouse equipment	Period of time
Warehouse equipment	Production quantity
Warehouse equipment	Measurement unit of production quantity
Warehouse equipment	Period of time
Warehouse equipment	Frequency per time period
Warehouse equipment	Period of time
Warehouse equipment	Model
Warehouse equipment	Manufacturer
Warehouse equipment	Inventory number
Warehouse equipment	Capacity
Warehouse equipment	Priority

13.3.2.217 Warehouse equipment class

Table 13–679 Warehouse equipment class

Warehouse equipment class	Standard Attributes
Warehouse equipment class	Default (import)
Warehouse equipment class	Warehouse equip. number
Warehouse equipment class	Value
Warehouse equipment class	Measurement unit
Warehouse equipment class	Frequency per time unit
Warehouse equipment class	Period of time
Warehouse equipment class	Production quantity
Warehouse equipment class	Measurement unit of production quantity

Table 13–679 (Cont.) Warehouse equipment class

Warehouse equipment class	Standard Attributes
Warehouse equipment class	Period of time
Warehouse equipment class	Frequency per time period
Warehouse equipment class	Period of time

13.3.2.218 Warehouse equipment type

Table 13–680 Warehouse equipment type

Warehouse equipment type	Standard Attributes
Warehouse equipment type	Default (import)
Warehouse equipment type	Warehouse equip. number
Warehouse equipment type	Value
Warehouse equipment type	Measurement unit
Warehouse equipment type	Frequency per time unit
Warehouse equipment type	Period of time
Warehouse equipment type	Production quantity
Warehouse equipment type	Measurement unit of production quantity
Warehouse equipment type	Period of time
Warehouse equipment type	Frequency per time period
Warehouse equipment type	Period of time
Warehouse equipment type	Model
Warehouse equipment type	Manufacturer

13.3.2.219 Workflow pattern

Table 13–681 Workflow pattern

Workflow pattern	Workflow pattern
Workflow pattern	Standard Attributes

13.3.2.220 XOR

Table 13–682 XOR

XOR	Name
XOR	Standard Attributes

13.4 ARIS Attribute Types

13.4.1 Possible Attribute Values

Table 13–683 *Attribute Type Name*

Attribute Type Name	Data Type	Maximum Length
Absolute change in MAC	Floating point number	7
Abstract process	Boolean	2
Abstract type	One-liner	1000
Achievement of objectives	Value	20
Action	N-liner	100
Action	One-liner	10000
Action when time limit exceeded	N-liner	1024
Activations	Integer	5
Actual time period	One-liner	20
Actual value	Floating point number	20
Ad hoc	Boolean	2
Address	N-liner	512
Aggregation	Boolean	2
Aggregation kind	Value	15
ALE Attribute	Boolean	2
Alias	One-liner	256
Alignment	Value	256
Allow participants to invite others	Boolean	2
Alternative status	Value	2
Amount	Integer	30
Amount of damages	Value	50
Amount per time unit	Integer	20
Annotations	N-liner	10000000
Application	N-liner	512
Archiving	Boolean	2
Aspect	N-liner	512
Assign time	Value	24
Assignment icon (UML Designer)	One-liner	10000000
Assignment type	Value	25
Association kind	Value	50
Association role (Src)	N-liner	100
Association role (Trg)	N-liner	100
Attachment	N-liner	10000000
Attachment	N-liner	10000
Attribute category	Value	20
Attribute default	Value	512
Attribute flag	Value	10
Author	N-liner	50
Auto central	Boolean	2
Auto decentralized	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Automatic	Boolean	2
Automatically controlled	Boolean	2
Available capacity	Floating point number	20
Average amount of damages	Combined	20
Average capacity	Floating point number	10
Average initial wait time	Combined	20
Average reduced relative probability	Floating point number domain	20
Average relative probability	Floating point number domain	20
Average wait time	Combined	20
Avg. costs for depreciation/repair/maintenance	Combined	20
Avg. energy costs	Combined	20
Avg. imputed interest	Combined	20
Avg. material costs	Combined	20
Avg. number	Integer	10
Avg. operating supplies costs	Combined	20
Avg. orientation time	Combined	20
Avg. other costs	Combined	20
Avg. personnel costs	Combined	20
Avg. processing time	Combined	20
Avg. throughput time	Combined	20
Avg. throughput time	Combined	20
Avg. total costs	Combined	20
Avg. total time	Combined	20
Avg. transmission time	Combined	20
Avg. utilization	Floating point number	10
Avg. various overhead costs	Combined	20
Avg. wait time	Combined	20
Background color	One-liner	50
Bank code	Integer	9
Base class	N-liner	10000000
Basis of valuation	Value	50
Batch central	Boolean	2
Batch decentralized	Boolean	2
Batch-controlled	Boolean	2
BCC	One-liner	1000
Bitmap path	One-liner	256
Body	N-liner	10000000
Book title	N-liner	100
Bottom margin	Boolean	2
BottomCenter	One-liner	1000
BottomLeft	One-liner	1000
BottomMargin	Integer	10

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
BottomRight	One-liner	1000
Bound	Integer	256
BPEL text attribute 1	N-liner	10000000
BPEL text attribute 2	N-liner	10000000
BPEL text attribute 3	N-liner	10000000
BPEL text attribute 4	N-liner	10000000
BPEL text attribute 5	N-liner	10000000
BPEL text attribute 6	N-liner	10000000
BPEL text attribute 7	N-liner	10000000
Break duration	Duration	30
Break start	Duration	30
BSC - Remark/Example	N-liner	10000000
Budgetary relation	N-liner	256
Buildtime EPC	Integer	8
Buttons	Boolean	2
Calculated end date	Date	20
Calculated operation costs	Floating point number	20
Calculated planned project costs	Floating point number	20
Calculated project duration	Combined	20
Calculated project end date	Date	20
Calculated project start date	Date	20
Calculated project work	Floating point number	20
Calculated resource costs	Floating point number	20
Calculated resource work	Floating point number	20
Calculated start date	Date	20
Calculation type for fixed date calculation	Value	30
Call mode	Value	30
Call when time limit exceeded	Boolean	2
Can be delegated	Boolean	2
Can be reset	Boolean	2
Cancel possible	Boolean	2
Capacity	Integer domain	8
Cardinality (source)	Value	200
Cardinality (source)	Value	512
Cardinality (target)	Value	512
Cardinality (target)	Value	200
Catalog	One-liner	256
Category	Value	512
Category	N-liner	100
Category	Value	512
Category	One-liner	10
Cause of complaint	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
CC	One-liner	1000
CD Number	Integer	100
CD ratio denominator	Integer domain	2
CD ratio numerator	Integer	1
Central control code	N-liner	300
Change expression	N-liner	10000000
Change expression language	One-liner	500
Change history	N-liner	10000000
Change in percent	Floating point number	6
Change management	Boolean	2
Change privilege	Boolean	2
Changeability	Value	50
Changed by	N-liner	100
Changed on	Date	20
Channel	Value	10
Chapter name	One-liner	100
CharSet	Integer	10
Check box	Boolean	2
Checked by	N-liner	100
Checked on	Date	20
Citizen	Combined	20
Class attribute	Boolean	2
Class operation	Boolean	2
Client	One-liner	4
Client name	N-liner	256
Color (hexadecimal)	One-liner	6
Column width	Value	256
Combo flag	Value	20
Commit resource	Boolean	2
Communication channel	One-liner	2
Company	One-liner	250
Company affiliation	Value	512
Company affiliation	Value	512
Company code	One-liner	4
Company-external	Boolean	2
Company-internal	Boolean	2
Comparison attribute	Integer	4
Comparison operator	Value	20
Comparison value	N-liner	80
Comparison value (logical)	Boolean	2
Comparison value (numeric)	Floating point number	10
Compensation	One-liner	1000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Compensation activity	Boolean	2
Complaint duration	Duration	20
Complaint pending	Boolean	2
Completion condition	One-liner	1000
Complex	One-liner	1000
Complexity	One-liner	10
Compression type	N-liner	80
Computer center (CC) costs	Combined	20
Concurrency	Value	20
Concurrency	Value	15
Condition	N-liner	255
Condition	Boolean	2
Condition	N-liner	100
Condition	N-liner	10000000
Condition	Value	50
Condition expression	One-liner	1000
Condition expression	One-liner	500
Condition is checked only once	Boolean	2
Condition language	One-liner	500
Conditions	N-liner	300
Conflict class	Value	25
Conflict type	Value	25
Connection role	N-liner	100
Connection shortcut	N-liner	10000000
Constraint	N-liner	512
Constraint	N-liner	256
Constraint (Src)	N-liner	256
Constraint (Trg)	N-liner	256
Contact person	N-liner	250
Containment	Value	20
Containment (Src)	Value	20
Containment (Trg)	Value	20
Cost category no.	One-liner	10
Cost category type	One-liner	2
Cost center ID	Boolean	2
Cost center number	One-liner	20
Cost driver	One-liner	20
Cost rate	Floating point number	20
Cost rate	Floating point number	20
Cost rate	Combined	20
Costs	One-liner	100
Costs (CD)	Floating point number	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Costs per unit	Combined	40
Coverage quality	Value	20
Create	Boolean	2
Create instance	Boolean	2
Create privilege	Boolean	2
Created by	N-liner	100
Created in R/3 release	N-liner	4
Created on	Date	20
Creation date	Point in time	20
Creator	N-liner	81
Current capacity	Integer	10
Current costs	Floating point number	20
Current duration	Combined	20
Current end date	Date	20
Current object	Integer	8
Current operation work	Floating point number	20
Current planned project costs	Floating point number	20
Current project duration	Combined	20
Current project end date	Date	20
Current project start date	Date	20
Current project work	Floating point number	20
Current provision time	Point in time	20
Current resource costs	Floating point number	20
Current resource work	Floating point number	20
Current start date	Date	20
Current start time	Point in time	20
Current status	One-liner	50
Current user	Integer	8
Customer	N-liner	49
Cycle duration	Duration	30
Cycle exit	Boolean	2
Cycle frequency	Integer	20
Cyclical repeat	Boolean	2
Dangerous goods note	One-liner	100
Dangerous goods number	One-liner	100
Data management system	One-liner	30
Data source	Value	50
Data type	Value	512
Data type	Value	20
Data type	Value	10
Data type operations	N-liner	512
Data value	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Database	N-liner	100
Database export	Boolean	2
Database management	Boolean	2
Deactivated	Boolean	2
Decimal places	Integer	3
Default	Boolean	2
Default (import)	N-liner	512
Default function	Boolean	2
Default name	N-liner	20
Default value	One-liner	100
Default value	N-liner	150
Default value	One-liner	1000
Default value language	One-liner	500
Defines process PartnerLink	Boolean	2
Degree of activation	Floating point number	10
Degree of coverage	Integer domain	3
Degree of division	Value	512
Degree of fulfillment	Floating point number	10
Degree of goal accomplishment	Floating point number	20
Degree of requirement satisfaction	Value	512
Degree of utilization	Floating point number	10
Degree of utilization	Floating point number	10
Delayed forwarding possible	Boolean	2
Delete	Boolean	2
Delete privilege	Boolean	2
Derived	Boolean	2
Derived attribute	Boolean	2
Description 1	N-liner	256
Description 1	N-liner	512
Description 10	N-liner	256
Description 2	N-liner	256
Description 2	N-liner	512
Description 3	N-liner	256
Description 3	N-liner	512
Description 4	N-liner	256
Description 4	N-liner	512
Description 5	N-liner	256
Description 6	N-liner	256
Description 7	N-liner	256
Description 8	N-liner	256
Description 9	N-liner	256
Description of attribute derivation	One-liner	400

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Description of buildtime EPC	Integer	20
Description of runtime EPC	Integer	20
Description/Definition	N-liner	10000000
Descriptive text	N-liner	80
Desired degree of coverage	Integer domain	3
Desired end after instance creation	Duration	20
Desired end time	Point in time	20
Desired processing time	Duration	20
Desired start after instance creation	Duration	20
Desired start time	Point in time	20
Desired total time	Duration	20
Desktop integration	One-liner	2
Development costs	Combined	20
Development costs (estimated)	Combined	20
Development effort	Combined	10
Development effort (estimated)	Combined	10
Diagrams	N-liner	10000000
Digit	N-liner	30
Direction	Value	50
Direction	Value	20
Direction of planning	Value	20
Disabled	Boolean	2
Discriminator	One-liner	32000
Disjoint	Boolean	2
Display	One-liner	255
Distinguished name	One-liner	550
Distribution	Longtext	80
Distribution according to cost driver	Boolean	2
Distribution list	N-liner	10000000
Do	N-liner	100
Do/activity	N-liner	300
Document handling in loops	Value	20
Domain type	Value	512
DrawLines	Boolean	2
Due date of fixed costs	Value	20
Dunning period	N-liner	40
Duration	Integer domain	20
Duration of damage effect	Duration	50
Duration of interruption	Duration	20
Dynamic arguments	N-liner	10000000
Dynamic arguments language	One-liner	500
Dynamic wait time sum	Duration	30

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
E-mail address	One-liner	512
Earliest date of occurrence	Date	50
Earliest end after instance creation	Duration	20
Earliest end date	Date	20
Earliest end time	Point in time	20
Earliest start after instance creation	Duration	20
Earliest start date	Date	20
Earliest start time	Point in time	20
Early warning indicators	N-liner	1000
eERM modeling convention	Value	20
Employee	One-liner	100
Employee council name	One-liner	512
Employee council number	Integer	2
Enable instance compensation	Boolean	2
Encoded	Boolean	2
Encoding	N-liner	20
End after instance creation	N-liner	20
End date	Date	20
End date	Date	20
End date	Date	20
End of complaint	Point in time	20
End of compression	Point in time	20
End of interruption	Point in time	20
End step	Boolean	2
End time	Point in time	20
End time after instance creation	Duration	20
Entry	N-liner	100
Entry/action	N-liner	300
Error code	One-liner	256
Error message on non-compliance	Boolean	2
Estimated duration	Combined	20
Evaluate condition immediately	Boolean	2
Evaluation time	Point in time	20
Event	N-liner	300
Event	N-liner	100
Event/action	N-liner	300
Exceptions	N-liner	32000
Execution sequence	Integer	4
Existence	Boolean	2
Exit	N-liner	100
Exit possible	Boolean	2
Exit/action	N-liner	300

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Expense	Combined	20
Expiration	Duration	20
Expired	Boolean	2
Expression language	One-liner	500
Extension XML	One-liner	500
External	Boolean	2
External documents	N-liner	10000000
External entity 1	N-liner	512
External entity 2	N-liner	512
External entity 3	N-liner	512
External entity 4	N-liner	512
External entity 5	N-liner	512
Factor	Integer	4
Fax number	N-liner	512
Federal government	Combined	20
Federal land	Combined	20
Field type	Value	100
Field type	Value	100
Field type	Value	100
Finishes	Boolean	2
First name	N-liner	64
Fixed costs per operation	Floating point number	20
Fixed date	Date	20
Fixed planned operation costs	Floating point number	20
Folder rule test	N-liner	2024
Font	One-liner	50
Font color	One-liner	50
Font format management	Boolean	2
Font size	Integer	2
FontName	N-liner	256
FontSize	N-liner	5
Format	Integer	40
Forwarding allowed	Boolean	2
Frame width	Integer	4
Free market	Combined	20
Free search access	Boolean	2
Frequency of execution	Integer	12
Frequency per time period	Integer	100
Frequency per time period	Integer	20
Frequency per time unit	Integer	100
Frequency, annually	Integer	12
Frequency, daily	Integer	12

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Frequency, monthly	Integer	12
Frequency, weekly	Integer	12
Friendship	Boolean	2
Friendship (Src)	Boolean	2
Friendship (Trg)	Boolean	2
From	One-liner	1000
From	One-liner	256
From expression	One-liner	500
From literal	One-liner	500
Fulfillment of the critical factors	Integer domain	32
Full name	N-liner	255
Full name	N-liner	100
Function type number	Integer	1
Future significance	Value	20
Gateway type	Value	64
Hazard class	One-liner	100
Head of cost center	N-liner	22
Heading 1	N-liner	200
Heading 2	N-liner	200
Height	Floating point number	4
Hierarchy number	N-liner	10
History	N-liner	10000000
Home directory	N-liner	128
Home page	One-liner	256
Horizontal	Boolean	2
Hyperlink	One-liner	512
Icon	N-liner	10000000
ID	One-liner	255
Identifier	One-liner	32
Identifying	Boolean	2
Ignore	Boolean	2
Implementation	Value	50
Import location	One-liner	500
Imported	Boolean	2
Improvement potential	N-liner	10000000
In use since	Date	12
Incoming condition	N-liner	1000
Index 1	Floating point number	12
Index 2	Floating point number	12
Index 3	Floating point number	12
Index 4	Floating point number	12
Index unit 1	One-liner	50

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Index unit 2	One-liner	50
Index unit 3	One-liner	50
Index unit 4	One-liner	50
Indicator type	Value	20
Individual access privileges	Boolean	2
Initial value	N-liner	256
Initial value language	One-liner	500
Initial wait time	Combined	20
Initiate	Boolean	2
Initiative status	Value	75
Input (facts)	N-liner	1000
Input map	N-liner	5000
Instance creation time	Point in time	20
Instance value	N-liner	80
Instantiate	Boolean	2
Integrity conditions	N-liner	100
Interface	N-liner	81
Interface implementation	N-liner	10000000
Internal	Boolean	2
Internal entity 1	N-liner	512
Internal entity 2	N-liner	512
Internal entity 3	N-liner	512
Internal entity 4	N-liner	512
Internal entity 5	N-liner	512
Internal process (actual)	Floating point number	20
Internal process (target)	Floating point number	20
Interruptable	Boolean	2
Interruption time sum	Duration	20
Interval duration	Duration	30
Invariances	N-liner	10000000
Inventory number	One-liner	100
Inventory number	One-liner	100
Is of partner link type	One-liner	500
Is preset	Boolean	2
Is read	Boolean	2
IsAbstract	Boolean	2
IsActive	Boolean	2
IsAsynchronous	Boolean	2
IsBinary	Boolean	2
IsChangeable (Src)	Boolean	2
IsChangeable (Trg)	Boolean	2
IsConcurrent	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
IsDynamic	Boolean	2
IsInstantiable	Boolean	2
IsLeaf	Boolean	2
IsMultipleTrigger	Boolean	2
IsNavigable (Src)	Boolean	2
IsNavigable (Trg)	Boolean	2
ISO 9000 relevant	Boolean	2
IsOrdered (Src)	Boolean	2
IsOrdered (Trg)	Boolean	2
IsPersistent	Boolean	2
IsPolymorphic	Boolean	2
IsQuery	Boolean	2
IsRoot	Boolean	2
IsSpecification	Boolean	2
IsStatic	Boolean	2
IsSynch	Boolean	2
IsTypeScope	Boolean	2
IsVolatile	Boolean	2
Join condition	One-liner	1000
Keyword	N-liner	80
Kind of copy	Value	10
Knowledge advantage	Integer domain	3
Knowledge usage	Integer domain	3
KPI evaluation	Value	512
Language	One-liner	500
Language	N-liner	3
Languages	N-liner	500
Last change	Point in time	20
Last change (transformation)	Point in time	20
Last change (Workflow)	Point in time	32
Last change in R/3 release	N-liner	4
Last evaluation	Point in time	20
Last modification date	Point in time	20
Last status (CMA)	Value	20
Last user	N-liner	100
Latest end after instance creation	Duration	20
Latest end date	Date	20
Latest end time	Point in time	20
Latest start after instance creation	Duration	20
Latest start date	Date	20
Latest start time	Point in time	20
LDAP backup server 1	One-liner	250

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
LDAP backup server 2	One-liner	250
LDAP login	Boolean	2
LDAP login server URL	One-liner	250
LDAP user group IDs	N-liner	10000000
LDAP user ID	N-liner	255
Left margin	Boolean	2
LeftMargin	Integer	10
Length	Integer	100
Length	Integer	10
Length of entry field	Integer	3
License number	One-liner	100
Line position	Boolean	2
Lines	Boolean	2
Lines at roots	Boolean	2
Link 1	Link/File	512
Link 2	Link/File	512
Link 3	Link/File	512
Link 4	Link/File	512
Link ID	One-liner	256
LNC Link1	N-liner	1000
LNC Title1	N-liner	100
Local control code	N-liner	300
Location	N-liner	10000000
Location type	Value	512
Loop condition	One-liner	1000
Loop flow condition	Value	32
Loop type	Value	50
Lower limit	Floating point number	20
Mandatory	Boolean	2
Manually	Boolean	2
Manufacturer	One-liner	100
Manufacturer	One-liner	50
Mapping	N-liner	500000
Mapping language	One-liner	500
Material number	One-liner	100
Material type	Value	512
Matrix column title	One-liner	81
Matrix row title	One-liner	81
Max. costs for depreciation/repair/maintenance	Combined	20
Max. energy costs	Combined	20
Max. imputed interest	Combined	20
Max. material costs	Combined	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Max. number	Integer	10
Max. operating supplies costs	Combined	20
Max. orientation time	Combined	20
Max. orientation time	Combined	20
Max. other costs	Combined	20
Max. personnel costs	Combined	20
Max. processing time	Combined	20
Max. processing time	Combined	20
Max. throughput time	Combined	20
Max. throughput time	Combined	20
Max. total costs	Combined	20
Max. total time	Combined	20
Max. transmission time	Combined	20
Max. various overhead costs	Combined	20
Max. wait time	Combined	20
Max. wait time	Combined	20
Maximum	Integer	20
Maximum amount of damages	Combined	20
Maximum capacity	Integer	10
Maximum initial wait time	Combined	20
Maximum processing time	Duration	20
Maximum reduced relative probability	Floating point number domain	20
Maximum relative probability	Floating point number domain	20
Maximum total time	Duration	20
Maximum value	Floating point number	20
Maximum wait time after start	Duration	20
Mean orientation time	Combined	20
Mean processing time	Combined	20
Measure	N-liner	10000000
Measurement unit	Value	512
Measurement unit (CDU)	One-liner	20
Measurement unit of costs	Value	512
Measurement unit of costs	Value	512
Measurement unit of costs (CD)	One-liner	20
Measurement unit of duration	Value	20
Measurement unit of production quantity	One-liner	100
Measurement unit of work	Value	512
Message	One-liner	256
Message number	N-liner	100
Message on error	Boolean	2
Method changes	Boolean	2
Milestone	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Milestone ID	Boolean	2
Min. costs for depreciation/repair/maintenance	Combined	20
Min. energy costs	Combined	20
Min. imputed interest	Combined	20
Min. material costs	Combined	20
Min. number	Integer	10
Min. operating supplies costs	Combined	20
Min. orientation time	Combined	20
Min. orientation time	Combined	20
Min. other costs	Combined	20
Min. personnel costs	Combined	20
Min. processing time	Combined	20
Min. processing time	Combined	20
Min. throughput time	Combined	20
Min. throughput time	Combined	20
Min. total costs	Combined	20
Min. total time	Combined	20
Min. transmission time	Combined	20
Min. various overhead costs	Combined	20
Min. wait time	Combined	20
Min. wait time	Combined	20
Minimum amount of damages	Combined	20
Minimum capacity	Integer	10
Minimum initial wait time	Combined	20
Minimum processing time	Duration	20
Minimum reduced relative probability	Floating point number domain	20
Minimum relative probability	Floating point number domain	20
Minimum total time	Duration	20
Minimum value	Floating point number	20
Miscellaneous requirements	N-liner	10000000
Model	One-liner	10
Model	One-liner	100
Model attribute number	Integer	10
Model status	Value	12
Modification mode	Value	20
Modify	Boolean	2
Module code	Value	20
Most important competitor	Floating point number	20
Multiple procedures	Value	30
Multiple value tag	Value	100
Multiplicity	Value	20
Multiplicity	One-liner	500

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Multiplicity (Src)	One-liner	6
Multiplicity (Trg)	One-liner	6
Must	Boolean	2
Must be signed	Boolean	2
Mutually exclusive damages	Boolean	2
Name	N-liner	81
Name	N-liner	81
Name (full)	N-liner	20000
Name (passive)	N-liner	56
Name direction	One-liner	100
Name ext. system (alias)	One-liner	33
Navigators	Boolean	2
Nesting depth	Integer	4
Network access procedure	Value	512
Network extension	Value	512
Network topology	Value	512
Network topology	Value	512
Network typification	Value	512
No. of occurrences - avg.	Integer	12
No. of occurrences - max.	Integer	12
No. of occurrences - min.	Integer	12
No. of occurrences - trend	One-liner	60
Non-functional requirements	N-liner	10000000
NOT NULL	Boolean	2
Notation	Boolean	2
Notation 1	N-liner	512
Notation 2	N-liner	512
Notation 3	N-liner	512
Notation 4	N-liner	512
Notation 5	N-liner	512
Notification/Reminder	One-liner	255
Number 1	Integer	20
Number 2	Integer	20
Number 3	Integer	20
Number of channels	Integer	10
Number of compressed models	Integer	8
Number of compressed object definitions	Integer	10
Number of employees	Integer domain	10
Number of events not yet evaluated	Integer	10
Number of false events	Integer	10
Number of function executions	Integer	5
Number of interruptions while orienting	Integer	8

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Number of interruptions while processing	Integer	8
Number of lines	Integer	2
Number of process instances	Integer	10
Number of required employees	Integer	20
Number of synchronizations	Integer	20
Number of true events	Integer	10
O category name	One-liner	512
O category number	Integer	2
O competitive situation name	One-liner	512
O competitive situation number	Integer	2
O equipment name	One-liner	512
O equipment number	Integer	2
O location name	One-liner	512
O location number	Integer	2
O size	Integer	2
Object access ID	N-liner	1024
Occurrence frequency	Value	50
Occurrence frequency of the average amount of damages	Floating point number	20
Occurrence frequency of the maximum amount of damages	Floating point number	20
Occurrence frequency of the minimum amount of damages	Floating point number	20
OID	One-liner	200
Online central	Boolean	2
Online decentralized	Boolean	2
Only direct data visible	Boolean	2
Opaque	Boolean	2
Operand	N-liner	80
Operand (logical)	Boolean	2
Operand (numeric)	Longtext	50
Operand position	Integer	20
Operating resource number	One-liner	100
Operating system	One-liner	30
Operation	N-liner	100
Operation	N-liner	81
Operation work	Floating point number	20
Operations	N-liner	300
Operator	Value	2
Operator type	Value	512
Optional attribute	Boolean	2
Order processing	Value	20
Ordered	One-liner	60

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Ordinal	Integer	4
Ordinal number	Integer	50
Organization	N-liner	500
Organizational unit	One-liner	250
Orientation (always)	Boolean	2
Orientation necessary	Value	50
Orientation time	Longtext	50
Orientation time	Combined	20
Orientation time sum	Duration	30
Origin	One-liner	500
Original name	N-liner	255
Other	Combined	20
Other applicable documents	N-liner	10000000
Outcome	One-liner	1000
Outgoing condition	N-liner	1000
Output (watch)	N-liner	1000
Output map	N-liner	5000
Overlap time	Combined	20
Overtime cost rate	Floating point number	20
Owner	One-liner	255
Packaging instruction/rule	One-liner	100
Packaging material number	One-liner	100
Packaging type	Value	512
Page flow	One-liner	255
Parallel instance generation	Boolean	2
Parameter	N-liner	10000000
Parameter 1	N-liner	260
Parameter 2	N-liner	260
Parameter 3	N-liner	260
Parameter 4	N-liner	260
Parameter entity 1	N-liner	512
Parameter entity 2	N-liner	512
Parameter entity 3	N-liner	512
Parameter entity 4	N-liner	512
Parameter entity 5	N-liner	512
Parameter key	N-liner	10000000
Parameter list	N-liner	2048
Parameter list	N-liner	128
Participant	N-liner	81
Path condition	One-liner	255
Pattern	Value	6
Performance scale	One-liner	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Period	Duration	30
Period of review	Combined	100
Period of time	Combined	60
Period of time	Combined	100
Period of time	Combined	100
Period of time	Combined	100
Person responsible	One-liner	250
Person status	Value	20
Picture	Link/File	256
PIP standard processing time [min]	Integer	6
Plan duration	Duration	30
Plan start	Point in time	30
Plan value	Floating point number	20
Planning constraint	Value	512
Planning status	Value	2
Pool type	Value	50
Position	Value	15
Position	Integer	15
PPM query	N-liner	10000000
Prefix management	Boolean	2
Previous object	Integer	8
Previous user	Integer	8
Price	Combined	20
Primary affiliation	Boolean	2
Primary quantity	N-liner	100
PrintBold	N-liner	5
PrintItalic	N-liner	5
Priority	Value	15
Priority	Value	512
Priority	Integer	8
Priority	Integer domain	2
Priority	Integer	2
Priority change allowed	Boolean	2
Privileges can be changed by creator	Boolean	2
Privileges can be changed by current user	Boolean	2
Probability	Floating point number domain	20
Process	One-liner	1000
Process category	Value	512
Process description	N-liner	10000000
Process folders discarded	Integer domain	10
Process folders in dynamic wait state	Integer	4
Process folders in orientation	Integer	4

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Process folders in process	Integer	4
Process folders in static wait state	Integer	4
Process folders processed	Integer	5
Process folders received	Integer	5
Process folders received	Integer domain	10
Process folders waiting	Integer domain	10
Process instantiations	Integer	5
Process manager	N-liner	80
Process performance	Integer domain	32
Process priority	Integer	8
Process reference	One-liner	1000
Process successor immediately	Boolean	2
Process type	Value	10
Processes to be processed	Integer domain	8
Processing code	One-liner	30
Processing time	Longtext	70
Processing time	N-liner	20
Processing time	Combined	20
Processing time sum	Duration	30
Product quantity	Integer	10
Production quantity	One-liner	100
Project description	N-liner	1032
Project manager	N-liner	49
Project name	N-liner	256
Project type	N-liner	49
Protocol	One-liner	32000
Protocol layer	Value	512
Provision time	Point in time	20
Pseudostate kind	Value	50
Purpose	N-liner	10000000
Qualification	One-liner	32000
Qualifier	One-liner	20
Quality of specialist support	Value	512
Quantity	Floating point number	10
Query expression	One-liner	500
Query language	One-liner	500
Read	Boolean	2
Read privilege	Boolean	2
Realized from	Date	12
Realized until	Date	12
Receiver	One-liner	1000
Recipient can be changed on exit	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Recipient can be changed on forwarding	Boolean	2
Recurrence	N-liner	10000000
Recurrence language	One-liner	500
Reduced amount of damages	Value	50
Reduced average amount of damages	Combined	20
Reduced maximum amount of damages	Combined	20
Reduced minimum amount of damages	Combined	20
Reduced occurrence frequency	Value	50
Reduced occurrence frequency of the average amount of damages	Floating point number	20
Reduced occurrence frequency of the maximum amount of damages	Floating point number	20
Reduced occurrence frequency of the minimum amount of damages	Floating point number	20
Reducing the amount of damages in risks	Combined	20
Reducing the occurrence frequency of risks	Floating point number	20
Reference code	N-liner	80
Reference code can be changed	Boolean	2
Reference state	One-liner	1000
Reference type	One-liner	1000
Regulation for variable date calculation	N-liner	1024
Relationship category	Value	2
Relative cycle start	Duration	30
Relative frequency	Floating point number domain	20
Relative interval start	Duration	30
Relative shift start	Duration	30
Release	One-liner	16
Release	One-liner	16
Released by	N-liner	100
Released on	Date	20
Relevance to data protection act	Boolean	2
Relevant	Boolean	2
Remark	N-liner	10000000
Remark/Example	N-liner	10000000
Replaces version	One-liner	20
Reply to	N-liner	10000000
Reported on	Date	20
Repository	One-liner	256
Represented by	Value	15
Required capacity	Floating point number	20
Required capacity	Integer domain	8
ResCode	N-liner	255
Resource allocation	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Responsibility	N-liner	200
Responsible	One-liner	20
Restricted actions	One-liner	255
Restrictive period	N-liner	40
Resubmission date	Point in time	22
Resubmission reason	N-liner	2024
Result	N-liner	10000000
Return type	N-liner	60
Returning connection	Boolean	2
Right margin	Boolean	2
RightMargin	Integer	10
Risk history	N-liner	10000000
Risk manager: E-mail address	One-liner	512
Risk manager: Name	N-liner	81
Role	Value	20
Role	N-liner	255
Role binding	Boolean	2
Role type	Value	11
Rule attribute	Value	512
Rule expression	One-liner	1000
Rule name	N-liner	81
Rules	One-liner	256
Rules	N-liner	10000000
Runtime EPC	Integer	8
Safety class	Value	512
Safety class of specimens	One-liner	100
Sales product	Boolean	2
Scaling in %	Integer	4
Scheduled from	Date	12
Scheduled until	Date	12
Script	N-liner	10000000
Script language	One-liner	500
Search privilege for all previous WF users	Boolean	2
Search privilege for creators	Boolean	2
Search privilege for OU of the creator	Boolean	2
Search privilege for OU of the current user	Boolean	2
Search privilege for Pos1 of all superior OU's of the current user	Boolean	2
Search privilege for Pos1 of the OU of the current user	Boolean	2
Secondary key	Boolean	2
Secondary quantity	N-liner	100
Security classification	N-liner	256

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Security level	Value	10
Semantics	N-liner	10000000
Sequence	Integer	100
Sequence order	Integer	100
Service name	N-liner	20
Serviceable life	Combined	100
Services	N-liner	10000000
Session mode	Value	30
Shift duration	Duration	30
Short description	N-liner	80
Short text	N-liner	20
Show user management	Boolean	2
Significance	Value	20
Significance	Integer domain	3
Since/on	Date	20
Size	Value	512
Size	One-liner	32000
Size in KBytes	Integer	40
Skipping allowed	Boolean	2
Sorting sequence	Value	512
Source	N-liner	100
Space	One-liner	600
Specification	One-liner	1000
Specification	N-liner	200
SQL data type	One-liner	32
SQL name	One-liner	32
Staff position	Boolean	2
Standard daily working hours	Floating point number	10
Standard weekly working hours	Floating point number	10
Start	Date	20
Start after instance creation	N-liner	20
Start date	Date	20
Start of complaint	Point in time	20
Start of compression	Point in time	20
Start of interruption	Point in time	20
Start processing immediately	Boolean	2
Start step	Boolean	2
Start time	Point in time	20
Start time after instance creation	Duration	20
Startup capacity	Integer	10
Static	Boolean	2
Static (Src)	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Static (Trg)	Boolean	2
Static wait time	Longtext	50
Static wait time sum	Duration	30
Status	Value	20
Status	Value	20
Status	Value	512
Status	Value	20
Status	Value	20
Status (CMA)	Value	20
Status bar	One-liner	100
Stereotype	N-liner	256
Storage group	N-liner	100
Storage type	Value	512
Strategy	One-liner	1000
Strength of influence	Floating point number domain	20
Structural change speed	Integer domain	3
Subject	N-liner	80
Subject to management in batches	Boolean	2
Subprocess call type	Value	15
Subprocess type	Value	50
Success - Actual	Value	255
Success - Competitor	Value	255
Success - Target	Value	255
Sum of interruption time while orienting	Duration	8
Sum of interruption time while processing	Duration	8
Superior project nodes	One-liner	1000000
Suppress join failure	Boolean	2
Synchronization time	Longtext	30
Synchronization type	Value	20
Synonyms	N-liner	512
System-external	Boolean	2
System-internal	Boolean	2
Tabindex	Integer	10
Tag type	Value	50
Target	N-liner	10000000
Target language	One-liner	500
Target scope	Value	50
Target time period	One-liner	20
Target value	Floating point number	20
Task duration	Combined	20
Task parameters	N-liner	10000000
Task type	Value	50

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Technical operating supply number	One-liner	100
Telephone number	N-liner	512
Template	Link/File	512
Template	External identifier	20
Template	Integer domain	10
Temporary	Boolean	2
Terms/Abbreviations	N-liner	500
Test before	Boolean	2
Text	N-liner	10000000
Text 1	N-liner	255
Text 2	N-liner	255
Text 3	N-liner	255
Throughput/avg. access	Integer	12
Time	One-liner	32
Time cycle	N-liner	10000000
Time date	Point in time	256
Time expression	N-liner	10000000
Time expression language	One-liner	500
Time keys	Boolean	2
Time last used	Point in time	20
Time limit calculation	N-liner	256
Time limit with fixed date calc.	Integer	4
Time of folder event	Point in time	20
Time of generation	Point in time	20
Time of last transformation	Point in time	20
Timestamp	Point in time	20
Title	N-liner	10000000
Title	N-liner	64
Title	N-liner	200
Title 1	N-liner	400
Title 2	N-liner	400
Title 3	N-liner	400
Title 4	N-liner	400
Title/Name	One-liner	50
To	One-liner	100
To be completed by	Date	20
Tolerance administration	Integer	3
Tolerance control	Integer	3
Tolerance decision	Integer	3
Tolerance default processing	Integer	3
Tolerance executive management	Integer	3
Tolerance individual processing	Integer	3

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Tolerance range	Floating point number	20
Tolerance sales	Integer	3
Top margin	Boolean	2
TopCenter	One-liner	1000
TopLeft	One-liner	1000
TopMargin	Integer	10
TopRight	One-liner	1000
Total time	Combined	20
Total time	N-liner	20
Transaction	Boolean	2
Transaction ID	One-liner	1000
Transaction method	Value	50
Transaction protocol	One-liner	1000
Transient	Boolean	2
Transition condition	One-liner	500
Transmission medium	One-liner	100
Transmission speed	One-liner	50
Transmission time	Combined	20
Transmission time	Longtext	20
Transmission type, batch	Boolean	2
Transmission type, manually	Boolean	2
Transmission type, online	Boolean	2
Transport instruction/rule	One-liner	100
Transport system number	One-liner	100
Trigger	N-liner	10000000
Trigger	Boolean	2
Trigger function	Boolean	2
Trigger to be released	N-liner	1024
Trigger type	Value	50
Trigger/Result	Value	64
Triggers	N-liner	1000
Type	Value	5
Type	N-liner	256
Type	Value	512
Type	Value	10
Type	Item type	50
Type 1	One-liner	2
Type 2	One-liner	2
Type 3	One-liner	2
Type 4	One-liner	2
Type 5	One-liner	2
Type 6	One-liner	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Type 7	One-liner	2
Type of aggregation	One-liner	50
Type of origin	Value	512
UML Display options	N-liner	10000000
UML Font label	One-liner	50
UML Is root element	One-liner	255
UML Is stereotype	One-liner	50
UML link	Integer	1
UML Name label	One-liner	50
UML Source label	One-liner	50
UML Symbol name label	One-liner	50
UML Target label	One-liner	50
Unit	One-liner	15
Unit for date calculation	Value	20
Unit of capacity	One-liner	100
Updating frequency	Value	15
Upper limit	Floating point number	20
URI	One-liner	1000
Usage	Value	25
Usage factor	Floating point number	30
Usage time sum	Duration	20
Usage type	Value	10
User attribute Application system type	N-liner	10000000
User attribute Boolean (editable, language-dependent)	Boolean	2
User attribute Boolean (editable, language-independent)	Boolean	2
User attribute Boolean (read-only, language-dependent)	Boolean	2
User attribute Boolean (read-only, language-independent)	Boolean	2
User attribute Boolean 1	Boolean	2
User attribute Boolean 10	Boolean	2
User attribute Boolean 100	Boolean	2
User attribute Boolean 101	Boolean	2
User attribute Boolean 102	Boolean	2
User attribute Boolean 103	Boolean	2
User attribute Boolean 104	Boolean	2
User attribute Boolean 105	Boolean	2
User attribute Boolean 106	Boolean	2
User attribute Boolean 107	Boolean	2
User attribute Boolean 108	Boolean	2
User attribute Boolean 109	Boolean	2
User attribute Boolean 11	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Boolean 110	Boolean	2
User attribute Boolean 111	Boolean	2
User attribute Boolean 112	Boolean	2
User attribute Boolean 113	Boolean	2
User attribute Boolean 114	Boolean	2
User attribute Boolean 115	Boolean	2
User attribute Boolean 116	Boolean	2
User attribute Boolean 117	Boolean	2
User attribute Boolean 118	Boolean	2
User attribute Boolean 119	Boolean	2
User attribute Boolean 12	Boolean	2
User attribute Boolean 120	Boolean	2
User attribute Boolean 121	Boolean	2
User attribute Boolean 122	Boolean	2
User attribute Boolean 123	Boolean	2
User attribute Boolean 124	Boolean	2
User attribute Boolean 125	Boolean	2
User attribute Boolean 126	Boolean	2
User attribute Boolean 127	Boolean	2
User attribute Boolean 128	Boolean	2
User attribute Boolean 129	Boolean	2
User attribute Boolean 13	Boolean	2
User attribute Boolean 130	Boolean	2
User attribute Boolean 131	Boolean	2
User attribute Boolean 132	Boolean	2
User attribute Boolean 133	Boolean	2
User attribute Boolean 134	Boolean	2
User attribute Boolean 135	Boolean	2
User attribute Boolean 136	Boolean	2
User attribute Boolean 137	Boolean	2
User attribute Boolean 138	Boolean	2
User attribute Boolean 139	Boolean	2
User attribute Boolean 14	Boolean	2
User attribute Boolean 140	Boolean	2
User attribute Boolean 141	Boolean	2
User attribute Boolean 142	Boolean	2
User attribute Boolean 143	Boolean	2
User attribute Boolean 144	Boolean	2
User attribute Boolean 145	Boolean	2
User attribute Boolean 146	Boolean	2
User attribute Boolean 147	Boolean	2
User attribute Boolean 148	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Boolean 149	Boolean	2
User attribute Boolean 15	Boolean	2
User attribute Boolean 150	Boolean	2
User attribute Boolean 16	Boolean	2
User attribute Boolean 17	Boolean	2
User attribute Boolean 18	Boolean	2
User attribute Boolean 19	Boolean	2
User attribute Boolean 2	Boolean	2
User attribute Boolean 20	Boolean	2
User attribute Boolean 21	Boolean	2
User attribute Boolean 22	Boolean	2
User attribute Boolean 23	Boolean	2
User attribute Boolean 24	Boolean	2
User attribute Boolean 25	Boolean	2
User attribute Boolean 26	Boolean	2
User attribute Boolean 27	Boolean	2
User attribute Boolean 28	Boolean	2
User attribute Boolean 29	Boolean	2
User attribute Boolean 3	Boolean	2
User attribute Boolean 30	Boolean	2
User attribute Boolean 31	Boolean	2
User attribute Boolean 32	Boolean	2
User attribute Boolean 33	Boolean	2
User attribute Boolean 34	Boolean	2
User attribute Boolean 35	Boolean	2
User attribute Boolean 36	Boolean	2
User attribute Boolean 37	Boolean	2
User attribute Boolean 38	Boolean	2
User attribute Boolean 39	Boolean	2
User attribute Boolean 4	Boolean	2
User attribute Boolean 40	Boolean	2
User attribute Boolean 41	Boolean	2
User attribute Boolean 42	Boolean	2
User attribute Boolean 43	Boolean	2
User attribute Boolean 44	Boolean	2
User attribute Boolean 45	Boolean	2
User attribute Boolean 46	Boolean	2
User attribute Boolean 47	Boolean	2
User attribute Boolean 48	Boolean	2
User attribute Boolean 49	Boolean	2
User attribute Boolean 5	Boolean	2
User attribute Boolean 50	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Boolean 51	Boolean	2
User attribute Boolean 52	Boolean	2
User attribute Boolean 53	Boolean	2
User attribute Boolean 54	Boolean	2
User attribute Boolean 55	Boolean	2
User attribute Boolean 56	Boolean	2
User attribute Boolean 57	Boolean	2
User attribute Boolean 58	Boolean	2
User attribute Boolean 59	Boolean	2
User attribute Boolean 6	Boolean	2
User attribute Boolean 60	Boolean	2
User attribute Boolean 61	Boolean	2
User attribute Boolean 62	Boolean	2
User attribute Boolean 63	Boolean	2
User attribute Boolean 64	Boolean	2
User attribute Boolean 65	Boolean	2
User attribute Boolean 66	Boolean	2
User attribute Boolean 67	Boolean	2
User attribute Boolean 68	Boolean	2
User attribute Boolean 69	Boolean	2
User attribute Boolean 7	Boolean	2
User attribute Boolean 70	Boolean	2
User attribute Boolean 71	Boolean	2
User attribute Boolean 72	Boolean	2
User attribute Boolean 73	Boolean	2
User attribute Boolean 74	Boolean	2
User attribute Boolean 75	Boolean	2
User attribute Boolean 76	Boolean	2
User attribute Boolean 77	Boolean	2
User attribute Boolean 78	Boolean	2
User attribute Boolean 79	Boolean	2
User attribute Boolean 8	Boolean	2
User attribute Boolean 80	Boolean	2
User attribute Boolean 81	Boolean	2
User attribute Boolean 82	Boolean	2
User attribute Boolean 83	Boolean	2
User attribute Boolean 84	Boolean	2
User attribute Boolean 85	Boolean	2
User attribute Boolean 86	Boolean	2
User attribute Boolean 87	Boolean	2
User attribute Boolean 88	Boolean	2
User attribute Boolean 89	Boolean	2

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Boolean 9	Boolean	2
User attribute Boolean 90	Boolean	2
User attribute Boolean 91	Boolean	2
User attribute Boolean 92	Boolean	2
User attribute Boolean 93	Boolean	2
User attribute Boolean 94	Boolean	2
User attribute Boolean 95	Boolean	2
User attribute Boolean 96	Boolean	2
User attribute Boolean 97	Boolean	2
User attribute Boolean 98	Boolean	2
User attribute Boolean 99	Boolean	2
User attribute Date (editable, language-dependent)	Date	256
User attribute Date (editable, language-independent)	Date	256
User attribute Date (read-only, language-dependent)	Date	256
User attribute Date (read-only, language-independent)	Date	256
User attribute Date 1	Date	256
User attribute Date 10	Date	256
User attribute Date 2	Date	256
User attribute Date 3	Date	256
User attribute Date 4	Date	256
User attribute Date 5	Date	256
User attribute Date 6	Date	256
User attribute Date 7	Date	256
User attribute Date 8	Date	256
User attribute Date 9	Date	256
User attribute Duration (editable, language-dependent)	Duration	256
User attribute Duration (editable, language-independent)	Duration	256
User attribute Duration (read-only, language-dependent)	Duration	256
User attribute Duration (read-only, language-independent)	Duration	256
User attribute Duration 1	Duration	256
User attribute Duration 10	Duration	256
User attribute Duration 2	Duration	256
User attribute Duration 3	Duration	256
User attribute Duration 4	Duration	256
User attribute Duration 5	Duration	256
User attribute Duration 6	Duration	256
User attribute Duration 7	Duration	256

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Duration 8	Duration	256
User attribute Duration 9	Duration	256
User attribute Float 1	Floating point number	5
User attribute Float 10	Floating point number	5
User attribute Float 11	Floating point number	5
User attribute Float 12	Floating point number	5
User attribute Float 13	Floating point number	5
User attribute Float 14	Floating point number	5
User attribute Float 15	Floating point number	5
User attribute Float 16	Floating point number	5
User attribute Float 17	Floating point number	5
User attribute Float 18	Floating point number	5
User attribute Float 19	Floating point number	5
User attribute Float 2	Floating point number	5
User attribute Float 20	Floating point number	5
User attribute Float 21	Floating point number	5
User attribute Float 22	Floating point number	5
User attribute Float 23	Floating point number	5
User attribute Float 24	Floating point number	5
User attribute Float 25	Floating point number	5
User attribute Float 26	Floating point number	5
User attribute Float 27	Floating point number	5
User attribute Float 28	Floating point number	5
User attribute Float 29	Floating point number	5
User attribute Float 3	Floating point number	5
User attribute Float 30	Floating point number	5
User attribute Float 31	Floating point number	5
User attribute Float 32	Floating point number	5
User attribute Float 33	Floating point number	5
User attribute Float 34	Floating point number	5
User attribute Float 35	Floating point number	5
User attribute Float 36	Floating point number	5
User attribute Float 37	Floating point number	5
User attribute Float 38	Floating point number	5
User attribute Float 39	Floating point number	5
User attribute Float 4	Floating point number	5
User attribute Float 40	Floating point number	5
User attribute Float 41	Floating point number	5
User attribute Float 42	Floating point number	5
User attribute Float 43	Floating point number	5
User attribute Float 44	Floating point number	5
User attribute Float 45	Floating point number	5

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Float 46	Floating point number	5
User attribute Float 47	Floating point number	5
User attribute Float 48	Floating point number	5
User attribute Float 49	Floating point number	5
User attribute Float 5	Floating point number	5
User attribute Float 50	Floating point number	5
User attribute Float 6	Floating point number	5
User attribute Float 7	Floating point number	5
User attribute Float 8	Floating point number	5
User attribute Float 9	Floating point number	5
User attribute Floating point number (editable, language-dependent)	Floating point number	20
User attribute Floating point number (editable, language-independent)	Floating point number	20
User attribute Floating point number (read-only, language-dependent)	Floating point number	20
User attribute Floating point number (read-only, language-independent)	Floating point number	20
User attribute Functional cluster	N-liner	10000000
User attribute Int 1	Integer	5
User attribute Int 10	Integer	5
User attribute Int 11	Integer	5
User attribute Int 12	Integer	5
User attribute Int 13	Integer	5
User attribute Int 14	Integer	5
User attribute Int 15	Integer	5
User attribute Int 16	Integer	5
User attribute Int 17	Integer	5
User attribute Int 18	Integer	5
User attribute Int 19	Integer	5
User attribute Int 2	Integer	5
User attribute Int 20	Integer	5
User attribute Int 21	Integer	5
User attribute Int 22	Integer	5
User attribute Int 23	Integer	5
User attribute Int 24	Integer	5
User attribute Int 25	Integer	5
User attribute Int 26	Integer	5
User attribute Int 27	Integer	5
User attribute Int 28	Integer	5
User attribute Int 29	Integer	5
User attribute Int 3	Integer	5
User attribute Int 30	Integer	5
User attribute Int 31	Integer	5

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Int 32	Integer	5
User attribute Int 33	Integer	5
User attribute Int 34	Integer	5
User attribute Int 35	Integer	5
User attribute Int 36	Integer	5
User attribute Int 37	Integer	5
User attribute Int 38	Integer	5
User attribute Int 39	Integer	5
User attribute Int 4	Integer	5
User attribute Int 40	Integer	5
User attribute Int 41	Integer	5
User attribute Int 42	Integer	5
User attribute Int 43	Integer	5
User attribute Int 44	Integer	5
User attribute Int 45	Integer	5
User attribute Int 46	Integer	5
User attribute Int 47	Integer	5
User attribute Int 48	Integer	5
User attribute Int 49	Integer	5
User attribute Int 5	Integer	5
User attribute Int 50	Integer	5
User attribute Int 6	Integer	5
User attribute Int 7	Integer	5
User attribute Int 8	Integer	5
User attribute Int 9	Integer	5
User attribute Integer (editable, language-dependent)	Integer	20
User attribute Integer (editable, language-independent)	Integer	20
User attribute Integer (read-only, language-dependent)	Integer	20
User attribute Integer (read-only, language-independent)	Integer	20
User attribute Link 1	Link/File	256
User attribute Link 2	Link/File	256
User attribute Link 3	Link/File	256
User attribute Link 4	Link/File	256
User attribute Link 5	Link/File	256
User attribute Link 6	Link/File	256
User attribute Link/File (editable, language-dependent)	Link/File	256
User attribute Link/File (editable, language-independent)	Link/File	256
User attribute Link/File (read-only, language-dependent)	Link/File	256

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Link/File (read-only, language-independent)	Link/File	256
User attribute Multi-line text (editable, language-dependent)	N-liner	10000000
User attribute Multi-line text (editable, language-independent)	N-liner	10000000
User attribute Multi-line text (read-only, language-dependent)	N-liner	10000000
User attribute Multi-line text (read-only, language-independent)	N-liner	10000000
User attribute Point in time (editable, language-dependent)	Point in time	256
User attribute Point in time (editable, language-independent)	Point in time	256
User attribute Point in time (read-only, language-dependent)	Point in time	256
User attribute Point in time (read-only, language-independent)	Point in time	256
User attribute Point in time 1	Point in time	256
User attribute Point in time 10	Point in time	256
User attribute Point in time 2	Point in time	256
User attribute Point in time 3	Point in time	256
User attribute Point in time 4	Point in time	256
User attribute Point in time 5	Point in time	256
User attribute Point in time 6	Point in time	256
User attribute Point in time 7	Point in time	256
User attribute Point in time 8	Point in time	256
User attribute Point in time 9	Point in time	256
User attribute Text 1	N-liner	10000000
User attribute Text 10	N-liner	10000000
User attribute Text 100	N-liner	10000000
User attribute Text 101	N-liner	10000000
User attribute Text 102	N-liner	10000000
User attribute Text 103	N-liner	10000000
User attribute Text 104	N-liner	10000000
User attribute Text 105	N-liner	10000000
User attribute Text 106	N-liner	10000000
User attribute Text 107	N-liner	10000000
User attribute Text 108	N-liner	10000000
User attribute Text 109	N-liner	10000000
User attribute Text 11	N-liner	10000000
User attribute Text 110	N-liner	10000000
User attribute Text 111	N-liner	10000000
User attribute Text 112	N-liner	10000000
User attribute Text 113	N-liner	10000000
User attribute Text 114	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Text 115	N-liner	10000000
User attribute Text 116	N-liner	10000000
User attribute Text 117	N-liner	10000000
User attribute Text 118	N-liner	10000000
User attribute Text 119	N-liner	10000000
User attribute Text 12	N-liner	10000000
User attribute Text 120	N-liner	10000000
User attribute Text 121	N-liner	10000000
User attribute Text 122	N-liner	10000000
User attribute Text 123	N-liner	10000000
User attribute Text 124	N-liner	10000000
User attribute Text 125	N-liner	10000000
User attribute Text 126	N-liner	10000000
User attribute Text 127	N-liner	10000000
User attribute Text 128	N-liner	10000000
User attribute Text 129	N-liner	10000000
User attribute Text 13	N-liner	10000000
User attribute Text 130	N-liner	10000000
User attribute Text 131	N-liner	10000000
User attribute Text 132	N-liner	10000000
User attribute Text 133	N-liner	10000000
User attribute Text 134	N-liner	10000000
User attribute Text 135	N-liner	10000000
User attribute Text 136	N-liner	10000000
User attribute Text 137	N-liner	10000000
User attribute Text 138	N-liner	10000000
User attribute Text 139	N-liner	10000000
User attribute Text 14	N-liner	10000000
User attribute Text 140	N-liner	10000000
User attribute Text 141	N-liner	10000000
User attribute Text 142	N-liner	10000000
User attribute Text 143	N-liner	10000000
User attribute Text 144	N-liner	10000000
User attribute Text 145	N-liner	10000000
User attribute Text 146	N-liner	10000000
User attribute Text 147	N-liner	10000000
User attribute Text 148	N-liner	10000000
User attribute Text 149	N-liner	10000000
User attribute Text 15	N-liner	10000000
User attribute Text 150	N-liner	10000000
User attribute Text 151	N-liner	10000000
User attribute Text 152	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Text 153	N-liner	10000000
User attribute Text 154	N-liner	10000000
User attribute Text 155	N-liner	10000000
User attribute Text 156	N-liner	10000000
User attribute Text 157	N-liner	10000000
User attribute Text 158	N-liner	10000000
User attribute Text 159	N-liner	10000000
User attribute Text 16	N-liner	10000000
User attribute Text 160	N-liner	10000000
User attribute Text 161	N-liner	10000000
User attribute Text 162	N-liner	10000000
User attribute Text 163	N-liner	10000000
User attribute Text 164	N-liner	10000000
User attribute Text 165	N-liner	10000000
User attribute Text 166	N-liner	10000000
User attribute Text 167	N-liner	10000000
User attribute Text 168	N-liner	10000000
User attribute Text 169	N-liner	10000000
User attribute Text 17	N-liner	10000000
User attribute Text 170	N-liner	10000000
User attribute Text 171	N-liner	10000000
User attribute Text 172	N-liner	10000000
User attribute Text 173	N-liner	10000000
User attribute Text 174	N-liner	10000000
User attribute Text 175	N-liner	10000000
User attribute Text 176	N-liner	10000000
User attribute Text 177	N-liner	10000000
User attribute Text 178	N-liner	10000000
User attribute Text 179	N-liner	10000000
User attribute Text 18	N-liner	10000000
User attribute Text 180	N-liner	10000000
User attribute Text 181	N-liner	10000000
User attribute Text 182	N-liner	10000000
User attribute Text 183	N-liner	10000000
User attribute Text 184	N-liner	10000000
User attribute Text 185	N-liner	10000000
User attribute Text 186	N-liner	10000000
User attribute Text 187	N-liner	10000000
User attribute Text 188	N-liner	10000000
User attribute Text 189	N-liner	10000000
User attribute Text 19	N-liner	10000000
User attribute Text 190	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Text 191	N-liner	10000000
User attribute Text 192	N-liner	10000000
User attribute Text 193	N-liner	10000000
User attribute Text 194	N-liner	10000000
User attribute Text 195	N-liner	10000000
User attribute Text 196	N-liner	10000000
User attribute Text 197	N-liner	10000000
User attribute Text 198	N-liner	10000000
User attribute Text 199	N-liner	10000000
User attribute Text 2	N-liner	10000000
User attribute Text 20	N-liner	10000000
User attribute Text 200	N-liner	10000000
User attribute Text 201	N-liner	10000000
User attribute Text 202 (read-only)	N-liner	10000000
User attribute Text 203 (read-only)	N-liner	10000000
User attribute Text 204 (read-only)	N-liner	10000000
User attribute Text 205 (read-only)	N-liner	10000000
User attribute Text 206 (read-only)	N-liner	10000000
User attribute Text 207	N-liner	10000000
User attribute Text 208	N-liner	10000000
User attribute Text 209	N-liner	10000000
User attribute Text 21	N-liner	10000000
User attribute Text 210	N-liner	10000000
User attribute Text 211	N-liner	10000000
User attribute Text 212	N-liner	10000000
User attribute Text 213	N-liner	10000000
User attribute Text 214	N-liner	10000000
User attribute Text 215	N-liner	10000000
User attribute Text 216	N-liner	10000000
User attribute Text 217	N-liner	10000000
User attribute Text 218	N-liner	10000000
User attribute Text 219	N-liner	10000000
User attribute Text 22	N-liner	10000000
User attribute Text 220	N-liner	10000000
User attribute Text 221	N-liner	10000000
User attribute Text 222	N-liner	10000000
User attribute Text 223	N-liner	10000000
User attribute Text 224	N-liner	10000000
User attribute Text 225	N-liner	10000000
User attribute Text 226	N-liner	10000000
User attribute Text 227	N-liner	10000000
User attribute Text 228	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Text 229	N-liner	10000000
User attribute Text 23	N-liner	10000000
User attribute Text 230	N-liner	10000000
User attribute Text 231	N-liner	10000000
User attribute Text 232	N-liner	10000000
User attribute Text 233	N-liner	10000000
User attribute Text 234	N-liner	10000000
User attribute Text 235	N-liner	10000000
User attribute Text 236	N-liner	10000000
User attribute Text 237	N-liner	10000000
User attribute Text 238	N-liner	10000000
User attribute Text 239	N-liner	10000000
User attribute Text 24	N-liner	10000000
User attribute Text 240	N-liner	10000000
User attribute Text 241	N-liner	10000000
User attribute Text 242	N-liner	10000000
User attribute Text 243	N-liner	10000000
User attribute Text 244	N-liner	10000000
User attribute Text 245	N-liner	10000000
User attribute Text 246	N-liner	10000000
User attribute Text 247	N-liner	10000000
User attribute Text 248	N-liner	10000000
User attribute Text 249	N-liner	10000000
User attribute Text 25	N-liner	10000000
User attribute Text 250	N-liner	10000000
User attribute Text 251	N-liner	10000000
User attribute Text 26	N-liner	10000000
User attribute Text 27	N-liner	10000000
User attribute Text 28	N-liner	10000000
User attribute Text 29	N-liner	10000000
User attribute Text 3	N-liner	10000000
User attribute Text 30	N-liner	10000000
User attribute Text 31	N-liner	10000000
User attribute Text 32	N-liner	10000000
User attribute Text 33	N-liner	10000000
User attribute Text 34	N-liner	10000000
User attribute Text 35	N-liner	10000000
User attribute Text 36	N-liner	10000000
User attribute Text 37	N-liner	10000000
User attribute Text 38	N-liner	10000000
User attribute Text 39	N-liner	10000000
User attribute Text 4	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Text 40	N-liner	10000000
User attribute Text 41	N-liner	10000000
User attribute Text 42	N-liner	10000000
User attribute Text 43	N-liner	10000000
User attribute Text 44	N-liner	10000000
User attribute Text 45	N-liner	10000000
User attribute Text 46	N-liner	10000000
User attribute Text 47	N-liner	10000000
User attribute Text 48	N-liner	10000000
User attribute Text 49	N-liner	10000000
User attribute Text 5	N-liner	10000000
User attribute Text 50	N-liner	10000000
User attribute Text 51	N-liner	10000000
User attribute Text 52	N-liner	10000000
User attribute Text 53	N-liner	10000000
User attribute Text 54	N-liner	10000000
User attribute Text 55	N-liner	10000000
User attribute Text 56	N-liner	10000000
User attribute Text 57	N-liner	10000000
User attribute Text 58	N-liner	10000000
User attribute Text 59	N-liner	10000000
User attribute Text 6	N-liner	10000000
User attribute Text 60	N-liner	10000000
User attribute Text 61	N-liner	10000000
User attribute Text 62	N-liner	10000000
User attribute Text 63	N-liner	10000000
User attribute Text 64	N-liner	10000000
User attribute Text 65	N-liner	10000000
User attribute Text 66	N-liner	10000000
User attribute Text 67	N-liner	10000000
User attribute Text 68	N-liner	10000000
User attribute Text 69	N-liner	10000000
User attribute Text 7	N-liner	10000000
User attribute Text 70	N-liner	10000000
User attribute Text 71	N-liner	10000000
User attribute Text 72	N-liner	10000000
User attribute Text 73	N-liner	10000000
User attribute Text 74	N-liner	10000000
User attribute Text 75	N-liner	10000000
User attribute Text 76	N-liner	10000000
User attribute Text 77	N-liner	10000000
User attribute Text 78	N-liner	10000000

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Text 79	N-liner	10000000
User attribute Text 8	N-liner	10000000
User attribute Text 80	N-liner	10000000
User attribute Text 81	N-liner	10000000
User attribute Text 82	N-liner	10000000
User attribute Text 83	N-liner	10000000
User attribute Text 84	N-liner	10000000
User attribute Text 85	N-liner	10000000
User attribute Text 86	N-liner	10000000
User attribute Text 87	N-liner	10000000
User attribute Text 88	N-liner	10000000
User attribute Text 89	N-liner	10000000
User attribute Text 9	N-liner	10000000
User attribute Text 90	N-liner	10000000
User attribute Text 91	N-liner	10000000
User attribute Text 92	N-liner	10000000
User attribute Text 93	N-liner	10000000
User attribute Text 94	N-liner	10000000
User attribute Text 95	N-liner	10000000
User attribute Text 96	N-liner	10000000
User attribute Text 97	N-liner	10000000
User attribute Text 98	N-liner	10000000
User attribute Text 99	N-liner	10000000
User attribute Time (editable, language-dependent)	Time	256
User attribute Time (editable, language-independent)	Time	256
User attribute Time (read-only, language-dependent)	Time	256
User attribute Time (read-only, language-independent)	Time	256
User attribute Time 1	Time	256
User attribute Time 10	Time	256
User attribute Time 2	Time	256
User attribute Time 3	Time	256
User attribute Time 4	Time	256
User attribute Time 5	Time	256
User attribute Time 6	Time	256
User attribute Time 7	Time	256
User attribute Time 8	Time	256
User attribute Time 9	Time	256
User attribute Values (editable, language-dependent)	Value	255
User attribute Values (editable, language-independent)	Value	255

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values (read-only, language-dependent)	Value	255
User attribute Values (read-only, language-independent)	Value	255
User attribute Values 1	Value	20
User attribute Values 10	Value	20
User attribute Values 100 (language-dependent)	Value	20
User attribute Values 101 (language-dependent)	Value	20
User attribute Values 102 (language-dependent)	Value	20
User attribute Values 103 (language-dependent)	Value	20
User attribute Values 104 (language-dependent)	Value	20
User attribute Values 105 (language-dependent)	Value	20
User attribute Values 106 (language-dependent)	Value	20
User attribute Values 107 (language-dependent)	Value	20
User attribute Values 108 (language-dependent)	Value	20
User attribute Values 109 (language-dependent)	Value	20
User attribute Values 11	Value	20
User attribute Values 110 (language-dependent)	Value	20
User attribute Values 111 (language-dependent)	Value	20
User attribute Values 112 (language-dependent)	Value	20
User attribute Values 113 (language-dependent)	Value	20
User attribute Values 114 (language-dependent)	Value	20
User attribute Values 115 (language-dependent)	Value	20
User attribute Values 116 (language-dependent)	Value	20
User attribute Values 117 (language-dependent)	Value	20
User attribute Values 118 (language-dependent)	Value	20
User attribute Values 119 (language-dependent)	Value	20
User attribute Values 12	Value	20
User attribute Values 120 (language-dependent)	Value	20
User attribute Values 121 (language-dependent)	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 122 (language-dependent)	Value	20
User attribute Values 123 (language-dependent)	Value	20
User attribute Values 124 (language-dependent)	Value	20
User attribute Values 125 (language-dependent)	Value	20
User attribute Values 126 (language-dependent)	Value	20
User attribute Values 127 (language-dependent)	Value	20
User attribute Values 128 (language-dependent)	Value	20
User attribute Values 129 (language-dependent)	Value	20
User attribute Values 13	Value	20
User attribute Values 130 (language-dependent)	Value	20
User attribute Values 131 (language-dependent)	Value	20
User attribute Values 132 (language-dependent)	Value	20
User attribute Values 133 (language-dependent)	Value	20
User attribute Values 134 (language-dependent)	Value	20
User attribute Values 135 (language-dependent)	Value	20
User attribute Values 136 (language-dependent)	Value	20
User attribute Values 137 (language-dependent)	Value	20
User attribute Values 138 (language-dependent)	Value	20
User attribute Values 139 (language-dependent)	Value	20
User attribute Values 14	Value	20
User attribute Values 140 (language-dependent)	Value	20
User attribute Values 141 (language-dependent)	Value	20
User attribute Values 142 (language-dependent)	Value	20
User attribute Values 143 (language-dependent)	Value	20
User attribute Values 144 (language-dependent)	Value	20
User attribute Values 145 (language-dependent)	Value	20
User attribute Values 146 (language-dependent)	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 147 (language-dependent)	Value	20
User attribute Values 148 (language-dependent)	Value	20
User attribute Values 149 (language-dependent)	Value	20
User attribute Values 15	Value	20
User attribute Values 150 (language-dependent)	Value	20
User attribute Values 151 (language-dependent)	Value	20
User attribute Values 152 (language-dependent)	Value	20
User attribute Values 153 (language-dependent)	Value	20
User attribute Values 154 (language-dependent)	Value	20
User attribute Values 155 (language-dependent)	Value	20
User attribute Values 156 (language-dependent)	Value	20
User attribute Values 157 (language-dependent)	Value	20
User attribute Values 158 (language-dependent)	Value	20
User attribute Values 159 (language-dependent)	Value	20
User attribute Values 16	Value	20
User attribute Values 160 (language-dependent)	Value	20
User attribute Values 161 (language-dependent)	Value	20
User attribute Values 162 (language-dependent)	Value	20
User attribute Values 163 (language-dependent)	Value	20
User attribute Values 164 (language-dependent)	Value	20
User attribute Values 165 (language-dependent)	Value	20
User attribute Values 166 (language-dependent)	Value	20
User attribute Values 167 (language-dependent)	Value	20
User attribute Values 168 (language-dependent)	Value	20
User attribute Values 169 (language-dependent)	Value	20
User attribute Values 17	Value	20
User attribute Values 170 (language-dependent)	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 171 (language-dependent)	Value	20
User attribute Values 172 (language-dependent)	Value	20
User attribute Values 173 (language-dependent)	Value	20
User attribute Values 174 (language-dependent)	Value	20
User attribute Values 175 (language-dependent)	Value	20
User attribute Values 176 (language-dependent)	Value	20
User attribute Values 177 (language-dependent)	Value	20
User attribute Values 178 (language-dependent)	Value	20
User attribute Values 179 (language-dependent)	Value	20
User attribute Values 18	Value	20
User attribute Values 180 (language-dependent)	Value	20
User attribute Values 181 (language-dependent)	Value	20
User attribute Values 182 (language-dependent)	Value	20
User attribute Values 183 (language-dependent)	Value	20
User attribute Values 184 (language-dependent)	Value	20
User attribute Values 185 (language-dependent)	Value	20
User attribute Values 186 (language-dependent)	Value	20
User attribute Values 187 (language-dependent)	Value	20
User attribute Values 188 (language-dependent)	Value	20
User attribute Values 189 (language-dependent)	Value	20
User attribute Values 19	Value	20
User attribute Values 190 (language-dependent)	Value	20
User attribute Values 191 (language-dependent)	Value	20
User attribute Values 192 (language-dependent)	Value	20
User attribute Values 193 (language-dependent)	Value	20
User attribute Values 194 (language-dependent)	Value	20
User attribute Values 195 (language-dependent)	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 196 (language-dependent)	Value	20
User attribute Values 197 (language-dependent)	Value	20
User attribute Values 198 (language-dependent)	Value	20
User attribute Values 199 (language-dependent)	Value	20
User attribute Values 2	Value	20
User attribute Values 20	Value	20
User attribute Values 200 (language-dependent)	Value	20
User attribute Values 201 (language-dependent)	Value	20
User attribute Values 202 (language-dependent)	Value	20
User attribute Values 203 (language-dependent)	Value	20
User attribute Values 204 (language-dependent)	Value	20
User attribute Values 205 (language-dependent)	Value	20
User attribute Values 206 (language-dependent)	Value	20
User attribute Values 207 (language-dependent)	Value	20
User attribute Values 208 (language-dependent)	Value	20
User attribute Values 209 (language-dependent)	Value	20
User attribute Values 21	Value	20
User attribute Values 210 (language-dependent)	Value	20
User attribute Values 211 (language-dependent)	Value	20
User attribute Values 212 (language-dependent)	Value	20
User attribute Values 213 (language-dependent)	Value	20
User attribute Values 214 (language-dependent)	Value	20
User attribute Values 215 (language-dependent)	Value	20
User attribute Values 216 (language-dependent)	Value	20
User attribute Values 217 (language-dependent)	Value	20
User attribute Values 218 (language-dependent)	Value	20
User attribute Values 219 (language-dependent)	Value	20
User attribute Values 22	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 220 (language-dependent)	Value	20
User attribute Values 221	Value	20
User attribute Values 222	Value	20
User attribute Values 223	Value	20
User attribute Values 224	Value	20
User attribute Values 225	Value	20
User attribute Values 226	Value	20
User attribute Values 227	Value	20
User attribute Values 228	Value	20
User attribute Values 229	Value	20
User attribute Values 23	Value	20
User attribute Values 230	Value	20
User attribute Values 231	Value	20
User attribute Values 232	Value	20
User attribute Values 233	Value	20
User attribute Values 234	Value	20
User attribute Values 235	Value	20
User attribute Values 236	Value	20
User attribute Values 237	Value	20
User attribute Values 238	Value	20
User attribute Values 239	Value	20
User attribute Values 24	Value	20
User attribute Values 240	Value	20
User attribute Values 241	Value	20
User attribute Values 242	Value	20
User attribute Values 243	Value	20
User attribute Values 244	Value	20
User attribute Values 245	Value	20
User attribute Values 246	Value	20
User attribute Values 247	Value	20
User attribute Values 248	Value	20
User attribute Values 249	Value	20
User attribute Values 25	Value	20
User attribute Values 250	Value	20
User attribute Values 251	Value	20
User attribute Values 252	Value	20
User attribute Values 253	Value	20
User attribute Values 254	Value	20
User attribute Values 255	Value	20
User attribute Values 256	Value	20
User attribute Values 257	Value	20
User attribute Values 258	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 259	Value	20
User attribute Values 26	Value	20
User attribute Values 260	Value	20
User attribute Values 261	Value	20
User attribute Values 262	Value	20
User attribute Values 263	Value	20
User attribute Values 264	Value	20
User attribute Values 265	Value	20
User attribute Values 266	Value	20
User attribute Values 267	Value	20
User attribute Values 268	Value	20
User attribute Values 269	Value	20
User attribute Values 27	Value	20
User attribute Values 270	Value	20
User attribute Values 271	Value	20
User attribute Values 272	Value	20
User attribute Values 273	Value	20
User attribute Values 274	Value	20
User attribute Values 275	Value	20
User attribute Values 276	Value	20
User attribute Values 277	Value	20
User attribute Values 278	Value	20
User attribute Values 279	Value	20
User attribute Values 28	Value	20
User attribute Values 280	Value	20
User attribute Values 281	Value	20
User attribute Values 282	Value	20
User attribute Values 283	Value	20
User attribute Values 284	Value	20
User attribute Values 285	Value	20
User attribute Values 286	Value	20
User attribute Values 287	Value	20
User attribute Values 288	Value	20
User attribute Values 289	Value	20
User attribute Values 29	Value	20
User attribute Values 290	Value	20
User attribute Values 291	Value	20
User attribute Values 292	Value	20
User attribute Values 293	Value	20
User attribute Values 294	Value	20
User attribute Values 295	Value	20
User attribute Values 296	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 297	Value	20
User attribute Values 298	Value	20
User attribute Values 299	Value	20
User attribute Values 3	Value	20
User attribute Values 30	Value	20
User attribute Values 300	Value	20
User attribute Values 301	Value	20
User attribute Values 302	Value	20
User attribute Values 303	Value	20
User attribute Values 304	Value	20
User attribute Values 305	Value	20
User attribute Values 306	Value	20
User attribute Values 307	Value	20
User attribute Values 308	Value	20
User attribute Values 309	Value	20
User attribute Values 31	Value	20
User attribute Values 310	Value	20
User attribute Values 311	Value	20
User attribute Values 312	Value	20
User attribute Values 313	Value	20
User attribute Values 314	Value	20
User attribute Values 315	Value	20
User attribute Values 316	Value	20
User attribute Values 317	Value	20
User attribute Values 318	Value	20
User attribute Values 319	Value	20
User attribute Values 32	Value	20
User attribute Values 320	Value	20
User attribute Values 33	Value	20
User attribute Values 34	Value	20
User attribute Values 35	Value	20
User attribute Values 36	Value	20
User attribute Values 37	Value	20
User attribute Values 38	Value	20
User attribute Values 39	Value	20
User attribute Values 4	Value	20
User attribute Values 40	Value	20
User attribute Values 41	Value	20
User attribute Values 42	Value	20
User attribute Values 43	Value	20
User attribute Values 44	Value	20
User attribute Values 45	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 46	Value	20
User attribute Values 47	Value	20
User attribute Values 48	Value	20
User attribute Values 49	Value	20
User attribute Values 5	Value	20
User attribute Values 50	Value	20
User attribute Values 51 (language-dependent)	Value	20
User attribute Values 52 (language-dependent)	Value	20
User attribute Values 53 (language-dependent)	Value	20
User attribute Values 54 (language-dependent)	Value	20
User attribute Values 55 (language-dependent)	Value	20
User attribute Values 56 (language-dependent)	Value	20
User attribute Values 57 (language-dependent)	Value	20
User attribute Values 58 (language-dependent)	Value	20
User attribute Values 59 (language-dependent)	Value	20
User attribute Values 6	Value	20
User attribute Values 60 (language-dependent)	Value	20
User attribute Values 61 (language-dependent)	Value	20
User attribute Values 62 (language-dependent)	Value	20
User attribute Values 63 (language-dependent)	Value	20
User attribute Values 64 (language-dependent)	Value	20
User attribute Values 65 (language-dependent)	Value	20
User attribute Values 66 (language-dependent)	Value	20
User attribute Values 67 (language-dependent)	Value	20
User attribute Values 68 (language-dependent)	Value	20
User attribute Values 69 (language-dependent)	Value	20
User attribute Values 7	Value	20
User attribute Values 70 (language-dependent)	Value	20
User attribute Values 71 (language-dependent)	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 72 (language-dependent)	Value	20
User attribute Values 73 (language-dependent)	Value	20
User attribute Values 74 (language-dependent)	Value	20
User attribute Values 75 (language-dependent)	Value	20
User attribute Values 76 (language-dependent)	Value	20
User attribute Values 77 (language-dependent)	Value	20
User attribute Values 78 (language-dependent)	Value	20
User attribute Values 79 (language-dependent)	Value	20
User attribute Values 8	Value	20
User attribute Values 80 (language-dependent)	Value	20
User attribute Values 81 (language-dependent)	Value	20
User attribute Values 82 (language-dependent)	Value	20
User attribute Values 83 (language-dependent)	Value	20
User attribute Values 84 (language-dependent)	Value	20
User attribute Values 85 (language-dependent)	Value	20
User attribute Values 86 (language-dependent)	Value	20
User attribute Values 87 (language-dependent)	Value	20
User attribute Values 88 (language-dependent)	Value	20
User attribute Values 89 (language-dependent)	Value	20
User attribute Values 9	Value	20
User attribute Values 90 (language-dependent)	Value	20
User attribute Values 91 (language-dependent)	Value	20
User attribute Values 92 (language-dependent)	Value	20
User attribute Values 93 (language-dependent)	Value	20
User attribute Values 94 (language-dependent)	Value	20
User attribute Values 95 (language-dependent)	Value	20
User attribute Values 96 (language-dependent)	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
User attribute Values 97 (language-dependent)	Value	20
User attribute Values 98 (language-dependent)	Value	20
User attribute Values 99 (language-dependent)	Value	20
User exit	One-liner	2
User management	Boolean	2
Valid from	Date	20
Valid until	Date	20
Validity	N-liner	1000
Value	N-liner	10000000
Value	One-liner	100
Value	One-liner	100
Value	N-liner	80
Value	N-liner	10000000
Value (CDU)	Floating point number	20
Value (logical)	Boolean	2
Value (numeric)	Floating point number	10
Value 1	N-liner	2000
Value 2	N-liner	2000
Value language	One-liner	500
Variable access serializable	Boolean	2
Variations	N-liner	10000000
Version	One-liner	20
Version/Release	One-liner	100
View	Value	50
Virtual inheritance	Boolean	2
Visibility	Value	20
Visibility (Src)	Value	20
Visibility (Trg)	Value	20
Wait time	Combined	20
Wait time sum	Combined	10
Warehouse equip. number	One-liner	100
Watch	Boolean	2
Weighting factor	Integer	4
What to watch	One-liner	256
When to watch	Value	50
With complaint	Boolean	2
Workflow	One-liner	2
Workflow class	Boolean	2
Workflow domain	N-liner	256
Workflow pattern	Value	20

Table 13–683 (Cont.) Attribute Type Name

Attribute Type Name	Data Type	Maximum Length
Workflow pattern (transformation)	N-liner	10000000
WPDL-external attribute list	N-liner	512
X position	Integer	4
Y position	Integer	4

13.4.2 Domain: Integer and Floating Point Numbers

Table 13–684 Attribute Type Name

Attribute Type Name	Lower Limit	Upper limit	Default
Average reduced relative probability	0	1	1
Average relative probability	0	1	1
Capacity	0	10000000	0
CD ratio denominator	1	2147483647	1
Degree of coverage	0	100	0
Desired degree of coverage	0	100	0
Duration	0	2147483647	0
Fulfillment of the critical factors	0	99	0
Knowledge advantage	0	100	0
Knowledge usage	0	100	0
Maximum reduced relative probability	0	1	1
Maximum relative probability	0	1	1
Minimum reduced relative probability	0	1	1
Minimum relative probability	0	1	1
Number of employees	1	10000000	1
Priority	0	9	0
Probability	0	1	1
Process folders discarded	0	2147483647	0
Process folders received	0	2147483647	0
Process folders waiting	0	2147483647	0
Process performance	0	99	0
Processes to be processed	1	10000000	1
Reduced relative probabilities	0	1	1
Relative frequency	0	1	0
Relative probabilities	0	1	1
Required capacity	0	10000000	0
Significance	0	100	100
Strength of influence	0	1	0
Structural change speed	0	100	0

13.4.3 Attribute Type Groups

Table 13–685 *Attribute Type Group Name*

Attribute Type Group Name
Absolute time limits
Access type
Acquisition costs
Acquisition costs
Activity-based cost calculation
Actual data
ALE
Amount of damages
Analysis attributes
Assignment
Attributes
Attributes of external system
Automated activity attributes
Balanced Scorecard
Benchmarking
Bitmap
BPEL attributes
BPMN
Building cluster attributes
Business control
Business rule function attributes
Business Simulator attributes
Business Simulator attributes
Capacity
Certification
Change management
Cleaning cycle
Column
Compressed period indicator
Cost driver quantity units
Costs
Costs
Costs for depreciation/repair/maintenance
Costs per cost driver quantity unit
Critical factor analysis
Current cost for computer center
Dependencies
Derived attribute type
Development costs
Development effort

Table 13–685 (Cont.) Attribute Type Group Name

Attribute Type Group Name

District attributes

Energy costs

Evaluation

Event classification

Expense

External applications

External entities

Font format

Frame

Free attribute type group

Free attribute type group 1

Free attribute type group 10

Free attribute type group 11

Free attribute type group 12

Free attribute type group 13

Free attribute type group 14

Free attribute type group 15

Free attribute type group 16

Free attribute type group 17

Free attribute type group 18

Free attribute type group 19

Free attribute type group 2

Free attribute type group 20

Free attribute type group 21

Free attribute type group 22

Free attribute type group 23

Free attribute type group 24

Free attribute type group 25

Free attribute type group 26

Free attribute type group 27

Free attribute type group 28

Free attribute type group 29

Free attribute type group 3

Free attribute type group 30

Free attribute type group 31

Free attribute type group 32

Free attribute type group 33

Free attribute type group 34

Free attribute type group 35

Free attribute type group 36

Free attribute type group 37

Free attribute type group 38

Table 13–685 (Cont.) Attribute Type Group Name**Attribute Type Group Name**

Free attribute type group 39
 Free attribute type group 4
 Free attribute type group 40
 Free attribute type group 41
 Free attribute type group 42
 Free attribute type group 43
 Free attribute type group 44
 Free attribute type group 45
 Free attribute type group 46
 Free attribute type group 47
 Free attribute type group 48
 Free attribute type group 49
 Free attribute type group 5
 Free attribute type group 50
 Free attribute type group 6
 Free attribute type group 7
 Free attribute type group 8
 Free attribute type group 9
 Free attributes
 Frequency
 Function privileges
 Function type
 Function use
 Functional block attributes
 Human task attributes
 Imputed interest
 Initial wait time
 Installation status
 Internal entities
 IT block attributes
 IT software attributes
 IT system attributes
 KPI attributes
 Link
 Maintenance cycle
 Material costs
 Message
 Model status
 No. of occurrences
 Notations
 Notification attributes
 Occurrence

Table 13–685 (Cont.) Attribute Type Group Name

Attribute Type Group Name

Occurrence frequency
Operating supplies costs
Oracle BPA Suite attributes
Oracle BPA Suite attributes
Orientation time
Orientation time
Origin
Other costs
Parameter entities
Period of validity
Personnel costs
PIP
Privileges
Process
Process evaluation
Processing time
Processing time
Processing type
Production capacity
Project management attributes
Promet(r)BPR
Qualitative evaluation
Quantitative evaluation
Quantity structure
Reduced amount of damages
Reduced occurrence frequency
Reduced relative probabilities
Relative probabilities
Relative time limits
Results
Revenues
Risk management
Risk management
Rule
Simulation
Source
Source indication
Subprocess
Subsystem attributes
System attributes
Target
Target data

Table 13–685 (Cont.) Attribute Type Group Name**Attribute Type Group Name**

Task type
 Throughput time
 Throughput time
 Time limits
 Timer
 Times
 Times
 Tolerance
 Total costs
 Total time
 Transmission time
 Transmission type
 Type of organizational unit
 UML Action state
 UML Actor
 UML Attribute
 UML Event
 UML Node
 UML Node instance
 UML Operation
 UML State
 UML Use case
 Validity
 Various overhead costs
 Volume
 Wait time
 Wait time
 Web service
 Workflow
 XPDL attributes
 Zone attributes

13.5 Hidable/Displayable Model Types

Table 13–686 Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
Access diagram	Hardware component type	Program flow chart
BPEL process	Rule	BPEL allocation diagram
BPEL process	Event	BPEL allocation diagram
BPEL process	Loop start	BPEL allocation diagram
BPEL process	Function	BPEL allocation diagram
CD Diagram	Cost driver	CD Diagram

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
Class diagram	Entity type	eERM attribute allocation diagram
Class diagram	Entity type	Class diagram
Class diagram	ERM attribute	eERM attribute allocation diagram
Class diagram	ERM attribute	Class diagram
Class diagram	Technical term	eERM attribute allocation diagram
Class diagram	Technical term	Class diagram
Class diagram	Generalization type	eERM attribute allocation diagram
Class diagram	Generalization type	Class diagram
Class diagram	Relationship type	eERM attribute allocation diagram
Class diagram	Relationship type	Class diagram
Class diagram	Event	eERM attribute allocation diagram
Class diagram	Event	Class diagram
Class diagram	Cluster/Data model	eERM attribute allocation diagram
Class diagram	Cluster/Data model	Class diagram
Class diagram	Function	eERM attribute allocation diagram
Class diagram	Function	Class diagram
Cost category diagram	Cost category	Cost category diagram
DTD	Sequence	DTD
DTD	Enumeration attribute type	DTD
DTD	XOR	DTD
DTD	Item type	DTD
eERM	ERM attribute	eERM attribute allocation diagram
eERM	ERM attribute	eERM
eERM	Generalization type	eERM attribute allocation diagram
eERM	Generalization type	eERM
eERM	Relationship type	eERM attribute allocation diagram
eERM	Relationship type	eERM
eERM	Entity type	eERM attribute allocation diagram
eERM	Cluster/Data model	eERM attribute allocation diagram
eERM	Cluster/Data model	eERM
eERM attribute allocation diagram	Attribute type group	eERM attribute allocation diagram
eERM attribute allocation diagram	ERM attribute	eERM attribute allocation diagram
eERM attribute allocation diagram	Generalization type	eERM attribute allocation diagram
eERM attribute allocation diagram	Enumeration	eERM attribute allocation diagram
eERM attribute allocation diagram	Measurement unit number	eERM attribute allocation diagram
EPC	IT function	Function allocation diagram
EPC	Organizational unit	Function allocation diagram
EPC	Screen	Function allocation diagram
EPC	Risk	Function allocation diagram
EPC	Event	Event diagram
EPC	Event	Function allocation diagram
EPC	Organizational unit type	Function allocation diagram

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
EPC	Information carrier	Function allocation diagram
EPC	Entity type	Function allocation diagram
EPC	Application system	Function allocation diagram
EPC	Module type	Function allocation diagram
EPC	Application system class	Function allocation diagram
EPC	Location	Function allocation diagram
EPC	Function	Function allocation diagram
EPC	IT function type	Function allocation diagram
EPC	Module	Function allocation diagram
EPC	Application system type	Function allocation diagram
EPC	Person type	Function allocation diagram
EPC	Hardware component type	Function allocation diagram
EPC	Authorization condition	Function allocation diagram
EPC	Rule	Function allocation diagram
EPC	Position	Function allocation diagram
EPC	Group	Function allocation diagram
EPC	Person	Function allocation diagram
EPC (column display)	IT function	Function allocation diagram
EPC (column display)	Organizational unit	Function allocation diagram
EPC (column display)	Screen	Function allocation diagram
EPC (column display)	Event	Event diagram
EPC (column display)	Event	Function allocation diagram
EPC (column display)	Organizational unit type	Function allocation diagram
EPC (column display)	Information carrier	Function allocation diagram
EPC (column display)	Entity type	Function allocation diagram
EPC (column display)	Application system	Function allocation diagram
EPC (column display)	Module type	Function allocation diagram
EPC (column display)	Application system class	Function allocation diagram
EPC (column display)	Location	Function allocation diagram
EPC (column display)	Function	Function allocation diagram
EPC (column display)	IT function type	Function allocation diagram
EPC (column display)	Module	Function allocation diagram
EPC (column display)	Application system type	Function allocation diagram
EPC (column display)	Person type	Function allocation diagram
EPC (column display)	Hardware component type	Function allocation diagram
EPC (column display)	Authorization condition	Function allocation diagram
EPC (column display)	Rule	Function allocation diagram
EPC (column display)	Position	Function allocation diagram
EPC (column display)	Group	Function allocation diagram
EPC (column display)	Person	Function allocation diagram
EPC (horizontal table display)	IT function	Function allocation diagram
EPC (horizontal table display)	Organizational unit	Function allocation diagram

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
EPC (horizontal table display)	Screen	Function allocation diagram
EPC (horizontal table display)	Event	Event diagram
EPC (horizontal table display)	Event	Function allocation diagram
EPC (horizontal table display)	Organizational unit type	Function allocation diagram
EPC (horizontal table display)	Information carrier	Function allocation diagram
EPC (horizontal table display)	Entity type	Function allocation diagram
EPC (horizontal table display)	Application system	Function allocation diagram
EPC (horizontal table display)	Module type	Function allocation diagram
EPC (horizontal table display)	Application system class	Function allocation diagram
EPC (horizontal table display)	Location	Function allocation diagram
EPC (horizontal table display)	Function	Function allocation diagram
EPC (horizontal table display)	IT function type	Function allocation diagram
EPC (horizontal table display)	Module	Function allocation diagram
EPC (horizontal table display)	Application system type	Function allocation diagram
EPC (horizontal table display)	Person type	Function allocation diagram
EPC (horizontal table display)	Hardware component type	Function allocation diagram
EPC (horizontal table display)	Authorization condition	Function allocation diagram
EPC (horizontal table display)	Rule	Function allocation diagram
EPC (horizontal table display)	Position	Function allocation diagram
EPC (horizontal table display)	Group	Function allocation diagram
EPC (horizontal table display)	Person	Function allocation diagram
EPC (instance)	IT function	Function allocation diagram (instance)
EPC (instance)	Employee variable	Function allocation diagram (instance)
EPC (instance)	Organizational unit	Function allocation diagram (instance)
EPC (instance)	Event instance	Function allocation diagram (instance)
EPC (instance)	COT attribute (instance)	Function allocation diagram (instance)
EPC (instance)	IT function type	Function allocation diagram (instance)
EPC (instance)	Module	Function allocation diagram (instance)
EPC (instance)	Function instance	Function allocation diagram (instance)
EPC (instance)	Application system type	Function allocation diagram (instance)
EPC (instance)	Rule instance	Function allocation diagram (instance)
EPC (instance)	Person type	Function allocation diagram (instance)
EPC (instance)	ERM attribute instance	Function allocation diagram (instance)
EPC (instance)	Entity	Function allocation diagram (instance)
EPC (instance)	Relationship	Function allocation diagram (instance)
EPC (instance)	Complex object	Function allocation diagram (instance)
EPC (instance)	Organizational unit type	Function allocation diagram (instance)
EPC (instance)	Information carrier	Function allocation diagram (instance)
EPC (instance)	Position	Function allocation diagram (instance)
EPC (instance)	Application system	Function allocation diagram (instance)
EPC (instance)	Group	Function allocation diagram (instance)
EPC (instance)	Technical terms instance	Function allocation diagram (instance)

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
EPC (instance)	Person	Function allocation diagram (instance)
EPC (instance)	Module type	Function allocation diagram (instance)
EPC (instance)	Cluster instance	Function allocation diagram (instance)
EPC (material flow)	IT function	Function allocation diagram
EPC (material flow)	Organizational unit	Function allocation diagram
EPC (material flow)	Screen	Function allocation diagram
EPC (material flow)	Technical operating supply	Function allocation diagram
EPC (material flow)	Transport system type	Function allocation diagram
EPC (material flow)	Warehouse equipment type	Function allocation diagram
EPC (material flow)	Transport system	Function allocation diagram
EPC (material flow)	Technical operating supply type	Function allocation diagram
EPC (material flow)	Event	Event diagram
EPC (material flow)	Event	Function allocation diagram
EPC (material flow)	Organizational unit type	Function allocation diagram
EPC (material flow)	Information carrier	Function allocation diagram
EPC (material flow)	Entity type	Function allocation diagram
EPC (material flow)	Application system	Function allocation diagram
EPC (material flow)	Warehouse equipment	Function allocation diagram
EPC (material flow)	Module type	Function allocation diagram
EPC (material flow)	Operating resource	Function allocation diagram
EPC (material flow)	Material type	Function allocation diagram
EPC (material flow)	Location	Function allocation diagram
EPC (material flow)	Function	Function allocation diagram
EPC (material flow)	IT function type	Function allocation diagram
EPC (material flow)	Module	Function allocation diagram
EPC (material flow)	Application system type	Function allocation diagram
EPC (material flow)	Operating resource type	Function allocation diagram
EPC (material flow)	Person type	Function allocation diagram
EPC (material flow)	Hardware component type	Function allocation diagram
EPC (material flow)	Authorization condition	Function allocation diagram
EPC (material flow)	Rule	Function allocation diagram
EPC (material flow)	Position	Function allocation diagram
EPC (material flow)	Group	Function allocation diagram
EPC (material flow)	Person	Function allocation diagram
EPC (row display)	Organizational unit	Function allocation diagram
EPC (row display)	Event	Event diagram
EPC (row display)	Organizational unit type	Function allocation diagram
EPC (row display)	Location	Function allocation diagram
EPC (row display)	Function	Function allocation diagram
EPC (row display)	Person type	Function allocation diagram
EPC (row display)	Hardware component type	Function allocation diagram
EPC (row display)	Authorization condition	Function allocation diagram

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
EPC (row display)	Position	Function allocation diagram
EPC (row display)	Group	Function allocation diagram
EPC (row display)	Person	Function allocation diagram
EPC (table display)	IT function	Function allocation diagram
EPC (table display)	Organizational unit	Function allocation diagram
EPC (table display)	Screen	Function allocation diagram
EPC (table display)	Event	Event diagram
EPC (table display)	Event	Function allocation diagram
EPC (table display)	Organizational unit type	Function allocation diagram
EPC (table display)	Information carrier	Function allocation diagram
EPC (table display)	Entity type	Function allocation diagram
EPC (table display)	Application system	Function allocation diagram
EPC (table display)	Module type	Function allocation diagram
EPC (table display)	Application system class	Function allocation diagram
EPC (table display)	Location	Function allocation diagram
EPC (table display)	Function	Function allocation diagram
EPC (table display)	IT function type	Function allocation diagram
EPC (table display)	Module	Function allocation diagram
EPC (table display)	Application system type	Function allocation diagram
EPC (table display)	Person type	Function allocation diagram
EPC (table display)	Hardware component type	Function allocation diagram
EPC (table display)	Authorization condition	Function allocation diagram
EPC (table display)	Rule	Function allocation diagram
EPC (table display)	Position	Function allocation diagram
EPC (table display)	Group	Function allocation diagram
EPC (table display)	Person	Function allocation diagram
Event diagram	Rule	Event diagram
Event diagram	Event	Event diagram
Function allocation diagram	Function	Value-added chain diagram
Function allocation diagram	Hardware component type	EPC (column display)
Function allocation diagram	Hardware component type	EPC (horizontal table display)
Function allocation diagram	Hardware component type	EPC
Function allocation diagram	Hardware component type	PCD (material flow)
Function allocation diagram	Hardware component type	EPC (table display)
Function allocation diagram	Hardware component type	EPC (material flow)
Function allocation diagram	Hardware component type	PCD
Function allocation diagram	Hardware component type	EPC (row display)
Function tree	Function	Function tree
IE Data model	Entity type	eERM attribute allocation diagram
IE Data model	Generalization type	eERM attribute allocation diagram
IE Data model	Cluster/Data model	eERM attribute allocation diagram
Industrial process	Organizational unit	Function allocation diagram

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
Industrial process	Screen	Function allocation diagram
Industrial process	Function	Function allocation diagram
Industrial process	Application system type	Function allocation diagram
Industrial process	Person type	Function allocation diagram
Industrial process	Technical term	Function allocation diagram
Industrial process	Rule	Function allocation diagram
Industrial process	Event	Function allocation diagram
Industrial process	Information carrier	Function allocation diagram
Industrial process	Entity type	Function allocation diagram
Industrial process	Position	Function allocation diagram
Industrial process	Group	Function allocation diagram
Industrial process	Person	Function allocation diagram
Objective diagram	Critical factor	Objective diagram
Objective diagram	Objective	Objective diagram
Office process	Organizational unit	Function allocation diagram
Office process	Screen	Function allocation diagram
Office process	Function	Function allocation diagram
Office process	Application system type	Function allocation diagram
Office process	Person type	Function allocation diagram
Office process	Technical term	Function allocation diagram
Office process	Rule	Function allocation diagram
Office process	Event	Function allocation diagram
Office process	Information carrier	Function allocation diagram
Office process	Entity type	Function allocation diagram
Office process	Position	Function allocation diagram
Office process	Group	Function allocation diagram
Office process	Person	Function allocation diagram
OMT Class description model	Class	OMT Class description model
OMT Dynamic model	State	OMT Dynamic model
OMT Object model	Class	OMT Class description model
OMT Object model	Object instance	OMT Class description model
OMT Object model	Association	OMT Class description model
OMT Object model	Sp./gen. operator	OMT Class description model
OMT Object model	Constraint	OMT Class description model
Organizational chart	Position	Organizational chart
Organizational chart	Group	Organizational chart
Organizational chart	System organizational unit type	Organizational chart
Organizational chart	Organizational unit	Organizational chart
Organizational chart	Person	Organizational chart
Organizational chart	Location	Organizational chart
Organizational chart	System organizational unit	Organizational chart
Organizational chart	Organizational unit type	Organizational chart

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
PCD	IT function	Function allocation diagram
PCD	Organizational unit	Function allocation diagram
PCD	Screen	Function allocation diagram
PCD	Event	Event diagram
PCD	Event	Function allocation diagram
PCD	Organizational unit type	Function allocation diagram
PCD	Information carrier	Function allocation diagram
PCD	Entity type	Function allocation diagram
PCD	Application system	Function allocation diagram
PCD	Module type	Function allocation diagram
PCD	Application system class	Function allocation diagram
PCD	Location	Function allocation diagram
PCD	Function	Function allocation diagram
PCD	IT function type	Function allocation diagram
PCD	Module	Function allocation diagram
PCD	Application system type	Function allocation diagram
PCD	Person type	Function allocation diagram
PCD	Hardware component type	Function allocation diagram
PCD	Authorization condition	Function allocation diagram
PCD	Rule	Function allocation diagram
PCD	Position	Function allocation diagram
PCD	Group	Function allocation diagram
PCD	Person	Function allocation diagram
PCD (material flow)	IT function	Function allocation diagram
PCD (material flow)	Organizational unit	Function allocation diagram
PCD (material flow)	Screen	Function allocation diagram
PCD (material flow)	Technical operating supply	Function allocation diagram
PCD (material flow)	Transport system type	Function allocation diagram
PCD (material flow)	Warehouse equipment type	Function allocation diagram
PCD (material flow)	Transport system	Function allocation diagram
PCD (material flow)	Technical operating supply type	Function allocation diagram
PCD (material flow)	Event	Event diagram
PCD (material flow)	Event	Function allocation diagram
PCD (material flow)	Organizational unit type	Function allocation diagram
PCD (material flow)	Information carrier	Function allocation diagram
PCD (material flow)	Entity type	Function allocation diagram
PCD (material flow)	Application system	Function allocation diagram
PCD (material flow)	Warehouse equipment	Function allocation diagram
PCD (material flow)	Module type	Function allocation diagram
PCD (material flow)	Operating resource	Function allocation diagram
PCD (material flow)	Material type	Function allocation diagram
PCD (material flow)	Location	Function allocation diagram

Table 13–686 (Cont.) Source Model Type Name

Source Model Type Name	Object Type	Assignable Model Type
PCD (material flow)	Function	Function allocation diagram
PCD (material flow)	IT function type	Function allocation diagram
PCD (material flow)	Module	Function allocation diagram
PCD (material flow)	Application system type	Function allocation diagram
PCD (material flow)	Operating resource type	Function allocation diagram
PCD (material flow)	Person type	Function allocation diagram
PCD (material flow)	Hardware component type	Function allocation diagram
PCD (material flow)	Authorization condition	Function allocation diagram
PCD (material flow)	Rule	Function allocation diagram
PCD (material flow)	Position	Function allocation diagram
PCD (material flow)	Group	Function allocation diagram
PCD (material flow)	Person	Function allocation diagram
Product tree	Product/Service	Product tree
Program flow chart	Hardware component type	Access diagram
Quick model	Quick object	Quick model
Risk diagram	Risk category	Risk diagram
Risk diagram	Risk	Risk diagram
Structuring model	Structural element	Structuring model
Technical terms model	Technical term	Technical terms model
UML Class diagram	Class	UML Class description diagram
Value-added chain diagram	Function	Function allocation diagram

13.6 Number of Possible Assignments

Table 13–687 Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Actor	Quick model	Multiple
Application system	Access diagram (physical)	Multiple
Application system	Application system diagram	Unique
Application system	Business controls diagram	Unique
Application system	Program flow chart (PF)	Unique
Application system	Quick model	Multiple
Application system class	Application system type diagram	Multiple
Application system class	Business controls diagram	Unique
Application system class	Network topology	Unique
Application system class	Program flow chart (PF)	Unique
Application system class	Quick model	Multiple
Application system class	UML Class description diagram	Unique
Application system type	Access diagram	Multiple
Application system type	Application system diagram	Multiple
Application system type	Application system type diagram	Multiple
Application system type	Application system type diagram (column display)	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Application system type	Business controls diagram	Unique
Application system type	eERM	Multiple
Application system type	IE Data model	Multiple
Application system type	Program flow chart	Multiple
Application system type	Program flow chart (PF)	Unique
Application system type	Quick model	Multiple
Application system type	Screen navigation	Unique
Application system type	Table diagram	Multiple
Application system type	UML Activity diagram	Multiple
Application system type	UML Class diagram	Unique
Application system type	UML Collaboration diagram	Multiple
Application system type	UML Component diagram	Unique
Application system type	UML Sequence diagram	Multiple
Application system type	UML Statechart diagram	Multiple
Argument	Quick model	Multiple
Artifact	eERM	Multiple
Artifact	Quick model	Multiple
Artifact	UML Activity diagram	Multiple
Artifact	UML Class diagram	Multiple
Artifact	UML Collaboration diagram	Multiple
Artifact	UML Sequence diagram	Multiple
Artifact	UML Statechart diagram	Multiple
Association	eERM	Unique
Association	Quick model	Multiple
Association	UML Activity diagram	Multiple
Association	UML Class diagram	Multiple
Association	UML Collaboration diagram	Multiple
Association	UML Sequence diagram	Multiple
Association	UML Statechart diagram	Multiple
Association class	eERM	Multiple
Association class	Quick model	Multiple
Association class	UML Activity diagram	Multiple
Association class	UML Class diagram	Multiple
Association class	UML Collaboration diagram	Multiple
Association class	UML Sequence diagram	Multiple
Association class	UML Statechart diagram	Multiple
Association instance	Quick model	Multiple
Association instance	UML Activity diagram	Multiple
Association instance	UML Class diagram	Multiple
Association instance	UML Collaboration diagram	Multiple
Association instance	UML Sequence diagram	Multiple
Association role	eERM	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Association role	Quick model	Multiple
Association role	UML Activity diagram	Multiple
Association role	UML Class diagram	Multiple
Association role	UML Collaboration diagram	Multiple
Association role	UML Sequence diagram	Multiple
Association role	UML Statechart diagram	Multiple
Attribute	Quick model	Multiple
Attribute type	Quick model	Multiple
Attribute type group	Attribute allocation diagram	Unique
Attribute type group	BPEL allocation diagram	Unique
Attribute type group	Quick model	Multiple
Attribute type group	Relations diagram	Unique
Authorization condition	Authorization hierarchy	Unique
Authorization condition	Quick model	Multiple
Bitmap	Quick model	Multiple
Break	Quick model	Multiple
Business object	Attribute allocation diagram	Unique
Business object	Quick model	Multiple
Business object	Relations diagram	Unique
Business rule	Quick model	Multiple
Business segment	Objective diagram	Unique
Business segment	Quick model	Multiple
Business segment	Value-added chain diagram	Unique
Button	Quick model	Multiple
Class	Access diagram	Unique
Class	Access diagram (physical)	Unique
Class	Attribute allocation diagram	Unique
Class	BPEL allocation diagram	Unique
Class	eERM	Unique
Class	EPC	Unique
Class	EPC (column display)	Unique
Class	EPC (horizontal table display)	Unique
Class	EPC (row display)	Unique
Class	EPC (table display)	Unique
Class	IE Data model	Unique
Class	OMT Class description model	Unique
Class	OMT Dynamic model	Unique
Class	Program flow chart	Unique
Class	Quick model	Multiple
Class	Relations diagram	Unique
Class	Screen design	Unique
Class	Screen diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Class	SeDaM model	Unique
Class	Technical terms model	Unique
Class	UML Activity diagram	Unique
Class	UML Class description diagram	Unique
Class	UML Class diagram	Multiple
Class	UML Collaboration diagram	Multiple
Class	UML Sequence diagram	Multiple
Class	UML Statechart diagram	Unique
Class	UML Use case diagram	Unique
Classification criterion	Quick model	Multiple
Classifier role	eERM	Multiple
Classifier role	Quick model	Multiple
Classifier role	UML Activity diagram	Multiple
Classifier role	UML Class diagram	Multiple
Classifier role	UML Collaboration diagram	Multiple
Classifier role	UML Sequence diagram	Multiple
Classifier role	UML Statechart diagram	Multiple
Classifier-in-state	eERM	Multiple
Classifier-in-state	Quick model	Multiple
Classifier-in-state	UML Activity diagram	Multiple
Classifier-in-state	UML Class diagram	Multiple
Classifier-in-state	UML Collaboration diagram	Multiple
Classifier-in-state	UML Sequence diagram	Multiple
Classifier-in-state	UML Statechart diagram	Multiple
Cluster instance	Information carrier diagram	Unique
Cluster instance	Quick model	Multiple
Cluster/Data model	Attribute allocation diagram	Unique
Cluster/Data model	Class diagram	Unique
Cluster/Data model	DTD	Unique
Cluster/Data model	DW structure	Unique
Cluster/Data model	DW transformation	Multiple
Cluster/Data model	eERM	Unique
Cluster/Data model	IE Data model	Multiple
Cluster/Data model	OMT Object model	Unique
Cluster/Data model	Quick model	Multiple
Cluster/Data model	Screen design	Unique
Cluster/Data model	SeDaM model	Unique
Cluster/Data model	UML Class diagram	Unique
Collaboration	Quick model	Multiple
Collaboration instance set	Quick model	Multiple
Column	Quick model	Multiple
Column	Screen diagram	Unique

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Combo box	Quick model	Multiple
Communication	Class diagram	Multiple
Communication	DTD	Multiple
Communication	DW structure	Multiple
Communication	IE Data model	Multiple
Communication	Process selection diagram	Unique
Communication	Process selection matrix	Unique
Communication	Quick model	Multiple
Communication	SeDaM model	Multiple
Communication	UML Class diagram	Multiple
Complex object	Quick model	Multiple
Complex object type	Attribute allocation diagram	Unique
Complex object type	DTD	Unique
Complex object type	eERM	Unique
Complex object type	Quick model	Multiple
Complex object type	Relations diagram	Unique
Complex object type	Screen design	Unique
Component	Access diagram	Unique
Component	Access diagram (physical)	Unique
Component	Application system diagram	Unique
Component	Application system type diagram	Unique
Component	eERM	Multiple
Component	Function allocation diagram	Unique
Component	Program flow chart	Unique
Component	Program flow chart (PF)	Unique
Component	Quick model	Multiple
Component	UML Activity diagram	Multiple
Component	UML Class diagram	Multiple
Component	UML Collaboration diagram	Multiple
Component	UML Component diagram	Unique
Component	UML Deployment diagram	Multiple
Component	UML Sequence diagram	Multiple
Component	UML Statechart diagram	Multiple
Component	UML Use case diagram	Multiple
Component instance	Quick model	Multiple
Component instance	UML Activity diagram	Multiple
Component instance	UML Class diagram	Multiple
Component instance	UML Collaboration diagram	Multiple
Component instance	UML Component diagram	Unique
Component instance	UML Sequence diagram	Multiple
Conditional section	Quick model	Multiple
Connector	Quick model	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Constraint	Quick model	Multiple
Contents	Quick model	Multiple
Cost category	Quick model	Multiple
Cost driver	Quick model	Multiple
COT attribute	Quick model	Multiple
COT attribute (instance)	Quick model	Multiple
Critical factor	Quick model	Multiple
Data store	OMT Object model	Unique
Data store	Quick model	Multiple
Data value	OMT Data value decomposition	Unique
Data value	OMT Object model	Unique
Data value	Quick model	Multiple
Data value	UML Activity diagram	Multiple
Data value	UML Class diagram	Multiple
Data value	UML Collaboration diagram	Multiple
Data value	UML Sequence diagram	Multiple
DBMS	Quick model	Multiple
DBMS type	Quick model	Multiple
Distribution channel	Quick model	Multiple
Documented knowledge	Knowledge structure diagram	Unique
Documented knowledge	Quick model	Multiple
Domain	Quick model	Multiple
Domain (physical)	Quick model	Multiple
Draft list	Quick model	Multiple
Employee variable	Authorization map	Unique
Employee variable	Knowledge map	Unique
Employee variable	Quick model	Multiple
Entity	Quick model	Multiple
Entity type	Attribute allocation diagram	Unique
Entity type	Class diagram	Unique
Entity type	DTD	Unique
Entity type	DW structure	Unique
Entity type	DW transformation	Multiple
Entity type	eERM attribute allocation diagram	Unique
Entity type	Quick model	Multiple
Entity type	Screen design	Unique
Entity type	System attributes	Unique
Enumeration	Quick model	Multiple
Enumeration attribute type	Quick model	Multiple
Enumeration literal	Quick model	Multiple
Enumeration occurrence	Quick model	Multiple
ERM attribute	Quick model	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
ERM attribute instance	Quick model	Multiple
ERM domain	Quick model	Multiple
Event	BPEL allocation diagram	Unique
Event	BPEL process	Unique
Event	Event diagram	Unique
Event	Process instantiation model	Multiple
Event	Quick model	Multiple
Event	System attributes	Unique
Event instance	Quick model	Multiple
Exception	eERM	Multiple
Exception	Quick model	Multiple
Exception	UML Activity diagram	Multiple
Exception	UML Class diagram	Multiple
Exception	UML Collaboration diagram	Multiple
Exception	UML Sequence diagram	Multiple
Exception	UML Statechart diagram	Multiple
Extension point	Quick model	Multiple
Field	Quick model	Multiple
Field	Table diagram	Unique
Field (specimen)	Quick model	Multiple
Function	BPEL allocation diagram	Unique
Function	BPEL process	Unique
Function	Business controls diagram	Unique
Function	Business process diagram (BPMN)	Unique
Function	DW transformation	Unique
Function	E-Business scenario diagram	Multiple
Function	eERM	Multiple
Function	EPC	Multiple
Function	EPC (column display)	Multiple
Function	EPC (horizontal table display)	Multiple
Function	EPC (material flow)	Multiple
Function	EPC (row display)	Multiple
Function	EPC (table display)	Multiple
Function	Function allocation diagram	Unique
Function	Function tree	Unique
Function	Industrial process	Multiple
Function	Information flow diagram	Unique
Function	Material flow diagram	Unique
Function	Objective diagram	Unique
Function	Office process	Multiple
Function	PCD	Multiple
Function	PCD (material flow)	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Function	Process instantiation model	Unique
Function	Process selection diagram	Multiple
Function	Process selection matrix	Multiple
Function	Program flow chart	Unique
Function	Program flow chart (PF)	Unique
Function	Quick model	Multiple
Function	RAD	Unique
Function	Role diagram	Unique
Function	Screen design	Unique
Function	Screen diagram	Multiple
Function	System attributes	Unique
Function	UML Activity diagram	Multiple
Function	UML Class diagram	Multiple
Function	UML Collaboration diagram	Multiple
Function	UML Component diagram	Multiple
Function	UML Deployment diagram	Multiple
Function	UML Sequence diagram	Multiple
Function	UML Statechart diagram	Multiple
Function	UML Use case diagram	Unique
Function	Value-added chain diagram	Multiple
Function instance	EPC (instance)	Unique
Function instance	Function allocation diagram (instance)	Unique
Function instance	PPC	Unique
Function instance	Quick model	Multiple
Functional cluster	eERM	Multiple
Functional cluster	Enterprise architecture model	Multiple
Functional cluster	Enterprise architecture model (column display)	Multiple
Functional cluster	IE Data model	Multiple
Functional cluster	IS activation model	Multiple
Functional cluster	IS context model	Multiple
Functional cluster	Quick model	Multiple
General resource	Quick model	Multiple
Generalization type	eERM attribute allocation diagram	Unique
Generalization type	Quick model	Multiple
Graphical user interface type	Quick model	Multiple
Group	Authorization map	Unique
Group	eERM	Multiple
Group	Knowledge map	Unique
Group	Organizational chart	Unique
Group	Quick model	Multiple
Group	Shift calendar	Multiple
Group	UML Activity diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Group	UML Class diagram	Multiple
Group	UML Collaboration diagram	Multiple
Group	UML Sequence diagram	Multiple
Group	UML Statechart diagram	Multiple
Hardware component	Network diagram	Unique
Hardware component	Quick model	Multiple
Hardware component	UML Activity diagram	Multiple
Hardware component	UML Class diagram	Multiple
Hardware component	UML Collaboration diagram	Multiple
Hardware component	UML Deployment diagram	Unique
Hardware component	UML Sequence diagram	Multiple
Hardware component class	Quick model	Multiple
Hardware component type	Access diagram	Unique
Hardware component type	Access diagram (physical)	Unique
Hardware component type	eERM	Multiple
Hardware component type	Function allocation diagram	Unique
Hardware component type	Network topology	Unique
Hardware component type	Program flow chart	Unique
Hardware component type	Quick model	Multiple
Hardware component type	UML Class diagram	Multiple
Hardware component type	UML Collaboration diagram	Multiple
Hardware component type	UML Deployment diagram	Unique
Hardware component type	UML Sequence diagram	Multiple
Hardware component type	UML Statechart diagram	Multiple
Improvement potential	Quick model	Multiple
Index	Quick model	Multiple
Information carrier	eERM	Unique
Information carrier	Information carrier diagram	Unique
Information carrier	Quick model	Multiple
Information carrier	Relations diagram	Unique
Information carrier	Screen navigation	Unique
Information carrier	SeDaM model	Unique
Information carrier	System attributes	Unique
Information carrier	Table diagram	Unique
Information carrier	Technical terms model	Unique
Information carrier	UML Class diagram	Unique
Information flow	Class diagram	Unique
Information flow	eERM	Unique
Information flow	IE Data model	Unique
Information flow	Quick model	Multiple
Information flow	Relations diagram	Unique
Information flow	SeDaM model	Unique

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Information flow	Table diagram	Unique
Information flow	Technical terms model	Unique
Information flow	UML Class diagram	Unique
Instantiation cycle	Quick model	Multiple
Instantiation interval	Quick model	Multiple
Instantiation plan	Quick model	Multiple
Interaction instance set	Quick model	Multiple
IS function	eERM	Multiple
IS function	Enterprise architecture model	Multiple
IS function	Enterprise architecture model (column display)	Multiple
IS function	IE Data model	Multiple
IS function	IS activation model	Multiple
IS function	IS context model	Multiple
IS function	Quick model	Multiple
IS function	UML Use case diagram	Unique
IS service	eERM	Multiple
IS service	Enterprise architecture model	Multiple
IS service	Enterprise architecture model (column display)	Multiple
IS service	IE Data model	Multiple
IS service	IS activation model	Multiple
IS service	IS context model	Multiple
IS service	Quick model	Multiple
IT function	Access diagram (physical)	Unique
IT function	Application system diagram	Unique
IT function	Business controls diagram	Unique
IT function	Program flow chart (PF)	Unique
IT function	Quick model	Multiple
IT function class	Business controls diagram	Unique
IT function class	Program flow chart (PF)	Unique
IT function class	Quick model	Multiple
IT function type	Access diagram	Multiple
IT function type	Application system type diagram	Multiple
IT function type	Application system type diagram (column display)	Multiple
IT function type	Business controls diagram	Unique
IT function type	eERM	Multiple
IT function type	IE Data model	Multiple
IT function type	Program flow chart	Multiple
IT function type	Program flow chart (PF)	Unique
IT function type	Quick model	Multiple
IT function type	Screen design	Unique

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
IT function type	Screen navigation	Unique
IT function type	Table diagram	Multiple
IT function type	UML Class diagram	Unique
Item type	DTD	Unique
Item type	Quick model	Multiple
Knowledge category	Knowledge map	Unique
Knowledge category	Knowledge structure diagram	Unique
Knowledge category	Quick model	Multiple
KPI instance	Quick model	Multiple
Lane	Quick model	Multiple
Layout	Quick model	Multiple
Link object	Quick model	Multiple
Link object	UML Activity diagram	Multiple
Link object	UML Class diagram	Multiple
Link object	UML Collaboration diagram	Multiple
Link object	UML Sequence diagram	Multiple
List	Quick model	Multiple
List control	Quick model	Multiple
Location	Authorization map	Unique
Location	Knowledge map	Unique
Location	Network diagram	Unique
Location	Network topology	Unique
Location	Organizational chart	Unique
Location	Quick model	Multiple
Loop start	BPEL allocation diagram	Unique
Loop start	Quick model	Multiple
Main process	Quick model	Multiple
Marketing instrument	Quick model	Multiple
Material class	Quick model	Multiple
Material flow	Material diagram	Unique
Material flow	Quick model	Multiple
Material type	Quick model	Multiple
Measurement unit	Quick model	Multiple
Measurement unit number	Quick model	Multiple
Memory location	Quick model	Multiple
Module	Access diagram (physical)	Unique
Module	Application system diagram	Unique
Module	Business controls diagram	Unique
Module	Quick model	Multiple
Module class	Business controls diagram	Unique
Module class	Quick model	Multiple
Module type	Access diagram	Unique

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Module type	Application system diagram	Multiple
Module type	Application system type diagram	Unique
Module type	Business controls diagram	Unique
Module type	Program flow chart	Unique
Module type	Quick model	Multiple
Module type	Screen navigation	Unique
Module type	UML Class diagram	Unique
Need	Quick model	Multiple
Network	Network diagram	Unique
Network	Quick model	Multiple
Network class	Quick model	Multiple
Network connection	Quick model	Multiple
Network connection type	Quick model	Multiple
Network node	Quick model	Multiple
Network node type	Quick model	Multiple
Network type	Network topology	Unique
Network type	Quick model	Multiple
Note	Quick model	Multiple
Object instance	Quick model	Multiple
Object instance	UML Activity diagram	Multiple
Object instance	UML Class diagram	Multiple
Object instance	UML Collaboration diagram	Multiple
Object instance	UML Sequence diagram	Multiple
Object type class	Quick model	Multiple
Objective	Objective diagram	Unique
Objective	Product/Service tree	Unique
Objective	Product/Service tree (graphic)	Unique
Objective	Quick model	Multiple
Operating resource	Quick model	Multiple
Operating resource	Shift calendar	Unique
Operating resource class	Quick model	Multiple
Operating resource type	Quick model	Multiple
Operating resource type	Technical resources	Unique
Operating system	Quick model	Multiple
Operating system type	Quick model	Multiple
Operation	Quick model	Multiple
Organizational chart	Organizational chart	Unique
Organizational chart	Quick model	Multiple
Organizational level	Quick model	Multiple
Organizational unit	Authorization map	Unique
Organizational unit	Communications diagram	Unique
Organizational unit	eERM	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Organizational unit	Knowledge map	Unique
Organizational unit	Network diagram	Unique
Organizational unit	Network topology	Unique
Organizational unit	Organizational chart	Unique
Organizational unit	Process selection diagram	Unique
Organizational unit	Process selection matrix	Unique
Organizational unit	Quick model	Multiple
Organizational unit	Shift calendar	Multiple
Organizational unit	System attributes	Unique
Organizational unit	UML Activity diagram	Multiple
Organizational unit	UML Class diagram	Multiple
Organizational unit	UML Collaboration diagram	Multiple
Organizational unit	UML Sequence diagram	Multiple
Organizational unit	UML Statechart diagram	Multiple
Organizational unit type	Authorization map	Unique
Organizational unit type	Communications diagram	Unique
Organizational unit type	Knowledge map	Unique
Organizational unit type	Organizational chart	Unique
Organizational unit type	Process selection diagram	Unique
Organizational unit type	Process selection matrix	Unique
Organizational unit type	Quick model	Multiple
Package	Application system type diagram	Unique
Package	Attribute allocation diagram	Unique
Package	DTD	Unique
Package	eERM	Multiple
Package	EPC	Multiple
Package	EPC (column display)	Multiple
Package	EPC (horizontal table display)	Multiple
Package	EPC (material flow)	Multiple
Package	EPC (row display)	Multiple
Package	EPC (table display)	Multiple
Package	Industrial process	Multiple
Package	Office process	Multiple
Package	PCD	Multiple
Package	PCD (material flow)	Multiple
Package	Quick model	Multiple
Package	Relations diagram	Unique
Package	UML Activity diagram	Multiple
Package	UML Class description diagram	Unique
Package	UML Class diagram	Multiple
Package	UML Collaboration diagram	Multiple
Package	UML Component diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Package	UML Deployment diagram	Multiple
Package	UML Sequence diagram	Multiple
Package	UML Statechart diagram	Multiple
Package	UML Use case diagram	Multiple
Packaging material class	Quick model	Multiple
Packaging material type	Quick model	Multiple
Page	Quick model	Multiple
Page	Screen diagram	Unique
Parameter	Quick model	Multiple
Partner	Quick model	Multiple
Partner link	Quick model	Multiple
Person	Authorization map	Unique
Person	eERM	Multiple
Person	Knowledge map	Unique
Person	Quick model	Multiple
Person	Shift calendar	Multiple
Person	System attributes	Unique
Person	UML Activity diagram	Multiple
Person	UML Class diagram	Multiple
Person	UML Collaboration diagram	Multiple
Person	UML Sequence diagram	Multiple
Person	UML Statechart diagram	Multiple
Person type	Authorization map	Unique
Person type	eERM	Multiple
Person type	Knowledge map	Unique
Person type	Organizational chart	Unique
Person type	Quick model	Multiple
Person type	Role diagram	Unique
Person type	Shift calendar	Multiple
Person type	UML Activity diagram	Multiple
Person type	UML Class diagram	Multiple
Person type	UML Collaboration diagram	Multiple
Person type	UML Sequence diagram	Multiple
Person type	UML Statechart diagram	Multiple
Pool	Business process diagram (BPMN)	Unique
Pool	Quick model	Multiple
Position	Authorization map	Unique
Position	Knowledge map	Unique
Position	Organizational chart	Unique
Position	Quick model	Multiple
Position	Shift calendar	Multiple
Process	OMT Functional model	Unique

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Process	Quick model	Multiple
Product/Service	Competition model	Unique
Product/Service	EPC	Multiple
Product/Service	EPC (column display)	Multiple
Product/Service	EPC (horizontal table display)	Multiple
Product/Service	EPC (material flow)	Multiple
Product/Service	EPC (row display)	Multiple
Product/Service	EPC (table display)	Multiple
Product/Service	Function tree	Unique
Product/Service	Industrial process	Multiple
Product/Service	Office process	Multiple
Product/Service	Process selection diagram	Multiple
Product/Service	Process selection matrix	Multiple
Product/Service	Product allocation diagram	Unique
Product/Service	Product selection matrix	Unique
Product/Service	Product tree	Unique
Product/Service	Product/Service exchange diagram	Unique
Product/Service	Product/Service exchange diagram (graphic)	Unique
Product/Service	Product/Service tree	Unique
Product/Service	Product/Service tree (graphic)	Unique
Product/Service	Quick model	Multiple
Product/Service	UML Statechart diagram	Unique
Product/Service	Value-added chain diagram	Multiple
Product/Service characteristic	Quick model	Multiple
Profile	eERM	Multiple
Profile	EPC	Multiple
Profile	EPC (column display)	Multiple
Profile	EPC (horizontal table display)	Multiple
Profile	EPC (material flow)	Multiple
Profile	EPC (row display)	Multiple
Profile	EPC (table display)	Multiple
Profile	Industrial process	Multiple
Profile	Office process	Multiple
Profile	PCD	Multiple
Profile	PCD (material flow)	Multiple
Profile	Quick model	Multiple
Profile	UML Activity diagram	Multiple
Profile	UML Class diagram	Multiple
Profile	UML Collaboration diagram	Multiple
Profile	UML Component diagram	Multiple
Profile	UML Deployment diagram	Multiple
Profile	UML Sequence diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Profile	UML Statechart diagram	Multiple
Profile	UML Use case diagram	Multiple
Program library	Quick model	Multiple
Program module	Quick model	Multiple
Program module type	Quick model	Multiple
Programming language	Quick model	Multiple
Protocol	Quick model	Multiple
Quick object	Access diagram	Multiple
Quick object	Access diagram (physical)	Multiple
Quick object	Application system diagram	Multiple
Quick object	Application system type diagram	Multiple
Quick object	Application system type diagram (column display)	Multiple
Quick object	Attribute allocation diagram	Multiple
Quick object	Authorization hierarchy	Multiple
Quick object	Authorization map	Multiple
Quick object	BPEL allocation diagram	Multiple
Quick object	BPEL process	Multiple
Quick object	Business controls diagram	Multiple
Quick object	Business process diagram (BPMN)	Multiple
Quick object	Business segment matrix	Multiple
Quick object	c3 method	Multiple
Quick object	CD Diagram	Multiple
Quick object	Class diagram	Multiple
Quick object	Classification diagram	Multiple
Quick object	Communications diagram	Multiple
Quick object	Competition model	Multiple
Quick object	Cost category diagram	Multiple
Quick object	DTD	Multiple
Quick object	DW structure	Multiple
Quick object	DW transformation	Multiple
Quick object	E-Business scenario diagram	Multiple
Quick object	eERM	Multiple
Quick object	eERM attribute allocation diagram	Multiple
Quick object	Enterprise architecture model	Multiple
Quick object	Enterprise architecture model (column display)	Multiple
Quick object	EPC	Multiple
Quick object	EPC (column display)	Multiple
Quick object	EPC (horizontal table display)	Multiple
Quick object	EPC (instance)	Multiple
Quick object	EPC (material flow)	Multiple
Quick object	EPC (row display)	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Quick object	EPC (table display)	Multiple
Quick object	Event diagram	Multiple
Quick object	Function allocation diagram	Multiple
Quick object	Function allocation diagram (instance)	Multiple
Quick object	Function tree	Multiple
Quick object	Function/organizational level diagram	Multiple
Quick object	IE Data model	Multiple
Quick object	Industrial process	Multiple
Quick object	Information carrier diagram	Multiple
Quick object	Information flow diagram	Multiple
Quick object	Input/Output diagram	Multiple
Quick object	Input/Output diagram (inverse)	Multiple
Quick object	IS activation model	Multiple
Quick object	IS context model	Multiple
Quick object	Knowledge map	Multiple
Quick object	Knowledge structure diagram	Multiple
Quick object	Material diagram	Multiple
Quick object	Material flow diagram	Multiple
Quick object	Network diagram	Multiple
Quick object	Network topology	Multiple
Quick object	Objective diagram	Multiple
Quick object	Office process	Multiple
Quick object	OMT Class description model	Multiple
Quick object	OMT Data value decomposition	Multiple
Quick object	OMT Dynamic model	Multiple
Quick object	OMT Functional model	Multiple
Quick object	OMT Object model	Multiple
Quick object	Organizational chart	Multiple
Quick object	PCD	Multiple
Quick object	PCD (material flow)	Multiple
Quick object	PPC	Multiple
Quick object	Privileges diagram	Multiple
Quick object	Process instantiation model	Multiple
Quick object	Process selection diagram	Multiple
Quick object	Process selection matrix	Multiple
Quick object	Product allocation diagram	Multiple
Quick object	Product selection matrix	Multiple
Quick object	Product tree	Multiple
Quick object	Product/Service exchange diagram	Multiple
Quick object	Product/Service exchange diagram (graphic)	Multiple
Quick object	Product/Service tree	Multiple
Quick object	Product/Service tree (graphic)	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Quick object	Program flow chart	Multiple
Quick object	Program flow chart (PF)	Multiple
Quick object	Quick model	Multiple
Quick object	RAD	Multiple
Quick object	RAMS	Multiple
Quick object	Relations diagram	Multiple
Quick object	Risk diagram	Multiple
Quick object	Role diagram	Multiple
Quick object	Rule diagram	Multiple
Quick object	Screen design	Multiple
Quick object	Screen diagram	Multiple
Quick object	Screen navigation	Multiple
Quick object	SeDaM model	Multiple
Quick object	Structuring model	Multiple
Quick object	System attribute domain	Multiple
Quick object	System attributes	Multiple
Quick object	Table diagram	Multiple
Quick object	Technical resources	Multiple
Quick object	Technical terms model	Multiple
Quick object	UML Activity diagram	Multiple
Quick object	UML Class description diagram	Multiple
Quick object	UML Class diagram	Multiple
Quick object	UML Collaboration diagram	Multiple
Quick object	UML Component diagram	Multiple
Quick object	UML Deployment diagram	Multiple
Quick object	UML Sequence diagram	Multiple
Quick object	UML Statechart diagram	Multiple
Quick object	UML Use case diagram	Multiple
Quick object	Value-added chain diagram	Multiple
Quick object	Y diagram	Multiple
Radio button/Check box	Quick model	Multiple
Reception	Quick model	Multiple
Reception	UML Activity diagram	Multiple
Reception	UML Class diagram	Multiple
Reception	UML Collaboration diagram	Multiple
Reception	UML Sequence diagram	Multiple
Reception	UML Statechart diagram	Multiple
Relation	Attribute allocation diagram	Unique
Relation	Quick model	Multiple
Relationship	Quick model	Multiple
Relationship type	Class diagram	Unique
Relationship type	DTD	Unique

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Relationship type	eERM attribute allocation diagram	Unique
Relationship type	Quick model	Multiple
Relationship type	Screen design	Unique
Risk	Business controls diagram	Unique
Risk	EPC	Multiple
Risk	KPI allocation diagram	Unique
Risk	Quick model	Multiple
Risk	Risk diagram	Unique
Risk category	Quick model	Multiple
Risk category	Risk diagram	Unique
Rule	BPEL allocation diagram	Unique
Rule	Quick model	Multiple
Rule	Rule diagram	Unique
Rule instance	Quick model	Multiple
Screen	eERM	Unique
Screen	IE Data model	Unique
Screen	Quick model	Multiple
Screen	Screen design	Unique
Screen	Screen diagram	Unique
Screen	Screen navigation	Unique
Screen	SeDaM model	Unique
Screen	Technical terms model	Unique
Screen	UML Class diagram	Unique
Screen design	eERM	Unique
Screen design	IE Data model	Unique
Screen design	Quick model	Multiple
Screen design	SeDaM model	Unique
Screen table	Quick model	Multiple
Screen table	Screen diagram	Unique
Section	Quick model	Multiple
Section	Screen diagram	Unique
Security protocol	Quick model	Multiple
Separator	Quick model	Multiple
Sequence	Quick model	Multiple
Shift	Quick model	Multiple
Shift cycle	Quick model	Multiple
Shift plan	Quick model	Multiple
Signal	eERM	Multiple
Signal	Quick model	Multiple
Signal	UML Activity diagram	Multiple
Signal	UML Class diagram	Multiple
Signal	UML Collaboration diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Signal	UML Sequence diagram	Multiple
Signal	UML Statechart diagram	Multiple
Socket	Access diagram	Multiple
Socket	Application system type diagram	Multiple
Socket	Application system type diagram (column display)	Multiple
Socket	eERM	Multiple
Socket	IE Data model	Multiple
Socket	Program flow chart	Multiple
Socket	Quick model	Multiple
Socket	Table diagram	Multiple
Sp./gen. operator	Quick model	Multiple
Spin box	Quick model	Multiple
State	OMT Dynamic model	Unique
State	Quick model	Multiple
Stereotype	Quick model	Multiple
Structural element	Access diagram	Multiple
Structural element	Access diagram (physical)	Multiple
Structural element	Application system diagram	Multiple
Structural element	Application system type diagram	Multiple
Structural element	Application system type diagram (column display)	Multiple
Structural element	Attribute allocation diagram	Multiple
Structural element	Authorization hierarchy	Multiple
Structural element	BPEL allocation diagram	Multiple
Structural element	BPEL process	Multiple
Structural element	Business controls diagram	Multiple
Structural element	Business process diagram (BPMN)	Multiple
Structural element	Business segment matrix	Multiple
Structural element	c3 method	Multiple
Structural element	CD Diagram	Multiple
Structural element	Class diagram	Multiple
Structural element	Classification diagram	Multiple
Structural element	Communications diagram	Multiple
Structural element	Competition model	Multiple
Structural element	Cost category diagram	Multiple
Structural element	DTD	Multiple
Structural element	DW structure	Multiple
Structural element	DW transformation	Multiple
Structural element	E-Business scenario diagram	Multiple
Structural element	eERM	Multiple
Structural element	eERM attribute allocation diagram	Multiple
Structural element	Enterprise architecture model	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Structural element	Enterprise architecture model (column display)	Multiple
Structural element	EPC	Multiple
Structural element	EPC (column display)	Multiple
Structural element	EPC (horizontal table display)	Multiple
Structural element	EPC (instance)	Multiple
Structural element	EPC (material flow)	Multiple
Structural element	EPC (row display)	Multiple
Structural element	EPC (table display)	Multiple
Structural element	Event diagram	Multiple
Structural element	Function allocation diagram	Multiple
Structural element	Function allocation diagram (instance)	Multiple
Structural element	Function tree	Multiple
Structural element	Function/organizational level diagram	Multiple
Structural element	IE Data model	Multiple
Structural element	Industrial process	Multiple
Structural element	Information carrier diagram	Multiple
Structural element	Information flow diagram	Multiple
Structural element	Input/Output diagram	Multiple
Structural element	Input/Output diagram (inverse)	Multiple
Structural element	IS activation model	Multiple
Structural element	IS context model	Multiple
Structural element	Knowledge map	Multiple
Structural element	Knowledge structure diagram	Multiple
Structural element	KPI allocation diagram	Multiple
Structural element	Material diagram	Multiple
Structural element	Material flow diagram	Multiple
Structural element	Network diagram	Multiple
Structural element	Network topology	Multiple
Structural element	Objective diagram	Multiple
Structural element	Office process	Multiple
Structural element	OMT Class description model	Multiple
Structural element	OMT Data value decomposition	Multiple
Structural element	OMT Dynamic model	Multiple
Structural element	OMT Functional model	Multiple
Structural element	OMT Object model	Multiple
Structural element	Organizational chart	Multiple
Structural element	PCD	Multiple
Structural element	PCD (material flow)	Multiple
Structural element	PPC	Multiple
Structural element	Privileges diagram	Multiple
Structural element	Process instantiation model	Multiple
Structural element	Process selection diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Structural element	Process selection matrix	Multiple
Structural element	Product allocation diagram	Multiple
Structural element	Product selection matrix	Multiple
Structural element	Product tree	Multiple
Structural element	Product/Service exchange diagram	Multiple
Structural element	Product/Service exchange diagram (graphic)	Multiple
Structural element	Product/Service tree	Multiple
Structural element	Product/Service tree (graphic)	Multiple
Structural element	Program flow chart	Multiple
Structural element	Program flow chart (PF)	Multiple
Structural element	Quick model	Multiple
Structural element	RAD	Multiple
Structural element	RAMS	Multiple
Structural element	Relations diagram	Multiple
Structural element	Risk diagram	Multiple
Structural element	Role diagram	Multiple
Structural element	Rule diagram	Multiple
Structural element	Screen design	Multiple
Structural element	Screen diagram	Multiple
Structural element	Screen navigation	Multiple
Structural element	SeDaM model	Multiple
Structural element	Shift calendar	Multiple
Structural element	Structuring model	Multiple
Structural element	System attribute domain	Multiple
Structural element	System attributes	Multiple
Structural element	Table diagram	Multiple
Structural element	Technical resources	Multiple
Structural element	Technical terms model	Multiple
Structural element	UML Activity diagram	Multiple
Structural element	UML Class description diagram	Multiple
Structural element	UML Class diagram	Multiple
Structural element	UML Collaboration diagram	Multiple
Structural element	UML Component diagram	Multiple
Structural element	UML Deployment diagram	Multiple
Structural element	UML Sequence diagram	Multiple
Structural element	UML Statechart diagram	Multiple
Structural element	UML Use case diagram	Multiple
Structural element	Value-added chain diagram	Multiple
Structural element	Y diagram	Multiple
Subsystem	eERM	Multiple
Subsystem	EPC	Multiple
Subsystem	EPC (column display)	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Subsystem	EPC (horizontal table display)	Multiple
Subsystem	EPC (material flow)	Multiple
Subsystem	EPC (row display)	Multiple
Subsystem	EPC (table display)	Multiple
Subsystem	Industrial process	Multiple
Subsystem	Office process	Multiple
Subsystem	PCD	Multiple
Subsystem	PCD (material flow)	Multiple
Subsystem	Quick model	Multiple
Subsystem	UML Activity diagram	Multiple
Subsystem	UML Class diagram	Multiple
Subsystem	UML Collaboration diagram	Multiple
Subsystem	UML Component diagram	Multiple
Subsystem	UML Deployment diagram	Multiple
Subsystem	UML Sequence diagram	Multiple
Subsystem	UML Statechart diagram	Multiple
Subsystem	UML Use case diagram	Multiple
Subsystem instance	Quick model	Multiple
Subsystem instance	UML Activity diagram	Multiple
Subsystem instance	UML Class diagram	Multiple
Subsystem instance	UML Collaboration diagram	Multiple
Subsystem instance	UML Sequence diagram	Multiple
System attribute	Quick model	Multiple
System attribute	System attribute domain	Unique
System attribute domain	Quick model	Multiple
System organizational unit	Authorization map	Unique
System organizational unit	Knowledge map	Unique
System organizational unit	Organizational chart	Unique
System organizational unit	Quick model	Multiple
System organizational unit type	Authorization map	Unique
System organizational unit type	Knowledge map	Unique
System organizational unit type	Organizational chart	Unique
System organizational unit type	Quick model	Multiple
Table	Quick model	Multiple
Table	Table diagram	Unique
Tables (specimen)	Quick model	Multiple
Tag definition	Quick model	Multiple
Tagged value	Quick model	Multiple
Tech. operating supply class	Quick model	Multiple
Technical operating supply	Quick model	Multiple
Technical operating supply	Shift calendar	Unique
Technical operating supply type	Quick model	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Technical term	Attribute allocation diagram	Unique
Technical term	Class diagram	Unique
Technical term	DTD	Unique
Technical term	Quick model	Multiple
Technical term	Relations diagram	Unique
Technical term	System attributes	Unique
Technical term	Technical terms model	Unique
Technical terms instance	Quick model	Multiple
Test definition	Quick model	Multiple
Text	Quick model	Multiple
Text box	Quick model	Multiple
Tool	Quick model	Multiple
Transaction folder	Quick model	Multiple
Transport system	Quick model	Multiple
Transport system	Shift calendar	Unique
Transport system class	Quick model	Multiple
Transport system type	Quick model	Multiple
Tree control	Quick model	Multiple
UML Model	eERM	Multiple
UML Model	EPC	Multiple
UML Model	EPC (column display)	Multiple
UML Model	EPC (horizontal table display)	Multiple
UML Model	EPC (material flow)	Multiple
UML Model	EPC (row display)	Multiple
UML Model	EPC (table display)	Multiple
UML Model	Industrial process	Multiple
UML Model	Office process	Multiple
UML Model	PCD	Multiple
UML Model	PCD (material flow)	Multiple
UML Model	Quick model	Multiple
UML Model	UML Activity diagram	Multiple
UML Model	UML Class diagram	Multiple
UML Model	UML Collaboration diagram	Multiple
UML Model	UML Component diagram	Multiple
UML Model	UML Deployment diagram	Multiple
UML Model	UML Sequence diagram	Multiple
UML Model	UML Statechart diagram	Multiple
UML Model	UML Use case diagram	Multiple
Use case instance	Quick model	Multiple
Use case instance	UML Activity diagram	Multiple
Use case instance	UML Class diagram	Multiple
Use case instance	UML Collaboration diagram	Multiple

Table 13–687 (Cont.) Object Type Name

Object Type Name	Assignable Model Type	Number Assignments
Use case instance	UML Sequence diagram	Multiple
View	Quick model	Multiple
View	Relations diagram	Unique
View (physical)	Quick model	Multiple
Warehouse equipment	Quick model	Multiple
Warehouse equipment	Shift calendar	Unique
Warehouse equipment class	Quick model	Multiple
Warehouse equipment type	Quick model	Multiple
XOR	Quick model	Multiple

13.7 Classification of Models

Model layout is determined on the basis of symbol positions and relationship significance. Which symbols and relationships take on the central role depends on the model type. The allocations are listed in the following tables.

13.7.1 Layout Classes

Table 13–688 Class

Class	Description
Pure hierarchy (PH)	Pure hierarchies consist of one object type only. The hierarchy relationship can be reflected by different connection types.
Pure hierarchy with allocation (HA)	Hierarchies with allocations represent trees that are made up of one object type only. The hierarchy relationship can be reflected by different connection types. Besides hierarchy relationships, other object types can be assigned to the objects that make up the hierarchy.
Hierarchies with crosslinks (HC)	Hierarchies with crosslinks are hierarchies made up of various object types. The hierarchy relationship can be reflected by different connection types. Besides the hierarchy relationships, the objects that make up the hierarchy can have relationships with each other, either directly or via other object types.
Central object type (CO)	Models with a central object type are used to represent relationships between this object type and other object types.
Central object type with priority (CP)	Models with a central object type with priority are used to represent relationships between the central object type and other object types. The object type with the highest priority in the current model occupies the central role.
Directed graph with associations (DG)	Directed graphs with associations are used to represent models in which specific object types make up a directional structure. These object types can have relationships with other object types.

13.7.2 Assignment of Models to Layout Classes

Table 13–689 *Model*

Model	Class	Structurally Relevant/Central Objects (Priority)
Application system diagram	Hierarchy with crosslinks	Application system (1), IT function (1), Program module type (3), Program module type (2), Module (1)
Application system type diagram	Hierarchy with crosslinks	IT function type (2), IT function class (1), Application system class (1), Module class (1), Application system type (2), Module type (2),
Attribute allocation diagram	Central object type with priority	Attribute (2), Relation (1)
CD diagram	Pure hierarchy	Cost driver
EPC	Directed graph with associations	Process interface, Planned function, All links, Function, Operation, Planned system function, Shift, Actual system function, Event, Actual function
EPC (instance)	Directed graph with associations	All links (inst.), Event instance, Project guideline, Function instance
EPC (material flow)	Directed graph with associations	All links, Event, Process interface, Planned function, Operation, Actual system function, Planned system function, Actual function, Function
eERM	Non-directed graph (ERM)	Generalization, Cluster, Reint. relationship type, Relationship type, Entity type
eERM attribute allocation diagram	Central object type with priority	Attribute type group (5), Generalization (3), FK attribute (ERM) (4), K attribute (ERM) (4), D Attribute (ERM) (4), Reint. relationship type, Relationship type (2), Entity type (1)
Event diagram	Hierarchy with allocations	Event, All links
Technical terms model	Hierarchy with allocations	Technical term
Function/organizational level diagram	Central object type	Organizational level
Function tree	Pure hierarchy	Function
Function allocation diagram	Central object type	Object state, Function
Function allocation diagram (instance)	Central object type	Function instance
Structuring model	Pure hierarchy	Structural element
Graphical description	Directed graph with associations	Line of work, Impulse, Abort symbol, All links, Reflector
Industrial process	Directed graph with associations	Event, Function (manufacturing), Rule, Function (office), Object state
Classification diagram	Central object type	Object type class
Cost category diagram	Pure hierarchy	Cost category
Material diagram	Hierarchy with crosslinks	Material type (1), Packaging materials class (4), Materials class (3), Packaging material type (2)
Network diagram	Hierarchy with crosslinks	HW component (1), Network (4), Network connection (3), Network node (2)
Network topology	Hierarchy with crosslinks	Network connection type (5), Network node type (4), HW component type (2), HW component class(1), Network type (3)

Table 13–689 (Cont.) Model

Model	Class	Structurally Relevant/Central Objects (Priority)
Office process	Directed graph with associations	Function (office), Event, Function (manufacturing), Rule
OMT Class description model	Central object type	Class
OMT Dynamic model	Directed graph with associations	State, Initial state, Final state
OMT Object model	Hierarchy with allocations	Class
Organizational Chart	Hierarchy with crosslinks	System organizational unit type, System organizational unit, Location (5), Organizational unit type (1), Position (1), Organizational unit (1), System organizational unit type (7), System organizational unit (6), Position type, Cost center, Group (4)
PPC	Directed graph with associations	All links, Event instance, Function instance, Project guideline
Product tree	Pure hierarchy	Product
Process instantiation model	Directed graph with associations	Instantiation plan, Instantiation interval, Instantiation cycle
Privileges diagram	Central object type	Group, Person type, Organizational unit, Position, External person, Location, Organizational unit, Internal person
Relations diagram	Non-directed graph (ERM)	eERM domain, Relation, View
Shift calendar	Directed graph with associations	Shift plan, Shift cycle, Shift, Break, Operation
Table diagram	Non-directed graph (ERM)	View (physical), Field, Table
Technical resources	Hierarchy with crosslinks	Operating resource (9), Technical operating supply class (4), Transport systems class (3), Warehouse equipment class (2), Operating resource class (1), Technical operating supplies (12), Warehouse equipment (10), Operating resource type (5), Transport systems type (7), Technical operating supplies type (8), Warehouse equipment type (6), Transport system (11)
Knowledge structure diagram	Pure hierarchy	Documented knowledge, Knowledge category
Objective diagram	Hierarchy with crosslinks	Critical factor (2), Objective (1)

13.8 Implicit Relationships in Swimlane Models

In the following Swimlane models (models as column/row display) implicit relationships are generated automatically.

EPC (column/row display) - see page -

Input/Output diagram - see page -

UML Activity diagram - see page -

PCD - see page -

PCD (material flow) - see page -

13.8.1 Implicit Relationships - EPC (Column/Row Display)

The following objects can have the listed implicit relationships within this model:

Table 13–690 Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Organizational unit	is technically responsible for	Function
Position	is technically responsible for	Function
Person	is technically responsible for	Function
Group	is technically responsible for	Function
Employee variable	is technically responsible for	Function
Organizational unit	is technically responsible for	IT function type
Position	is technically responsible for	IT function type
Person	is technically responsible for	IT function type
Group	is technically responsible for	IT function type
Organizational unit	carries out	Function
Position	carries out	Function
Person	carries out	Function
Group	carries out	Function
Employee variable	carries out	Function
Application system	supports	Function
Organizational unit	is IT responsible for	Function
Position	is IT responsible for	Function
Person	is IT responsible for	Function
Group	is IT responsible for	Function
Employee variable	is IT responsible for	Function
Organizational unit type	carries out	Function
Person type	carries out	Function
Organizational unit type	is IT responsible for	Function
Person type	is IT responsible for	Function
Organizational unit	is technically responsible for	Application system type
Organizational unit	is technically responsible for	Application system class
Organizational unit	is technically responsible for	Module type
Organizational unit type	is technically responsible for	Application system type
Organizational unit type	is technically responsible for	Application system class
Organizational unit type	is technically responsible for	Function
Organizational unit type	is technically responsible for	Module type
Organizational unit type	is technically responsible for	Application system
Organizational unit type	is technically responsible for	Module
Organizational unit type	is technically responsible for	IT function type
Organizational unit type	is technically responsible for	IT function
Position	is technically responsible for	Application system type
Position	is technically responsible for	Application system class
Position	is technically responsible for	Module type
Person	is technically responsible for	Application system type
Person	is technically responsible for	Application system class
Person	is technically responsible for	Module type
Person type	is technically responsible for	Application system type

Table 13–690 (Cont.) Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Person type	is technically responsible for	Application system class
Person type	is technically responsible for	Function
Person type	is technically responsible for	Module type
Person type	is technically responsible for	Application system
Person type	is technically responsible for	Module
Person type	is technically responsible for	IT function type
Person type	is technically responsible for	IT function
Group	is technically responsible for	Application system type
Group	is technically responsible for	Application system class
Group	is technically responsible for	Module type
Application system type	can support	Function
Application system class	can support	Function
Organizational unit	decides on	Function
Position	decides on	Function
Person	decides on	Function
Group	decides on	Function
Employee variable	decides on	Function
Organizational unit	contributes to	Function
Position	contributes to	Function
Person	contributes to	Function
Group	contributes to	Function
Employee variable	contributes to	Function
Organizational unit	must inform about result of	Function
Position	must inform about result of	Function
Person	must inform about result of	Function
Group	must inform about result of	Function
Employee variable	must inform about result of	Function
Organizational unit	must be informed about	Function
Position	must be informed about	Function
Person	must be informed about	Function
Group	must be informed about	Function
Employee variable	must be informed about	Function
Organizational unit	must be informed on cancellation	Function
Position	must be informed on cancellation	Function
Person	must be informed on cancellation	Function
Group	must be informed on cancellation	Function
Person type	decides on	Function
Person type	contributes to	Function
Person type	must inform about result of	Function
Person type	must be informed about	Function

Table 13–690 (Cont.) Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Organizational unit type	carries out	Function
Person type	must be informed on cancellation	Function
Organizational unit	has consulting role in	Function
Position	has consulting role in	Function
Person	has consulting role in	Function
Employee variable	has consulting role in	Function
Organizational unit type	has consulting role in	Function
Person type	has consulting role in	Function
Group	has consulting role in	Function
Organizational unit	accepts	Function

13.8.2 Implicit Relationships of the Input/Output Diagram

The following objects can have the listed implicit relationships within this model:

Table 13–691 Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Function	generates output to	Information carrier
Cluster/Data model	is input for	Function
Entity:Type	is input for	Function
ERM attribute	is input for	Function
Function	has output of	Type:Entity
Function	has output of	Cluster/Data model
Function	has output of	Entity:Type
Function	has output of	ERM attribute
Information carrier	provides input for	Function

13.8.3 Implicit Relationships of the UML Activity Diagram

The following objects can have the listed implicit relationships within this model:

Table 13–692 Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Organizational unit	carries out	Function
Position	carries out	Function
Person	carries out	Function
Group	carries out	Function
Person type	carries out	Function

13.8.4 Implicit Relationships of the PCD

The following objects can have the listed implicit relationships within this model:

Table 13–693 Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Organizational unit	carries out	Function
Position	carries out	Function
Person	carries out	Function
Group	carries out	Function
Person type	carries out	Function

13.8.5 Implicit Relationships of the PCD (Material Flow)

The following objects can have the listed implicit relationships within this model:

Table 13–694 Source Object Type

Source Object Type	Implicit relationship	Target Object Type
Organizational unit	carries out	Function
Position	carries out	Function
Person	carries out	Function
Group	carries out	Function
Person type	carries out	Function

13.9 Model Types (ModelTypeNum)

Table 13–695 Model Name

Model Name	Model Description	Type Number
Access diagram	Access diagram	16/MT_ACS_DGM
Access diagram (physical)	Access diagram (physical)	17/MT_ACS_DGM_PHYS
Application system diagram	Application system diagram	38/MT_APPL_SYS_DGM
Application system type diagram	Application system type diagram	21/MT_APPL_SYS_TYPE_DGM
Application system type diagram (column display)	Application system type diagram (column display)	170/MT_APPL_SYS_TYPE_DGM_CLMNS
Attribute allocation diagram	Attribute allocation diagram	10/MT_ATTR_ALLOC_DGM
Authorization hierarchy	Authorization hierarchy	145/MT_AUTH_HIER
Authorization map	Authorization map	144/MT_AUTH_MAP
BPEL allocation diagram	BPEL allocation diagram	189/MT_BPEL_ALLOCATION_DIAGRAM
BPEL process	BPEL process	188/MT_BPEL_PROCESS
Business controls diagram	Business controls diagram	79/MT_BUSY_CONTR_DGM
Business process diagram (BPMN)	Business process diagram (BPMN)	178/MT_BPD_BPMN
Business segment matrix	Business segment matrix	177/MT_BUSINESS_SEGMENT_MATRIX
c3 method	c3 method	161/MT_C3METHOD
CD Diagram	Cost driver diagram	118/MT_CD_DGM
Class diagram	Class diagram	44/MT_CLS_DGM
Classification diagram	Classification diagram	36/MT_CLSFC_DGM
Communications diagram	Communications diagram	54/MT_COMM_DGM

Table 13–695 (Cont.) Model Name

Model Name	Model Description	Type Number
Competition model	Competition model	102/MT_COMP_FORCES
Cost category diagram	Cost category diagram	57/MT_COST_TYPE_DGM
DTD	Document type definition	160/MT_DTD
DW structure	Data Warehouse structure diagram	152/MT_DW_STRUC
DW transformation	Data Warehouse data transformation diagram	153/MT_DW_TRANS
E-Business scenario diagram	E-Business scenario diagram	147/MT_SCEN_DGM
eERM	Extended entity relationship model	6/MT_EERM
eERM attribute allocation diagram	eERM attribute allocation diagram	8/MT_EERM_ATTR_ALLOC_DGM
Enterprise architecture model	Enterprise architecture model	168/MT_ENTERPRISE_ARCHITECTURE_TREE
Enterprise architecture model (column display)	Enterprise architecture model (column display)	169/MT_ENTERPRISE_ARCHITECTURE_CLMNS
EPC	Event-driven process chain	13/MT_EEPC
EPC (column display)	Event-driven process chain as column display	134/MT_EEPC_COLUMN
EPC (horizontal table display)	EPC (horizontal table display)	173/MT_EEPC_TAB_HORIZONTAL
EPC (instance)	Event-driven process chain (instance)	65/MT_EEPC_INST
EPC (material flow)	Event-driven process chain with material flow	50/MT_EEPC_MAT
EPC (row display)	Event-driven process chain as row display	140/MT_EEPC_ROW
EPC (table display)	Event-driven process chain as table display	154/MT_EEPC_TAB
Event diagram	Event diagram	23/MT_EV_DGM
Function allocation diagram	Function allocation diagram	14/MT_FUNC_ALLOC_DGM
Function allocation diagram (instance)	Function allocation diagram (instance)	72/MT_FUNC_ALLOC_DGM_INST
Function tree	Function tree	19/MT_FUNC_TREE
Function/organizational level diagram	Function/organizational level diagram	25/MT_FUNC_ORG_LVL_DGM
IE Data model	Information engineering facility data model	42/MT_IEF_DATA_MDL
Industrial process	Industrial process	103/MT_IND_PROC
Information carrier diagram	Information carrier diagram	70/MT_INFO_CARR_DGM
Information flow diagram	Information flow diagram	15/MT_INFO_FLW_DGM
Input/Output diagram	Input/Output diagram	125/MT_IN_OUT_DGM
Input/Output diagram (inverse)	Input/Output diagram	155/MT_IN_OUT_DGM_2
IS activation model	IS activation model	187/MT_IS_ACTIVATION_MODEL
IS context model	IS context model	171/MT_IS_CONTEXT
Knowledge map	Knowledge map	127/MT_KNWLDG_MAP
Knowledge structure diagram	Knowledge structure diagram	126/MT_KNWLDG_STRCT_DGM
KPI allocation diagram	KPI allocation diagram	150/MT_KPI_ALLOC_DGM
Material diagram	Material diagram	49/MT_MAT_DGM
Material flow diagram	Material flow diagram	66/MT_MAT_FLW_DGM
Network diagram	Network diagram	5/MT_NW_DGM
Network topology	Network topology	3/MT_NW_TOPLG
Objective diagram	Objective diagram	37/MT_OBJ_DGM

Table 13–695 (Cont.) Model Name

Model Name	Model Description	Type Number
Office process	Office process	100/MT_OFFICE_PROC
OMT Class description model	Class description model	59/MT_CLS_DESC_MDL
OMT Data value decomposition	Data value decomposition	43/MT_DATA_VAL_DCOMP
OMT Dynamic model	Dynamic model	40/MT_DYN_MDL
OMT Functional model	Functional model	41/MT_FUNC_MDL
OMT Object model	Object model	39/MT_OBJ_MDL
Organizational chart	Organizational chart	1/MT_ORG_CHRT
PCD	Process chain diagram	18/MT_PRCS_CHN_DGM
PCD (material flow)	Process chain diagram with material flow	51/MT_PCD_MAT
PPC	Project process chain	67/MT_PPC
Privileges diagram	Privileges diagram	73/MT_WRKFLW_RGHT_MAN
Process instantiation model	Process instantiation model	112/MT_PRCS_INST
Process selection diagram	Process selection diagram	141/MT_PRCS_SLCT_DIA
Process selection matrix	Process selection matrix	28/MT_PRCS_SLCT_MTX
Product allocation diagram	Product allocation diagram	101/MT_PRDCT_ALLOC_DGM
Product selection matrix	Product selection matrix	99/MT_PRDCT_SLCT_MTX
Product tree	Product tree	98/MT_PRDCT_TREE
Product/Service exchange diagram	Product/Service exchange diagram	132/MT_PROD_SERV_EXCH_DGM
Product/Service exchange diagram (graphic)	Product/Service exchange diagram (graphic)	93/MT_PERF_MAP
Product/Service tree	Product/Service tree	131/MT_PERFORM_TREE
Product/Service tree (graphic)	Product/Service tree (graphic)	96/MT_PERF_TREE
Program flow chart	Program flow chart	55/MT_PRG_STRCT_CHRT
Program flow chart (PF)	Program flow chart (PF)	139/MT_PF
Quick model	Quick model	158/MT_CASUALMOD
RAD	Role assignment diagram	156/MT_RAD
RAMS	Requirements analysis for management systems	60/MT_REQU_ANALY_MAN_SYS
Relations diagram	Relations diagram	9/MT_REL_DGM
Risk diagram	Risk diagram	162/MT_RISK_DGM
Role diagram	Role diagram	146/MT_ROLE_DGM
Rule diagram	Rule diagram	24/MT_RULE_DGM
Screen design	Screen design	163/MT_SCREEN_DES
Screen diagram	Screen diagram	2/MT_SCRN_DGM
Screen navigation	Screen navigation	164/MT_SCREEN_NAV
SeDaM model	Semantic data model	47/MT_SEM_DATA_MDL
Shift calendar	Shift calendar	113/MT_SHIFT_CAL
Structuring model	Structuring model	133/MT_STRCT_DGM
System attribute domain	System attribute domain	46/MT_DOM_SYS_ATTR
System attributes	System attributes	45/MT_SYS_ATTR
Table diagram	Table diagram	11/MT_TBL_DGM
Technical resources	Technical resources	48/MT_TECH_RES
Technical terms model	Technical terms model	22/MT_TECH_TRM_MDL

Table 13–695 (Cont.) Model Name

Model Name	Model Description	Type Number
UML Activity diagram	Activity diagram (Unified Modeling Language)	124/MT_UML_ACTIVITY_DGM
UML Class description diagram	Class description diagram (Unified Modeling Language)	129/MT_UML_CLS_DESC_DGM
UML Class diagram	Class diagram (Unified Modeling Language)	104/MT_CLS_DGM_UML
UML Collaboration diagram	Collaboration diagram (Unified Modeling Language)	128/MT_UML_COLAB_DGM
UML Component diagram	Component diagram (Unified Modeling Language)	105/MT_CMPNT_DGM_UML
UML Deployment diagram	UML Deployment diagram	167/MT_DEPLOY_DIAGR
UML Sequence diagram	UML Sequence diagram	166/MT_SEQ_DIAGR
UML Statechart diagram	Statechart diagram (Unified Modeling Language)	130/MT_UML_STATE_CHRT_DGM
UML Use case diagram	Use case diagram (Unified Modeling Language)	106/MT_USE_CSE_DGM_UML
Value-added chain diagram	Value-added chain diagram	12/MT_VAL_ADD_CHN_DGM
Y diagram	Y diagram	30/MT_Y_DGM

13.10 Object Definitions (ObjTypeNum)

Table 13–696 Object Name

Object Name	Type Number
Action	284/OT_ACTION
Activity graph	287/OT_ACT_GRAPH
Actor	97/OT_ACTOR
Application system	64/OT_APPL_SYS
Application system class	7/OT_APPL_SYS_CLS
Application system type	6/OT_APPL_SYS_TYPE
Argument	285/OT_ARGUM
Artifact	289/OT_ARTIFACT
Association	87/OT_ASSOC
Association class	264/OT_ASSOC_CLS
Association instance	129/OT_ASSOC_INST
Association role	275/OT_ASSOC_ROLE
Attribute	8/OT_ATTR
Attribute link	277/OT_ATTR_LINK
Attribute type	252/OT_XML_ATTRTYPE
Attribute type group	111/OT_ATTR_TYPE_GRP
Authorization condition	242/OT_AUTH_CON
Bitmap	167/OT_BITM
Break	218/OT_BREAK
Business object	150/OT_BUSY_OBJ
Business rule	360/OT_BUSINESS_RULE
Business segment	302/OT_BUSINESS_SEGMENT

Table 13–696 (Cont.) Object Name

Object Name	Type Number
Button	263/OT_BUTTON
Class	90/OT_CLS
Classification criterion	33/OT_CLASSFC_CRIT
Classifier role	276/OT_CLS_ROLE
Classifier-in-state	283/OT_CLS_IN_STATE
Cluster instance	138/OT_CLST_INST
Cluster/Data model	14/OT_CLST
Collaboration	286/OT_COLLABORATION
Collaboration instance set	291/OT_COLLAB_INST_SET
Column	166/OT_COL
Combo box	259/OT_COMBOBOX
Communication	130/OT_COMM
Complex object	181/OT_CX_OBJ
Complex object type	182/OT_OBJ_CX
Component	188/OT_CMP
Component instance	290/OT_COMP_INST
Conditional section	248/OT_COND_SECT
Connector	102/OT_CONNECTOR
Constraint	88/OT_CNSTR
Contents	249/OT_XML_CONTENTS
Cost category	132/OT_COST_TYPE
Cost driver	226/OT_COST_DRIVER
COT attribute	179/OT_COT_ATTR
COT attribute (instance)	180/OT_COT_ATTR_INS
Critical factor	108/OT_CRIT_FACT
Data store	96/OT_DATA_STORE
Data value	98/OT_DATA_VAL
DBMS	69/OT_DBMS
DBMS type	15/OT_DBMS_TYPE
Distribution channel	269/OT_SALES_CHAN
Documented knowledge	231/OT_DOC_KNWLDG
Domain	16/OT_DOM
Domain (physical)	47/OT_DOM_PHYS
Draft list	30/OT_LST_DSGN
Employee variable	151/OT_EMPL_INST
Entity	139/OT_ENT
Entity type	17/OT_ENT_TYPE
Enumeration	175/OT_ENUM
Enumeration attribute type	253/OT_XML_ENUMTYPE
Enumeration literal	266/OT_ENUM_LIT
Enumeration occurrence	171/OT_COUNT_INST
ERM attribute	19/OT_ERM_ATTR

Table 13–696 (Cont.) Object Name

Object Name	Type Number
ERM attribute instance	142/OT_ERM_ATTR_INST
ERM domain	20/OT_ERM_DOM
Event	18/OT_EVT
Event instance	143/OT_EV_INST
Exception	281/OT_UML_EXCEPT
Extension point	265/OT_EXT_PT
Field	21/OT_FLD
Field (specimen)	74/OT_FLD_SPEC
Function	22/OT_FUNC
Function instance	137/OT_FUNC_INST
Functional cluster	294/OT_FUNC_CLUSTER
General resource	145/OT_GNRL_RES
Generalization type	23/OT_GNRL_TYPE
Graphical user interface type	9/OT_GRP_UI_TYPE
Group	128/OT_GRP
Hardware component	76/OT_HW_CMP
Hardware component class	25/OT_HW_CMP_CLS
Hardware component type	24/OT_HW_CMP_TYPE
Improvement potential	254/OT_C3_IMPROVE
Index	103/OT_IDX
Information carrier	27/OT_INFO_CARR
Information flow	26/OT_INFO_FLW
Instantiation cycle	213/OT_INST_CYC
Instantiation interval	212/OT_INSTAN_INTERVALL
Instantiation plan	214/OT_INST_PLAN
Interaction instance set	292/OT_INTERACT_INST_SET
IS function	293/OT_IS_FUNC
IS service	295/OT_IS_SERVICE
IT function	107/OT_DP_FUNC
IT function class	106/OT_DP_FUNC_CLS
IT function type	105/OT_DP_FUNC_TYPE
Item type	247/OT_ELEM_TYPE
Knowledge category	230/OT_KNWLDG_CAT
KPI instance	244/OT_KPI
Lane	304/OT_BPMN_LANE
Layout	170/OT_PREP
Link object	274/OT_LINK_OBJ
List	29/OT_LST
List control	262/OT_LISTCTRL
Location	54/OT_LOC
Loop start	241/OT_LOOP_START
Main process	28/OT_MAIN_PRCS

Table 13–696 (Cont.) Object Name

Object Name	Type Number
Marketing instrument	268/OT_MARKET_INST
Material class	124/OT_MAT_CLS
Material flow	83/OT_MAT_FLW
Material type	126/OT_MAT_TYPE
Measurement unit	176/OT_UNIT
Measurement unit number	185/OT_UNIT_NUM
Memory location	53/OT_MEM_LOC
Module	65/OT_MOD
Module class	38/OT_MOD_CLS
Module type	37/OT_MOD_TYPE
Need	267/OT_WANT
Network	85/OT_NW
Network class	42/OT_NW_CLS
Network connection	82/OT_NW_LINE
Network connection type	81/OT_NW_LINE_TYPE
Network node	79/OT_NW_NODE
Network node type	40/OT_NW_NODE_TYPE
Network type	39/OT_NW_TYPE
Note	186/OT_NOTE
Object instance	94/OT_OBJ_INST
Object type class	36/OT_OBJ_TYPE_CLS
Objective	86/OT_OBJECTIVE
Operating resource	120/OT_OP_RES
Operating resource class	112/OT_OP_RES_CLS
Operating resource type	116/OT_OP_RES_TYPE
Operating system	72/OT_OS
Operating system type	10/OT_OS_TYPE
Operation	93/OT_OP
Organizational chart	60/OT_ORG_CHRT
Organizational level	59/OT_ORG_LVL
Organizational unit	43/OT_ORG_UNIT
Organizational unit type	44/OT_ORG_UNIT_TYPE
Package	187/OT_PACK
Packaging material class	125/OT_PACK_MAT_CLS
Packaging material type	127/OT_PACK_MAT_TYPE
Page	164/OT_PAGE
Parameter	184/OT_PARA
Partition	288/OT_PARTITION
Partner	320/OT_BPEL_PARTNER
Partner link	322/OT_BPEL_PARTNER_LINK
Person	46/OT_PERS
Person type	78/OT_PERS_TYPE

Table 13–696 (Cont.) Object Name

Object Name	Type Number
Pool	303/OT_BPMN_POOL
Position	45/OT_POS
Process	95/OT_PRCS
Product/Service	153/OT_PERF
Product/Service characteristic	157/OT_PERF_CHARACT
Profile	300/OT_UML_PROFILE
Program library	68/OT_PRG_LIB
Program module	67/OT_PRG_MOD
Program module type	66/OT_PRG_MOD_TYPE
Programming language	70/OT_PRG_LNG
Protocol	104/OT_NW_PROT
Quick object	246/OT_CASUALOBJ
Radio button/Check box	258/OT_OPT_CTRL
Reception	282/OT_UML_RECEPT
Relation	51/OT_REL
Relationship	140/OT_RELSHIP
Relationship type	11/OT_RELSHIP_TYPE
Risk	159/OT_RISK
Risk category	256/OT_RISK_CATEGORY
Rule	50/OT_RULE
Rule instance	152/OT_RULE_INST
Screen	31/OT_SCRN
Screen design	32/OT_SCRN_DSGN
Screen table	183/OT_SCRN_TBL
Section	165/OT_SECT
Security protocol	245/OT_SECUREPROT
Separator	169/OT_SEPRT
Sequence	250/OT_XML_SEQUENCE
Shift	217/OT_SHIFT
Shift cycle	216/OT_SHIFT_CYC
Shift plan	215/OT_SHIFT_PLAN
Signal	280/OT_UML_SIGNAL
Socket	296/OT_SOCKET
Sp./gen. operator	89/OT_SP_GEN_OPR
Spin box	260/OT_SPINBOX
State	99/OT_STATE
State machine	279/OT_STATE_MACH
Stereotype	297/OT_STEREOTYPE
Structural element	232/OT_STRCT_ELMT
Subsystem	270/OT_SUBSYS
Subsystem instance	271/OT_SUBSYS_INST
System attribute	109/OT_SYS_ATTR

Table 13–696 (Cont.) Object Name

Object Name	Type Number
System attribute domain	110/OT_DOM_SYS_ATTR
System organizational unit	12/OT_SYS_ORG_UNIT
System organizational unit type	13/OT_SYS_ORG_UNIT_TYPE
Table	55/OT_TBL
Tables (specimen)	73/OT_TBL_SPEC
Tag definition	298/OT_TAG_DEF
Tagged value	299/OT_TAG_VALUE
Tech. operating supply class	115/OT_TECH_OP_SUPPLY_CLS
Technical operating supply	123/OT_TECH_OP_SUPPLY
Technical operating supply type	119/OT_TECH_OP_SUPPLY_TYPE
Technical term	58/OT_TECH_TRM
Technical terms instance	141/OT_TECH_TERM_INST
Test definition	321/OT_TEST_DEFINITION
Text	168/OT_TXT
Text box	257/OT_TEXTBOX
Tool	255/OT_C3_TOOL
Transaction folder	158/OT_TASK_FOLD
Transport system	122/OT_TRNSP_SYS
Transport system class	114/OT_TRNSP_SYS_CLS
Transport system type	118/OT_TRNSP_SYS_TYPE
Tree control	261/OT_TREECTRL
UML Model	272/OT_UML_MOD
Use case instance	273/OT_USECASE_INST
View	57/OT_VIEW
View (physical)	75/OT_VIEW_PHYS
Warehouse equipment	121/OT_WH_EQUIP
Warehouse equipment class	113/OT_WH_EQUIP_CLS
Warehouse equipment type	117/OT_WH_EQUIP_TYPE
Workflow pattern	361/OT_ORACLE_WORKFLOW_PATTERN
XOR	251/OT_XML_XOR

13.11 Connection Def. (CxnTypeNum)

Table 13–697 Active Name

Active Name	Passive Name	Type Number
accepts	is accepted by	435/CT_AGREES
accesses	is accessed by	281/CT_ACS_4
accesses	is accessed by	98/CT_ACS_1
accesses	is accessed by	102/CT_ACS_2
accesses	is accessed	491/CT_ACCESS
accesses	is accessed by	234/CT_CAN_ACS
accesses	has access by	138/CT_ACS_3

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
accesses alternatively	is accessed alternatively by	282/CT_ACS_ALT
activates	is activated by	43/CT_ACTIV_1
activates	is activated by	516/CT_AVTIV_4
activates	is activated by	308/CT_ACTIV_2
activates	is activated by	329/CT_ACTIV_3
affects	is affected by	629/CT_AFFECTS
aggregates	is aggregated	186/CT_AGGREG
archives	is archived by	225/CT_ARCH
associates	is associated	416/CT_ASSOCIA
associates (multiple)	is associated by (multiple)	456/CT_ASSOCIATES_MULTI
associates classifier role	is associated to	535/CT_ASSOC_CLSFIER
belongs to	belongs to	369/CT_BELONGS_TO_8
belongs to	encompasses	269/CT_BELONGS_TO_6
belongs to	is assigned to	120/CT_BELONGS_TO_4
belongs to	has assigned	253/CT_BELONGS_TO_5
belongs to	has	91/CT_BELONGS_TO_2
belongs to	encompasses	87/CT_BELONGS_TO_1
belongs to	has as employee	6/CT_WRK_IN
belongs to	groups	115/CT_BELONGS_TO_3
belongs to	belongs to	423/CT_BELONGS
belongs to business segment	encompasses	583/CT_BELONGS_TO_BUSINESS_SEGMENT
belongs to class	encompasses	212/CT_BELONGS_TO_CLS
binds	is bound by	528/CT_BINDS
calls	is called by	455/CT_CALLS_1
calls	is called by	426/CT_CALLS
can be	can be	286/CT_CAN_BE
can be assigned to	can be assigned to	166/CT_CAN_BE_ASSIG
can be connected to	can be connected to	163/CT_CAN_BE_LNK_TO
can be connected to	can be connected to	160/CT_CAN_BE_CNN_TO_3
can be connected to	can be connected to	26/CT_CAN_BE_CNN_TO_1
can be connected to	can be connected to	162/CT_CAN_BE_CNN_TO_4
can be connected to	can be connected to	156/CT_CAN_BE_CNN_TO_2
can be constituent	can have as constituent	195/CT_CAN_BE_CONST
can be disciplinary superior	can have disciplinary superior	197/CT_CAN_BE_DISC_SUP
can be located at	can be location of	165/CT_CAN_BE_LOC_AT
can be platform of	can run under	241/CT_CAN_BE_PLTFRM_OF
can be realized by	can realize	159/CT_CAN_BE_REAL_BY
can be responsible for	can be under responsibility of	217/CT_CAN_BE_RESP_FOR
can be technical superior	can have technical superior	196/CT_CAN_BE_TECH_SUP
can be user	can be used by	230/CT_CAN_BE_USER
can belong to	can have as employee	209/CT_CAN_BELONG_TO
can consist (hor.) of part of connection	can encompass part of connection	213/CT_CAN_CONS_HOR_OF

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
can consist (vert.) of section	can encompass section	214/CT_CAN_CONS_VER_OF
can create	can be created by	267/CT_CAN_CRT
can encompass	can belong to	25/CT_CAN_SUBS_1
can encompass	can belong to	161/CT_CAN_SUBS_3
can encompass	can belong to	249/CT_CAN_SUBS_4
can end in	can be end point of	157/CT_CAN_END_IN
can occur	can encompass	27/CT_CAN_OCC_1
can occur	can encompass	215/CT_CAN_OCC_2
can realize	can be realized at	135/CT_CAN_REAL
can replace	can be replaced by	411/CT_CAN_REPLACE
can run on	can be platform for	158/CT_CAN_RUN_ON
can run under	can be platform of	242/CT_CAN_EXEC_ON
can support	can be supported by	238/CT_CAN_SUPP_2
can use	can be used by	243/CT_CAN_USE_2
can use	can be used by	125/CT_CAN_USE_1
carries out	is carried out by	218/CT_EXEC_2
carries out	is carried out by	65/CT_EXEC_1
catches	is caught by	597/CT_BPEL_CATCHES
catches all	all are caught by	608/CT_BPEL_CATCH_ALL
changes	is changed by	224/CT_CHNG
classified by	is criterion of	114/CT_CLSF_BY
classifies	is classified	284/CT_CLSF
communicates with	communicates with	427/CT_COMM_WITH
compensates	is compensated by	611/CT_BPEL_COMPENSATES
concerns	is concerned by	192/CT_CONC
consists (hor.) of part of connection	encompasses part of connection	171/CT_CONS_OF_PRT_STR
consists (vert.) of section	encompasses section	172/CT_CONS_OF_PRT_SEC
consists of	is component of	30/CT_CONS_OF_1
consists of	is part of	85/CT_CONS_OF_2
constrains	is constrained	204/CT_CNSTR
contains	belongs to	431/CT_BELONG_CAT
contains	is contents of	461/CT_CONTAINS_2
contains	is part of	594/CT_BPEL_CONTAINS
contains	is contained by	421/CT_CONTAINS
contains	is contained in	439/CT_CONTAINS_1
contributes to	is worked on by collaboration of	324/CT_CONTR_TO_2
contributes to	is worked on by collaboration of	233/CT_CONTR_TO_1
cooperates with	cooperates with	296/CT_COLLAB_WITH
correlates with	correlates with	607/CT_BPEL_CORRELATES
corresponds to	corresponds to	391/CT_CORRES
creates	is created by	330/CT_CRT_6
creates	is created by	454/CT_CREATES

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
creates	is created by	226/CT_CRT_5
creates	is created by	57/CT_CRT_2
creates	is created by	66/CT_CRT_3
creates	is created by	44/CT_CRT_1
creates	is created by	69/CT_CRT_4
creates output to	is output medium for	28/CT_CRT_OUT_TO
decides on	is decided by	232/CT_DECID_ON
decides on	is decided by	323/CT_DECD_ON
defers	is deferred	550/CT_DEFERS
defines	is defined by	612/CT_DEF_1
defines	is defined by	593/CT_BPEL_DEFINES
defines	is defined by	103/CT_DEF
defines (aggregating)	is aggregating	105/CT_DEF_AGGR
defines (hierarchical)	is depending hierarchically	106/CT_DEF_HIER
defines an association	is defined by	189/CT_DEF_AN_ASSOC
defines compensation	compensation is defined by	596/CT_BPEL_DEFINES_COMPENSATION
defines screen field	has screen field	295/CT_DEF_MASK_ENTR
defines status	is defined	273/CT_DEF_STATE
deletes	is deleted by	227/CT_DEL
depends	is depending	425/CT_DEPENDS
depicts	is depicted by	84/CT_DEPICTS_1
depicts	is depicted by	113/CT_DEPICTS_2
deploys	is deployed	555/CT_DEPLOY
describes	is described by	688/CT_DESCRIBES
designs	is designed by	372/CT_IS_REPR_BY_2
determines volume of	volume is dependent on	448/CT_DETERM_AMOUN
differentiates according to value of	is characteristic for	268/CT_DIFF
disposes of	is available at	452/CT_IS_AVAILABLE
distributes	is distributed by	228/CT_DISTR
encompasses	belongs to	155/CT_CAN_SUBS_2
encompasses	belongs to	449/CT_INCLUDES
encompasses	is part of	112/CT_SUBS_2
encompasses	is located at	150/CT_SUBS_3
encompasses	belongs to	239/CT_SUBS_5
encompasses	belongs to	67/CT_SUBS_1
encompasses	belongs to	174/CT_SUBS_4
ends in	is end of	170/CT_END_IN
extend	is extended	489/CT_EXTEND
forms an incoming reference with	has reference to	107/CT_HAS_REL_REF
from	to	599/CT_BPEL_FROM
generalizes	specializes	415/CT_GENERAL
has	belongs to	96/CT_HAS_1

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
has	is assigned to	121/CT_HAS_2
has action	is action of	557/CT_HAS_ACTION
has activation bar	is activation bar of	569/CT_HAS_ACTIVATION_BAR
has activator	is activator of	558/CT_HAS_ACTIVATOR
has any number of times	may occur	497/CT_MAY_OCCUR
has argument	is argument of	534/CT_HAS_ARGU
has assigned	is assigned to	328/CT_HAS_ASSIG_1
has at least once	must occur at least once	498/CT_REQ_AT_LEAST_1
has at most once	may occur at most once	499/CT_OPT_MAX_1
has attribute	is attribute of	187/CT_HAS_ATTR
has base	is base of	529/CT_HAS_BASE
has behavior	is behavior of	544/CT_HAS_BEHAV
has carried out	was carried out by	384/CT_HAS_EXEC
has case	is case of	603/CT_BPEL_CASE
has consulting role in	is supported by consulting role of	355/CT_HAS_CONSLT_ROLE_IN_1
has consulting role in	is supported by consulting role of	358/CT_HAS_CONSLT_ROLE_IN_2
has current location	is current location of	303/CT_HAS_CUR_LOC
has default element	is default element of	553/CT_HAS_DEF_ELEM
has domain	is domain for	263/CT_HAS_DOM
has effect	is effect of	549/CT_HAS_EFFECT
has enumeration literal	is enumeration literal of	513/CT_HAS_ENUM_LIT
has exactly once	must occur exactly once	500/CT_EXACTLY_1
has extension point	is extension point of	512/CT_HAS_EXT_PT
has flow to	receives flow from	526/CT_HAS_FLOW_TO
has guard	is guard of	539/CT_HAS_GUARD
has input	is input for	604/CT_BPEL_IS_INPUT
has instance	is instance	419/CT_HAS_INSTANCE
has internal transition to	is internal transition of	551/CT_HAS_INTERN_TRANS
has link	is link of	562/CT_HAS_LINK
has link to	has link to	83/CT_HAS_LINK_TO
has mandatory field	is mandatory field	130/CT_HAS_MAND_FIELD
has member	is member of	420/CT_HAS_MEMBER
has member	is member of	293/CT_HAS_MEMB
has method	is method for	251/CT_HAS_METH
has operation	is operation of	188/CT_HAS_OPR
has output	is output of	605/CT_BPEL_HAS_OUTPUT
has output of	is output of	50/CT_HAS_OUT
has parameter	is parameter of	510/CT_HAS_PARA
has participating instance	participates	564/CT_HAS_PART_INST
has participating stimulus	participates	565/CT_HAS_PART_STIMU
has partition	is partition of	552/CT_HAS_PARTITION
has powertype	is powertype of	531/CT_HAS_PTYPE

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
has predecessor	is predecessor of	559/CT_HAS_PREDECESSOR
has product/service characteristic	is product/service characteristic of	340/CT_HAS_PERF_CHARAC
has qualifier	is qualifier of	515/CT_IS_QUALI
has reference enumeration	is reference enumeration of	653/CT_HAS_REFERENCE_ENUMERATION
has reference to	has reference to	294/CT_HAS_REF_TO
has reference value	is reference value of	581/CT_HAS_REFERENCE_VALUE
has relation with	has relation with	504/CT_IS_IN_RELSHP_TO_1
has relation with	has relation with	111/CT_IS_IN_RELSHP_TO
has relationship to	has relationship to	194/CT_HAS_REL_WITH
has slot	is slot of	530/CT_HAS_SLOT
has specification	is specification of	518/CT_HAS_SPEC
has state	is state of	75/CT_HAS_STATE
has stereotype	is stereotype of	576/CT_HAS_STEREOTYPE
has submachine	is submachine of	538/CT_HAS_SUBMACH
has subordinate event	is subordinate event of	46/CT_HAS_SUBO_EV
has subordinate rule	is subordinate rule of	45/CT_HAS_SUBO_RULE
has subprocess	is subprocess of	208/CT_HAS_SUBPRCS
has tag definition	is tag definition of	577/CT_HAS_TAG_DEF
has tagged value	is tagged value of	578/CT_HAS_TAG_VAL
has template parameter	is template parameter of	527/CT_HAS_TMPL_PARA
has top state	is top state of	540/CT_HAS_TOPSTATE
has transition to	has transition from	198/CT_HAS_TRANS_TO
has transition to	has transition from	459/CT_HAS_TANSITION
has type	is type of	508/CT_IS_TYPE_OF
has value	is value of	373/CT_IS_VALUE
has value	is value of	533/CT_HAS_VALUE
implements	is implemented by	56/CT_REAL
imports	is imported	490/CT_IMPORT
include	is included	488/CT_INCLUDE
influences	is influenced by	571/CT_INFLUENCES
influences	is influenced by	380/CT_HAS_RESULT
instantiate	is instantiated by	445/CT_IS_INSTANCIATE
interacts with	has interaction from	460/CT_INTERACTS_WITH
is	is	414/CT_IS
is a	is a	283/CT_IS_A
is a functional generic term of	is a functional subterm of	406/CT_FUNC_HEADLINE
is also known as	is also known as	610/CT_BPEL_ALIAS
is alternative operating resource of	has alternative operating resource	278/CT_IS_ALT_PROD_FAC_OF
is approved by	approves	222/CT_IS_GRANT_BY
is assigned 1:1	is assigned 1:1	101/CT_IS_1_1_ASSIG
is assigned 1:n	is assigned n:1	42/CT_IS_1_N_ASSIG
is assigned n:m	is assigned m:n	51/CT_IS_N_M_ASSIG

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
is assigned to	is assigned to	17/CT_IS_ASSIG_1
is assigned to	is assigned to	93/CT_IS_ASSIG_5
is assigned to	has assigned	252/CT_IS_ASSIG_6
is assigned to	is assigned to	52/CT_IS_ASSIG_3
is attribute type group	has attribute type group	270/CT_IS_ATTR_TYPE_GRP
is basis for	has basis	520/CT_BASIS_FOR
is carried out at	is controlled by	628/CT_IS_PERFORMED_AT
is carried out at	is performed in	258/CT_IS_EXEC_AT
is checked by	checks	223/CT_IS_CHCKD_BY
is compared to	is compared to	322/CT_IS_CMP_TO
is composed by	composes	409/CT_IS_COMPOSED
is composed of	is a component of	7/CT_IS_CRT_BY
is composed of	is part of	201/CT_IS_COMPOSED_OF
is connected to	is connected to	560/CT_IS_CONNECTED
is connected to	is connected to	175/CT_IS_CNN_TO_2
is connected to	is connected to	18/CT_IS_CNN_TO_1
is consumed	consumes	274/CT_IS_CONS_BY
is consumed by	consumes	443/CT_IS_USED_BY_1
is created with help from	helps with the creation of	464/CT_HELPS_TO_SET_WITH
is critical factor for	has critical factor	256/CT_IS_CRIT_FACT_FOR
is defined	can be processed by /with	327/CT_IS_DEF_2
is defined	can be processed by /with	305/CT_IS_DEF_1
is defined by	defines	265/CT_IS_DEF_BY_2
is defined by	defines	246/CT_IS_DEF_BY_1
is demanded by	demands	519/CT_DEMANDED_BY
is deputy process manager	is as process under representative responsibility of	506/CT_IS_SUBST_PRCS_RSPN
is described by	is describing for	396/CT_IS_DSCR
is describing for	has describing	261/CT_IS_DESC_FOR_2
is describing for	is described by	78/CT_IS_DESC_FOR_1
is different from	is different from	359/CT_IS_DIFF
is disciplinary superior to	has the disciplinary superior	9/CT_IS_DISC_SUPER
is discriminator of	is discriminated by	190/CT_IS_DISC_OF
is dispatched by	dispatches	561/CT_IS_DISPATCHED
is divided into	divides	370/CT_IS_STRCR_IN
is documented in	documents	450/CT_IS_DOCU_IN
is employee variable	has employee variable	320/CT_IS_EMPL_INST
is evaluated by	evaluates	331/CT_IS_EVAL_BY_2
is evaluated by	evaluates	48/CT_IS_EVAL_BY_1
is execution-oriented superior	is execution-oriented subordinate	40/CT_IS_EXEC_ORNT_SUPER
is exposed to	is associated with	361/CT_IS_EXPOS_TO
is feature of	has feature	285/CT_IS_FEAT_OF
is foreign key for	has foreign key	260/CT_IS_FRGN_KEY_FOR_2

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
is foreign key for	has foreign key	79/CT_IS_FRGN_KEY_FOR_1
is generalization of	is specialization of	479/CT_GENERAL_2
is generic term of	is subterm of	403/CT_IS_GENERIC_TERM
is implemented by	implements	366/CT_IS_IMPL_BY
is implemented by	implements	244/CT_IS_REAL_BY
is in conflict with	is in conflict with	481/CT_CONFLICTS
is in state	has been put in state	543/CT_IS_IN_STATE
is influenced by	has influence on	487/CT_HAS_INFL
is input for	has input of	49/CT_IS_INP_FOR
is instance of	has instance	193/CT_IS_INST_OF_1
is interrupted by	interrupts	440/CT_IS_INTERRUPTED_BY
is IT responsible for	is under IT responsibility of	148/CT_IS_DP_RESP_1
is IT responsible for	is under IT responsibility of	219/CT_IS_DP_RESP_2
is linked to	is linked to	313/CT_IS_LNK_TO
is linked with	is linked with	424/CT_IS_LINKED
is located at	is location of	167/CT_IS_LOC_AT_3
is located at	is location of	14/CT_IS_LOC_AT_2
is located at	is location of	12/CT_IS_LOC_AT_1
is managed by	manages	317/CT_IS_MAN_BY
is managed by	manages	292/CT_MAN
is managed with	manages	451/CT_IS_ADMIN_WITH
is mandatory field for	has mandatory field	262/CT_IS_MANDAT_FIELD_FOR
is measured by	measures	486/CT_MEASURED_BY
is measured upon occurrence	triggers measuring	574/CT_IS_MEASURED_WHEN_OCCURRING
is monitored by	monitors	627/CT_IS_MONITORED_BY
is nested	nest	418/CT_IS_NESTED
is not consumed	does not consume	276/CT_IS_NOT_CONS_BY
is object-oriented superior	is object-oriented subordinate	41/CT_IS_OBJ_ORNT_SUPER
is of type	determines type of	169/CT_IS_OF_TYPE_3
is of type	determines type of	61/CT_IS_OF_TYPE_2
is of type	determines type of	4/CT_IS_OF_TYPE_1
is offered via	offers	523/CT_IS_OFFERED
is operating resource of	has operating resource	277/CT_IS_PROD_FAC_OF
is order basis for	has order basis	413/CT_IS_ORDER
is organization manager for	is under organizational responsibility of	395/CT_IS_ORG_RSPN
is oriented at	is oriented at	374/CT_ORIENT
is owned by	owns	525/CT_IS_OWNED_BY
is owner of	has owner	271/CT_IS_OWN
is part of	has part	404/CT_IS_PART_OF
is partly consumed	partly consumes	275/CT_IS_PARTLY_CONS_BY
is platform of	runs under	70/CT_IS_PLTFRM_OF
is position of	has position	178/CT_IS_JOB_OF

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
is predecessor of	follows	118/CT_IS_PREDEC_OF_1
is predecessor of	is successor of	314/CT_IS_PREDEC_OF_2
is predecessor of	is successor of	152/CT_IS_PRED_OF
is prevented by	prevents	365/CT_IS_PREV_BY
is primary key for	has primary key	259/CT_IS_PRIM_KEY_FOR_2
is primary key for	has primary key	80/CT_IS_PRIM_KEY_FOR_1
is process manager for	is under process responsibility of	394/CT_IS_PRCS_RSPN
is process-oriented superior	is process-oriented subordinate	39/CT_IS_PRCS_ORNT_SUPER
is programming language of	is developed with	240/CT_IS_PRG_LNG
is received from	is a receiver of	465/CT_IS_RECEIVED_BY
is received from	receives	408/CT_IS_RECEIVED
is reduced by	mitigates	363/CT_IS_REDU_BY
is reported by	is reported by	364/CT_IS_REPO_BY
is represented by	represents	73/CT_IS_REPR_BY
is represented in	represents	389/CT_IS_REPRESEN
is required for	requires	630/CT_IS_NEEDED_BY_1
is required for	requires	453/CT_IS_NEEDED_BY
is responsible for	is under responsibility of	33/CT_IS_RESP_FOR_1
is responsible for	is assigned to	211/CT_IS_RESP_2
is responsible for	is under responsibility of	168/CT_IS_RESP_1
is responsible for	is under responsibility of	122/CT_IS_RESP_FOR_2
is responsible for development of	development is under responsibility of	179/CT_IS_RESP_FOR_DEV_1
is responsible for development of	development is under responsibility of	231/CT_IS_RESP_FOR_DEV_2
is specimen of	has specimen	287/CT_IS_SPEC_OF
is specimen owner of	has specimen owner	272/CT_IS_SPEC_OWN
is stored on	stores	173/CT_STOR_ON
is substate	has substate	200/CT_IS_SUBST
is subtype of	has as subtype	76/CT_IS_SUB_OF_1
is subtype of	has subtype	184/CT_IS_SUB_OF_2
is superior	is subordinate	257/CT_IS_SUPERIOR_2
is superior	is subordinate	3/CT_IS_SUPERIOR_1
is supertype of	has as supertype	77/CT_IS_SUPER_OF_1
is supertype of	has supertype	185/CT_IS_SUPER_OF_2
is technical superior to	has the technical superior	8/CT_IS_TECH_SUPER
is technically responsible for	is under technical responsibility of	220/CT_IS_TECH_RESP_3
is technically responsible for	is under technical responsibility of	11/CT_IS_TECH_RESP_2
is technically responsible for	is under technical responsibility of	10/CT_IS_TECH_RESP_1
is triggered by	triggers	537/CT_IS_TRIGG_BY
is under financial responsibility of	is financially responsible for	463/CT_IS_FINANC_RESPON
is under responsibility of	is responsible for	100/CT_IS_UNDER_RESP_OF
is under technical responsibility of	is technically responsible for	462/CT_IS_TECH_RESPON
is used as	uses	679/CT_IS_USED_AS

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
is used by	uses	400/CT_IS_USED_OF
is used by	uses	441/CT_IS_USED_BY
is used for	uses	522/CT_IS_USED_FOR
is used in	uses	216/CT_IS_USED_IN
is user	has user	149/CT_IS_USER_1
is user	is used by	229/CT_IS_USER_2
is user interface	runs under	254/CT_IS_UI
is workflow class of	is workflow class of (passive)	472/CT_IS_WFCLASS_OF
leads to	is assigned to	116/CT_LEADS_TO_1
leads to	is assigned to	333/CT_LEADS_TO_3
leads to	is dependent on	117/CT_LEADS_TO_2
leads to	is assigned to	517/CT_LEADS_TO_5
leads to	is dependent on	334/CT_LEADS_TO_4
lies on	has information about	86/CT_LIES_ON
links	is linked to	47/CT_LNK_1
links	is linked by	315/CT_LNK_3
links	is linked by	54/CT_LNK_2
links	is linked by	332/CT_LNK_4
links	is linked with	602/CT_BPEL_LINKS
links port type	is linked with port type	609/CT_BPEL_LINKS_PTYPE
may access	can be accessed by	351/CT_MUST_NOT_ACS
may carry out	may be carried out by	401/CT_CAN_EXEC
may change privileges	may change privileges (passive)	474/CT_MAY_CHG_PRIVIL
may instantiate	can be instantiated by	350/CT_IS_ALLOW_TO_ASSIG_INST
may not carry out	may not be carried out by	402/CT_CANNOT_EXEC
may search	may search (passive)	473/CT_MAY_SEARCH
message flow	incoming message flow	689/CT_BPMN_MESSAGE_FLOW
must be informed about	result is forwarded to	266/CT_MUST_BE_INFO_AB_1
must be informed about	result is forwarded to	326/CT_MUST_BE_INFO_AB_2
must be informed on cancellation	sends information on cancellation to	352/CT_MUST_BE_INFO_ON_CNC_2
must be informed on cancellation	sends information on cancellation to	316/CT_MUST_BE_INFO_ON_CNC_1
must inform about result of	result is forwarded by	255/CT_MUST_INFO_AB_RES
must inform about result of	result is forwarded by	325/CT_MUST_INFO_AB_RES_OF
must not occur for	has condition (false)	128/CT_MUST_NOT_OCC_WH_1
must occur for	has condition (true)	127/CT_MUST_OCC_FOR
occupies	is occupied by	210/CT_OCCUPIES
occurs at	has	507/CT_OCCUR
occurs before	occurs after	477/CT_SUCCEED
originates from	is origin of	532/CT_ORIG
owns	is part of	95/CT_OWNS
performs	is performed by	480/CT_EXEC_5
performs	is performed by	598/CT_BPEL_PERFORMS

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
performs on entry	is performed on entry	546/CT_PERF_ENTRY
performs on exit	is performed on exit	547/CT_PERF_EXIT
performs while in state	is performed while in state	548/CT_PERF_STATE
permits access	access is permitted by	536/CT_PERM_ACCESS
produces	is produced by	442/CT_PROCUCES
propagates	is propagated	264/CT_PROPG_2
propagates	is propagated by	191/CT_PROPG_1
provides	is provided by	575/CT_DELIVERS_1
provides	is provided by	399/CT_PROVIDES
provides input for	gets input from	53/CT_PROV_INP_FOR
provides input for	receives input from	582/CT_PROV_INP_FOR_1
provides value for	uses value of	319/CT_PROV_VAL_FOR
raises	is raised by	542/CT_RAISES
reads	is read by	247/CT_READ_1
reads	reads	248/CT_READ_2
realizes	is realized by	458/CT_REALIZES
receives signal	sends signal	541/CT_RECEIVES
references	is referenced by	422/CT_REF
refers to	is referred by	514/CT_REFS_TO
refines	is refined by	511/CT_REFINES
relates to	relates to (passive)	476/CT_RELATES_TO
relates to	has	177/CT_REL_TO
repeats	is repeated by	438/CT_REPEATS
represents	is represented in	371/CT_REPR
requires	is required by	279/CT_REQU
requires	is required by	362/CT_REQ
requires alternatively	is required alternatively	280/CT_REQU_ALT
resides in	contains	554/CT_RESIDES
runs with	is platform for	503/CT_RUNS_ON
satisfies	is satisfied by	521/CT_SUPPLY
secures	is secured by	496/CT_SECURE
sends	is sent from	407/CT_SENDS_2
sends	receives	205/CT_SENDS
sends message	receives message	556/CT_SENDS_MESSAGE
sends signal	has been sent	545/CT_SENDS_SIG
splits to	is split by	410/CT_SPLITS
starts with	is first activity of	601/CT_BPEL_STARTS_WITH
stores	is stored on	126/CT_STOR
substitutes for	is substituted by	318/CT_SUBST
supplies properties for	has properties supplied by	457/CT_SUPPL_PROP
supports	is supported by using	145/CT_SUPP_1
supports	is supported by using	146/CT_SUPP_2

Table 13–697 (Cont.) Active Name

Active Name	Passive Name	Type Number
supports	is supported	417/CT_SUPPORTS
supports	is supported by	221/CT_CAN_SUPP_1
supports	is supported by	147/CT_SUPP_3
supports when time limit is exceeded	supports when time limit is exceeded (passive)	475/CT_SUPP_TIME_LIMIT_EXCEED
Synonym (preferred term of)	Synonym (not a preferred term of)	405/CT_SYNONYM
throws	is thrown by	606/CT_BPEL_THROWS
to	from	600/CT_BPEL_TO
transmits data to	receives data from	502/CT_SENDS_3
uses	is used by	137/CT_USE_3
uses	is used by	595/CT_BPEL_USES
uses	is used	478/CT_USES_2
uses	is used by	360/CT_USE_5
uses	is used by	124/CT_USE_2
uses	is used by	60/CT_USE_1
uses	is used by	397/CT_USES

13.12 Object symbols (SymbolNum)

Table 13–698 Symbol Name

Symbol Name	Symbol No.	Object Type Number
#PCDATA	672	249/ST_XML_PCDATA
Abstract activity	1169	22/ST_ORACLE_BPEL_ABSTRACT_ACTIVITY
Action	801	284/ST_ACTION
Activity	456	22/ST_ACTIVITY
Activity graph	803	287/ST_ACT_GRAPH
Actor	172	97/ST_ACTOR
Actor	399	78/ST_ACTOR2
Actor (group)	684	128/ST_ACTOR6
Actor (organizational unit)	685	43/ST_ACTOR7
Actor (person)	682	46/ST_ACTOR4
Actor (position)	683	45/ST_ACTOR5
Actor (tech.)	681	6/ST_ACTOR3
Airplane	364	118/ST_PLANE_PIC
AND operator (inst.)	253	152/ST_OPR_AND_INST
AND rule	526	50/ST_AND
AND rule	42	50/ST_OPR_AND_1
AND/OR operator (inst.)	259	152/ST_OPR_AND_OR_INST
AND/OR rule	133	50/ST_AND_OR
AND/XOR operator (inst.)	261	152/ST_OPR_AND_XOR_INST
AND/XOR rule	136	50/ST_AND_XOR
ANY	674	249/ST_XML_ANY
Application system	669	64/ST_APPL_SYS_PIC

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Application system	629	64/ST_APPL_SYS_1
Application system	107	64/ST_APPL_SYS
Application system class	14	7/ST_APPL_SYS_CLS
Application system type	33	6/ST_APPL_SYS_TYPE
Argument	802	285/ST_ARGUM
ARIS diagram	248	27/ST_ARIS_DGM
Artifact	955	27/ST_BPMN_ARTIFACT
Artifact	797	289/ST_ARTIFACT
Assign	1030	22/ST_BPEL_ASSIGN
Association	146	87/ST_ASSOC
Association class	761	264/ST_ASSOC_CLS
Association instance	210	129/ST_ASSOC_INST
Association role	786	275/ST_ASS_ROLE
Attribute	155	19/ST_ATTR_3
Attribute	21	8/ST_ATTR_1
Attribute link	788	277/ST_ATTR_LINK
Attribute type	677	252/ST_XML_ATTRTYPE
Attribute type group	206	111/ST_ATTR_TYPE_GRP
Authorization condition	533	242/ST_AUTH_COND
Automated activity	1165	22/ST_ORACLE_EPC_AUTOMATED_ACTIVITY
Bar code	48	27/ST_BARCODE
Bitmap	290	167/ST_BITM
Book	723	27/ST_INFO_CARR_BOOK
Book	345	27/ST_BOOK_PIC
Branch	513	50/ST_BRANCH
Break	426	218/ST_BREAK
Building cluster	813	294/ST_IS_FUNC_BUILD_CLUSTER
Business component	537	6/ST_BUS_COM
Business document	535	14/ST_BUS_DOC
Business entity (Application system class)	875	7/ST_BUSINESS_ENTITY_APPL_SYS_CLASS
Business entity (Application system type)	877	6/ST_BUSINESS_ENTITY_APPL_SYS_TYPE
Business entity (Application system)	880	64/ST_BUSINESS_ENTITY_APPL_SYS
Business entity (Business object)	943	150/ST_BUSINESS_ENTITY_BUSINESS_OBJECT
Business entity (Class)	883	90/ST_BUSINESS_ENTITY_CLASS
Business entity (Cluster/Data model)	874	14/ST_BUSINESS_ENTITY_CLUSTER
Business entity (Complex object type)	945	182/ST_BUSINESS_ENTITY_COT
Business entity (Component)	888	188/ST_BUSINESS_ENTITY_COMP
Business entity (COT attribute)	946	179/ST_BUSINESS_ENTITY_COT_ATTR
Business entity (Entity type)	872	17/ST_BUSINESS_ENTITY_ETYPE
Business entity (ERM attribute)	944	19/ST_BUSINESS_ENTITY_ERM_ATTR
Business entity (Function)	869	22/ST_BUSINESS_ENTITY_FUNC
Business entity (Group)	887	128/ST_BUSINESS_ENTITY_GROUP

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Business entity (Information carrier)	947	27/ST_BUSINESS_ENTITY_INFO_CARRIER
Business entity (IT function class)	885	106/ST_BUSINESS_ENTITY_IT_FUNC_CLASS
Business entity (IT function type)	884	105/ST_BUSINESS_ENTITY_IT_FUNC_TYPE
Business entity (IT function)	886	107/ST_BUSINESS_ENTITY_IT_FUNC
Business entity (Location)	949	54/ST_BUSINESS_ENTITY_LOCATION
Business entity (Module class)	876	38/ST_BUSINESS_ENTITY_MODULE_CLASS
Business entity (Module type)	878	37/ST_BUSINESS_ENTITY_MODULE_TYPE
Business entity (Module)	881	65/ST_BUSINESS_ENTITY_MODULE
Business entity (Organizational unit type)	871	44/ST_BUSINESS_ENTITY_ORGUNITTYPE
Business entity (Organizational unit)	870	43/ST_BUSINESS_ENTITY_ORGUNIT
Business entity (Package)	889	187/ST_BUSINESS_ENTITY_PACKAGE
Business entity (Person type)	890	78/ST_BUSINESS_ENTITY_PERS_TYPE
Business entity (Person)	948	46/ST_BUSINESS_ENTITY_PERS
Business entity (Position)	882	45/ST_BUSINESS_ENTITY_POSITION
Business entity (Relationship type)	873	11/ST_BUSINESS_ENTITY_RELSHIP_TYPE
Business entity (System organizational unit type)	951	13/ST_BUSINESS_ENTITY_SYS_ORG_UNIT_TYPE
Business entity (System organizational unit)	950	12/ST_BUSINESS_ENTITY_SYS_ORG_UNIT
Business entity (Technical term)	879	58/ST_BUSINESS_ENTITY_TECH_TERM
Business object	250	150/ST_BUSY_OBJ
Business participant	534	44/ST_BUS_PART
Business process	538	22/ST_BUS_PROC
Business rule	1167	360/ST_BUSINESS_RULE
Business rule	1168	360/ST_BUSINESS_RULE_PIC
Business rule function	1174	22/ST_ORACLE_EPC_BUSINESS_RULES
Business rules activity	1171	22/ST_ORACLE_BPEL_BUSINESS_RULES
Business segment (almost unimportant)	840	302/ST_BUSINESS_SEGMENT_5
Business segment (average)	838	302/ST_BUSINESS_SEGMENT_3
Business segment (important)	837	302/ST_BUSINESS_SEGMENT_2
Business segment (less important)	839	302/ST_BUSINESS_SEGMENT_4
Business segment (very important)	836	302/ST_BUSINESS_SEGMENT_1
Button	757	263/ST_BUTTON
Card file	27	27/ST_CRD_FILE
Catch	1045	22/ST_BPEL_CATCH
CD-ROM	337	27/ST_CD_PIC
CD-ROM	697	27/ST_INFO_CARR_CD
Cell sp.	117	74/ST_FLD_EX
Characteristic	580	17/ST_KAT
Characteristic	602	19/ST_KAT_AT
Class	520	90/ST_CLASS
Class	152	90/ST_CLS
Classification criterion	139	33/ST_CLSFC_CRIT
Classifier role	787	276/ST_CLS_ROLE

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Classifier-in-state	795	283/ST_CLS_IN_STATE
Cluster	13	14/ST_CLST
Cluster	521	14/ST_CLUSTER_2
Cluster instance	235	138/ST_CLST_INST
Collaboration	796	286/ST_COLLABORATION
Collaboration instance set	808	291/ST_COLLAB_INST_SET
Column	289	166/ST_COL
Combo box	749	259/ST_COMBOBOX
Communication	388	130/ST_COMM
Communication structure	579	14/ST_COM_STRUC
Company	392	43/ST_CPANY_PIC
Compensate	1038	22/ST_BPEL_COMPENSATE
Competitor	390	43/ST_CTITOR_PIC
Complex object	307	181/ST_CX_OBJ
Complex object type	324	182/ST_OBJ_CX
Component	397	188/ST_CMP
Component instance	807	290/ST_COMP_INST
Computer	353	6/ST_COMPUT_PIC
Conditional section	671	248/ST_COND_SECT
Connection	179	102/ST_CONNECTION
Connector	517	50/ST_CONNEC
Constraint	147	88/ST_CNSTR
Control	284	22/ST_CONTR
Control	1066	22/ST_CONTR_PIC
Copy	1032	22/ST_BPEL_COPY
Core competence	714	230/ST_CORE_COMPETENCE
CorrelationSet	1041	111/ST_BPEL_CORRELATION_SET
Cost category	224	132/ST_TYPE_OF_COST
Cost center	223	43/ST_COST_CNT
Cost driver	435	226/ST_COST_DRIVER
COT attribute	305	179/ST_COT_ATTR
COT attribute (instance)	306	180/ST_COT_ATTR_INS
Critical factor	186	108/ST_CRIT_FACT
Customer	384	43/ST_CSTOMER_PIC
D attribute (ERM)	8	19/ST_DESC_ATTR
D attribute instance (ERM)	240	142/ST_DESC_ATTR_INST_ERM
Data collection	824	55/ST_DATA_COLLECT
Data store	171	96/ST_DATA_STORE
Data value	173	98/ST_DATA_VAL
Data value	387	98/ST_DVALUE
DBMS	112	69/ST_DBMS
DBMS type	36	15/ST_DBMS_TYPE

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Decision	462	50/ST_DECISION
Descriptive field	189	109/ST_DESC_FIELD
Dialog box	765	31/ST_DLG
Dimension	570	14/ST_DIM
Diskette	344	27/ST_DISK_PIC
Diskette	722	27/ST_INFO_CARR_FDD
Distribution channel	771	269/ST_SALES_CHAN
District	812	294/ST_IS_FUNC_DISTRICT
Document	29	27/ST_DOC
Document	340	27/ST_DOCU_PIC
Documented knowledge	454	231/ST_DOC_KNWLDG_2
Documented knowledge	453	231/ST_DOC_KNWLDG_1
Domain	22	16/ST_DOM
Draft list	17	30/ST_LIST_DSGN
DVD	736	27/ST_INFO_CARR_DVD
E-mail	352	27/ST_EMAIL_PIC
E-mail	718	27/ST_EMAIL_1
E-mail	604	27/ST_EMAIL_PIC2
EDI	728	27/ST_INFO_CARR_EDI
Electronic document	729	27/ST_INFO_CARR_EDOC
Electronic folder	730	27/ST_INFO_CARR_EFOLDER
Employee role	536	78/ST_EMPL_ROLE
Employee variable	252	151/ST_EMPL_INST
Empty	1033	22/ST_BPEL_EMPTY
EMPTY	673	249/ST_XML_EMPTY
End event	843	18/ST_BPMN_END_EV
Entity	236	139/ST_ENT
Entity type	5	17/ST_ENT_TYPE
Entity type	522	17/ST_ET
Enumeration	679	175/ST_XML_ENUM
Enumeration	301	175/ST_ENUM
Enumeration attribute type	678	253/ST_XML_ENUMTYPE
Enumeration literal	763	266/ST_ENUM_LIT
Enumeration occurrence	294	171/ST_COUNT_INST
ERM attribute	529	19/ST_ERM_ATTR
ERM domain	57	20/ST_EERM_DOM
Event	1	18/ST_EV
Event	356	18/ST_EVENT_PIC
Event instance	243	143/ST_EV_INST
Exception	793	281/ST_UML_EXCEP
Expertise	46	27/ST_KNOWHOW
Expertise	732	27/ST_INFO_CARR_EXPERT

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Extension	1035	22/ST_BPEL_EXTENSION
Extension point	762	265/ST_EXT_PT
External person	58	46/ST_PERS_EXT
Extranet	735	27/ST_INFO_CARR_EXTRA
Extranet	593	27/ST_EXTRANET
Fact table	572	14/ST_FACT_TAB
Fault	1043	281/ST_BPEL_FAULT
Fax	350	27/ST_FAX_PIC
Fax	51	27/ST_FAX
Field	31	21/ST_FLD
File	569	27/ST_FILE_PIC_2
File	28	27/ST_FILE
File	339	27/ST_FILE_PIC
File cabinet	346	27/ST_FCABIN_PIC
File cabinet	724	27/ST_INFO_CARR_FCABIN
Filing basket	727	27/ST_INFO_CARR_FILE_BIN
Filing basket	354	27/ST_FILE_BIN_PIC
Final state	460	153/ST_STATE_FINAL
Final state	176	99/ST_FINAL_STATE
Fixed value	573	17/ST_FIX
Fixed value	600	19/ST_FIX_AT
FK attribute (ERM)	10	19/ST_FRGN_KEY_ATTR
FK attribute instance (ERM)	242	142/ST_FRGN_KEY_ATTR_INST_ERM
Flow	823	14/ST_FLOW
Flow	1027	50/ST_BPEL_FLOW
Folder	47	27/ST_FOLD
Foreign key	188	109/ST_FRGN_KEY
Frame	767	31/ST_FRAME
Function	335	22/ST_FUNC
Function (actual)	227	22/ST_FUNC_ACT
Function (manufacturing)	374	22/ST_FUNC_PIC_2
Function (office)	355	22/ST_FUNC_PIC
Function (target)	228	22/ST_FUNC_TRG
Function instance	234	137/ST_FUNC_INST
Functional block	814	294/ST_IS_FUNC_BLOCK
Gateway	853	50/ST_BPMN_RULE
General resource	518	145/ST_GEN_RESRC
General resource	246	145/ST_GNRL_RES
Generalization	149	89/ST_GNRL_6
Generalization	62	23/ST_GNRL_2
Generalization	64	23/ST_GNRL_4
Generalization	11	23/ST_GNRL_1

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Generalization	148	89/ST_GNRL_5
Generalization	150	89/ST_GNRL_7
Generalization	63	23/ST_GNRL_3
Generalization	151	89/ST_GNRL_8
Goods shipment	591	153/ST_GOODS
Group	375	128/ST_GRP_PIC
Group	209	128/ST_GRP
GUI type	38	9/ST_GRP_UI_TYPE
Hard disk	338	27/ST_HDISK_PIC
Hard disk	698	27/ST_INFO_CARR_HD
Hardware component	119	76/ST_HW_CMP
Hardware component class	25	25/ST_HW_CMP_CLS
Hardware component type	26	24/ST_HW_CMP_TYPE
Heading	716	232/ST_HEAD
Hierarchy table	576	14/ST_HIERARC_TAB
Human task	1170	22/ST_ORACLE_BPEL_HUMAN_TASK
Human task	1164	22/ST_ORACLE_EPC_HUMAN_TASK
Improvement potential (quality)	712	254/ST_IMPROVE_QUAL
Improvement potential (quantity)	713	254/ST_IMPROVE_QUANT
Index	181	103/ST_IDX
Info cube	577	14/ST_INFO_CUBE
Information (actual)	231	17/ST_INFO_ACT
Information (target)	232	17/ST_INFO_TRG
Information carrier	218	27/ST_INFO_CARR
Information flow	385	26/ST_INFO_FLW
Information object	217	14/ST_INFO_OBJ
Information service	532	153/ST_INF_SERV_PIC
Information service	531	153/ST_INF_SERV
Initial state	175	99/ST_INIT_STATE
Initial state	459	153/ST_STATE_INITIAL
Initiative	553	137/ST_INITIATIVE
Input parameter	326	184/ST_IN_PARA
Input/Output	719	22/ST_IN_OUTPUT
Instance	157	94/ST_INST
Instantiation cycle	421	213/ST_INST_CYC
Instantiation interval	420	212/ST_INST_INTERV
Instantiation plan	422	214/ST_INST_PLAN
Interaction instance set	809	292/ST_INTERACT_INST_SET
Interface	401	90/ST_IF
Intermediate event	842	18/ST_BPMN_INTERMEDIATE_EV
Internal person	2	46/ST_PERS_INT
Internet	605	27/ST_INTERNET_PIC2

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Internet	726	27/ST_INFO_CARR_INTERN
Internet	349	27/ST_INTERNET_PIC
Intranet	592	27/ST_INTRANET
Intranet	734	27/ST_INFO_CARR_INTRANET
Invoke	1023	22/ST_BPEL_INVOKE
IS function	810	293/ST_IS_FUNC
IS service	815	295/ST_IS_FUNC_SERVICE
IT block	819	6/ST_IT_BLOCK
IT function	185	107/ST_DP_FUNC
IT function class	184	106/ST_DP_FUNC_CLS
IT function type	183	105/ST_DP_FUNC_TYPE
IT procedure	820	105/ST_IT_PROC
IT software	818	6/ST_IT_SOFTWARE
IT system	816	6/ST_IT_SYS
Item type	670	247/ST_ELEM_TYPE
K attribute (ERM)	9	19/ST_KEY_ATTR
K attribute instance (ERM)	241	142/ST_KEY_ATTR_INST_ERM
Key figure	601	19/ST_KPI_2_AT
Key figure	578	17/ST_KPI_2
Knowledge category	451	230/ST_KNWLDG_CAT_1
Knowledge category	452	230/ST_KNWLDG_CAT_2
KPI (estimated)	709	17/ST_KPI_ESTIMATED
KPI (exact)	708	17/ST_KPI_EXACT
KPI instance	552	244/ST_KPI
LAN	731	27/ST_INFO_CARR_LAN
Lane	865	304/ST_BPMN_LANE
Layout	293	170/ST_PRES
Letter	721	27/ST_INFO_CARR_LETTER
Letter	343	27/ST_LETT_PIC
Link object	785	274/ST_LINK_OBJ
List	40	29/ST_LIST
List control	756	262/ST_LISTCTRL
Location	371	54/ST_LOCA_PIC2
Location	362	54/ST_LOCA_PIC
Location	12	54/ST_LOC_1
Log	247	27/ST_LOG
Loop limit (end)	515	18/ST_LLIMIT_END
Loop limit (start)	514	241/ST_LLIMIT_START
Machine	367	116/ST_MACH_PIC
Magnetic tape	180	27/ST_MAGN_TAPE
Magnetic tape	348	27/ST_TAPE_PIC
Main process	70	28/ST_MAIN_PRCs

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Mandatory field	190	109/ST_MAND_FIELD
Manual processing	512	22/ST_PRC_MAN
Marketing instrument	770	268/ST_MARKET_INST
Master data table	581	14/ST_XXX_TAB
Material class	207	124/ST_MAT_CLS
Material flow	386	83/ST_MAT_FLW
Material type	373	126/ST_MAT_TYPE_PIC2
Material type	193	126/ST_MAT_TYPE
Material type	372	126/ST_MAT_TYPE_PIC
Measurement unit	302	176/ST_UNIT
Measurement unit number	328	185/ST_UNIT_NUM
Memory location	32	53/ST_MEM_LOC
Message	822	27/ST_MESSAGE
Message	866	14/ST_BPMN_MESSAGE
MessagePart	1053	19/ST_MESSAGE_PART
MessageType	1051	90/ST_MESSAGE_TYPE
Microfiche	49	27/ST_MICROFICHE
Mobile phone	733	27/ST_INFO_CARR_HANDY
Mobile phone (WAP)	589	27/ST_HANDY
Module	108	65/ST_MOD
Module class	15	38/ST_MOD_CLS
Module type	41	37/ST_MOD_TYPE
Money transaction	590	153/ST_MONEY
Namespace	1048	187/ST_BPEL_NAMESPACE
Need	769	267/ST_WANT
Network	128	85/ST_NW
Network class	23	42/ST_NW_CLS
Network connection	125	82/ST_NW_LINE
Network connection type	124	81/ST_NW_LINE_TYPE
Network node	122	79/ST_NW_NODE_1
Network node type	121	40/ST_NW_NODE_TYPE
Network protocol	182	104/ST_NW_PROT
Network type	24	39/ST_NW_TYPE
Node	805	24/ST_UML_NODE
Node instance	806	76/ST_UML_NODE_INST
Note	395	186/ST_NOTE
Notepad	725	27/ST_INFO_CARR_NOTE
Notepad	347	27/ST_NOTE_PIC
Notification	1172	22/ST_ORACLE_BPEL_NOTIFICATION
Notification	1166	22/ST_ORACLE_EPC_NOTIFICATION
Object	651	246/ST_OBJECT_17
Object	658	246/ST_OBJECT_24

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Object	706	246/ST_OBJECT_54
Object	643	246/ST_OBJECT_10
Object	662	246/ST_OBJECT_28
Object	1124	246/ST_OBJECT_59
Object	666	246/ST_OBJECT_34
Object	653	246/ST_OBJECT_19
Object	668	246/ST_OBJECT_30
Object	1122	246/ST_OBJECT_57
Object	649	246/ST_OBJECT_16
Object	655	246/ST_OBJECT_21
Object	635	246/ST_OBJECT_2
Object	704	246/ST_OBJECT_52
Object	639	246/ST_OBJECT_6
Object	637	246/ST_OBJECT_4
Object	648	246/ST_OBJECT_15
Object	642	246/ST_OBJECT_9
Object	664	246/ST_OBJECT_32
Object	660	246/ST_OBJECT_26
Object	646	246/ST_OBJECT_13
Object	686	246/ST_OBJECT_36
Object	652	246/ST_OBJECT_18
Object	657	246/ST_OBJECT_23
Object	659	246/ST_OBJECT_25
Object	644	246/ST_OBJECT_11
Object	707	246/ST_OBJECT_55
Object	663	246/ST_OBJECT_29
Object	1121	246/ST_OBJECT_56
Object	665	246/ST_OBJECT_33
Object	1123	246/ST_OBJECT_58
Object	667	246/ST_OBJECT_35
Object	705	246/ST_OBJECT_53
Object	661	246/ST_OBJECT_27
Object	1125	246/ST_OBJECT_60
Object	654	246/ST_OBJECT_20
Object	656	246/ST_OBJECT_22
Object	636	246/ST_OBJECT_3
Object	650	246/ST_OBJECT_31
Object	640	246/ST_OBJECT_7
Object	634	246/ST_OBJECT_1
Object	703	246/ST_OBJECT_51
Object	402	94/ST_OBJ
Object	694	246/ST_OBJECT_44

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Object	638	246/ST_OBJECT_5
Object	647	246/ST_OBJECT_14
Object	687	246/ST_OBJECT_37
Object	641	246/ST_OBJECT_8
Object	645	246/ST_OBJECT_12
Object state	457	153/ST_OBJ_STATE
Object type	461	90/ST_OBJ_TYPE
Object type class	140	36/ST_OBJ_TYPE_CLS
Objective	129	86/ST_OBJCTV
Objective	394	86/ST_TARGET_PIC
OnAlarm	1047	22/ST_BPEL_ON_ALARM
OnMessage	1046	22/ST_BPEL_ON_MESSAGE
Operating resource	198	120/ST_OP_RES
Operating resource class	202	112/ST_OP_RES_CLS
Operating resource type	197	116/ST_OP_RES_TYPE
Operating system	115	72/ST_OS
Operating system type	35	10/ST_OS_TYPE
Operation	1052	22/ST_SERVICE_OPERATION
Operation	455	22/ST_OP_1
Operation	156	93/ST_OP
OR operator (inst.)	254	152/ST_OPR_OR_INST
OR rule	527	50/ST_OR
OR rule	43	50/ST_OPR_OR_1
OR/AND operator (inst.)	257	152/ST_OPR_OR_AND_INST
OR/AND rule	131	50/ST_OR_AND
OR/XOR operator (inst.)	262	152/ST_OPR_OR_XOR_INST
OR/XOR rule	137	50/ST_OR_XOR
Order	376	58/ST_ORDER_PIC
Organizational chart	59	60/ST_ORG_CHRT
Organizational level	60	59/ST_ORG_LVL
Organizational unit	3	43/ST_ORG_UNIT_1
Organizational unit	144	43/ST_ORG_UNIT_2
Organizational unit	361	43/ST_ORG_PIC
Organizational unit type	630	44/ST_ORG_UNIT_TYPE_4
Organizational unit type	161	44/ST_ORG_UNIT_TYPE_2
Organizational unit type	628	44/ST_ORG_UNIT_TYPE_3
Organizational unit type	4	44/ST_ORG_UNIT_TYPE_1
Organizational unit type	393	44/ST_ORG_TYPE_PIC
Output parameter	327	184/ST_OUT_PARA
Package	396	187/ST_PACK
Package	588	187/ST_PACK_PIC_2
Packaging material	363	127/ST_PACK_PIC

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Packaging material class	208	125/ST_PACK_MAT_CLS
Packaging material type	195	127/ST_PACK_MAT_TYPE
Page	287	164/ST_PAGE
Parameter	759	184/ST_UML_PARA
Parameter	1055	184/ST_BPEL_PARAMETER
Partition	804	288/ST_PARTITION
Partner	1040	320/ST_BPEL_PARTNER
PartnerLink	1039	322/ST_BPEL_PARTNER_LINK
PartnerLinkType	1110	90/ST_BPEL_PARTNER_LINK_TYPE
PDA	695	27/ST_INFO_CARR_PDA
Person (f)	359	46/ST_PERS_F_PIC
Person (m)	358	46/ST_PERS_M_PIC
Person type	145	78/ST_EMPL_TYPE
Person type	360	78/ST_PERS_TYPE_PIC
Phys. domain	53	47/ST_PHYS_DOM
Pick	1037	22/ST_BPEL_PICK
Picture	758	167/ST_PICTURE
Pool	864	303/ST_BPMN_POOL
PortType	1049	90/ST_SERVICE_PORT_TYPE
Position	143	45/ST_POS
Position	467	45/ST_POS_1
Position description	510	78/ST_JOB_DESC
Position type	299	44/ST_POS_TYPE
Position type	631	44/ST_POS_TYPE_1
Pot. competitor	391	43/ST_PCTITOR_PIC
Primary key	187	109/ST_PRIM_KEY
Printer	696	27/ST_INFO_CARR_PRINT
Printer	336	27/ST_PRINT_PIC
Process	72	22/ST_PRC_1
Process	170	95/ST_PRC_2
Process interface	94	22/ST_PRC_IF
Process module	772	22/ST_PRC_MOD
ProcessEnd	1021	18/ST_BPEL_PROC_END
Processing (Process)	511	22/ST_PRC2
ProcessStart	1020	18/ST_BPEL_PROC_START
Product	377	153/ST_PROD_PIC
Product	380	153/ST_PROD_PIC2
Product/Service	524	153/ST_PROD_SERV
Product/Service	465	153/ST_PERFORM
Product/Service characteristic	269	157/ST_PERF_CHARAC
Profile	828	300/ST_UML_PROFILE
Program library	111	68/ST_PRG_LIB

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Program modification	738	22/ST_PROGMOD
Program module	110	67/ST_PRG_MOD
Program module type	109	66/ST_PRG_MOD_TYPE
Programming language	113	70/ST_PRG_LNG
Project guideline	251	137/ST_PROJ_GUIDLINE
Property	1050	19/ST_BPEL_PROPERTY
Protocol	1105	104/ST_PROTOCOL
Pseudostate (choice)	800	50/ST_PSTATE_CH
Pseudostate (deep history)	798	50/ST_PSTATE_DH
Pseudostate (initial)	790	50/ST_PSTATE
Pseudostate (junction)	940	50/ST_PSTATE_JUNC
Pseudostate (shallow history)	799	50/ST_PSTATE_SH
Radio button/Check box	746	258/ST_OPT_CTRL
Receive	1022	22/ST_BPEL_RECEIVE
Reception	794	282/ST_UML_RECEPT
Reint. relationship	238	140/ST_REINT_RELSHP
Reint. relationship type	7	11/ST_REINT_RELSHP_TYPE
Reinterpreted relationship type	868	11/ST_REINT_RELSHP_TYPE_1
Relation	20	51/ST_REL
Relationship	237	140/ST_RELSHP
Relationship type	6	11/ST_RELSHP_TYPE
Relationship type	519	11/ST_RELAT_TYPE
Reply	1036	22/ST_BPEL_REPLY
Risk	737	159/ST_RISK_PIC
Risk	688	159/ST_RISK_1
Risk	282	159/ST_RISK
Risk category	689	256/ST_RISK_CATEGORY
Robot	368	116/ST_ROBO_PIC
Rule	357	50/ST_RULE_PIC
Rule	45	50/ST_OPR_RULE
Rule operator (inst.)	256	152/ST_OPR_RULE_INST
Scenario	71	22/ST_SCENARIO
ScopeEnd	1026	18/ST_BPEL_SCOPE_END
ScopeStart	1025	18/ST_BPEL_SCOPE_START
Screen	39	31/ST_SCRN
Screen	525	31/ST_SCRN_2
Screen design	16	32/ST_SCRN_DSGN
Screen table	325	183/ST_SCRN_TBL
Section	288	165/ST_SECT
Security protocol	619	245/ST_SECURE
Separator	292	169/ST_SEPRT
Sequence	675	250/ST_XML_SEQUENCE

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Sequence	1028	22/ST_BPEL_SEQUENCE
Service	530	153/ST_SERV
Service	378	153/ST_SERV_PIC
Shift	425	217/ST_SHIFT
Shift cycle	424	216/ST_SHIFT_CYC
Shift plan	423	215/ST_SHIFT_PLAN
Signal	792	280/ST_UML_SIGNAL
Socket	821	296/ST_SOCKET
Solution	283	137/ST_SOLU
Spin box	754	260/ST_SPINBOX_HORIZ
Spin box	753	260/ST_SPINBOX_VERT
Split/Synchro	463	50/ST_SPLIT_1
Split/Synchro	464	50/ST_SPLIT_2
Start event	841	18/ST_BPMN_START_EV
State	458	153/ST_STATE_1
State	174	99/ST_STATE
State machine	791	279/ST_STATE_MACH
Stereotype	825	297/ST_STEREOTYPE
Strategic objective	550	86/ST_STRAT_OBJCTV
Structural element	466	232/ST_STRCT_ELEMENT
Subroutine	720	22/ST_SUBPROG
Substitute product	381	153/ST_SPROD_PIC
Substitute service	379	153/ST_SSERV_PIC
Subsystem	781	270/ST_SUBSYSY
Subsystem	817	6/ST_SUB_SYS
Subsystem instance	782	271/ST_SUBSYSY_INST
Supplier	383	43/ST_SUPPL_PIC
Switch	1031	50/ST_BPEL_SWITCH
System attribute domain	191	110/ST_DOM_SYS_ATTR
System function (actual)	229	22/ST_SYS_FUNC_ACT
System function (target)	230	22/ST_SYS_FUNC_TRG
System organizational unit	95	12/ST_SYS_ORG_UNIT_1
System organizational unit	168	12/ST_SYS_ORG_UNIT_2
System organizational unit type	169	13/ST_SYS_ORG_UNIT_TYPE_2
System organizational unit type	97	13/ST_SYS_ORG_UNIT_TYPE_1
Tab	764	31/ST_TAB
Table	30	55/ST_TBL
Table sp.	116	73/ST_TBL_EX
Tag definition	826	298/ST_TAG_DEF
Tagged value	827	299/ST_TAGGED_VAL
Take over TR	585	22/ST_TRANS_FUNC_NO_CHANG
Take over UR	575	22/ST_APPND_FUNC_NO_CHANG

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Task	715	22/ST_TASK
Tech. operating supply class	205	115/ST_TECH_OP_SUPPLY_CLS
Technical operating supply	201	123/ST_TECH_OP_SUPPLY
Technical operating supply type	194	119/ST_TECH_OP_SUPPLY_TYPE
Technical term	54	58/ST_TECH_TERM
Technical term	523	58/ST_TTERM
Technical terms instance	239	141/ST_TECH_TERM_INST
Telephone	351	27/ST_PHONE_PIC
Telephone	50	27/ST_PHONE
Terminate	1029	22/ST_BPEL_TERMINATE
Terminator	516	18/ST_TERMINAT
Test definition	1065	321/ST_TEST_DEFINITION
Text	291	168/ST_TXT
Text	745	168/ST_TXT_1
Text box	744	257/ST_TEXTBOX
Text table	582	14/ST_TXT_TAB
Tf being prc.cmpl.pnd.w.cmpl.	321	158/ST_CMPL_PRCs_CMPL
Tf being processed compl.pend.	313	158/ST_CMPL_PRCs
Tf being processed with compl.	317	158/ST_PRCs_CMPL
Tf has error status	312	158/ST_ERROR
Tf is waiting	311	158/ST_WAIT
Tf ready with complaint	316	158/ST_IDLE_CMPL
Tf suspended	310	158/ST_SUSPEN
Tf suspended with complaint	320	158/ST_BE_ABORT_CMPL
Tf will ab.cmpl.pnd.w.cmpl.	322	158/ST_CMPL_BE_ABORT_CMPL
Tf will abort	308	158/ST_ABORT
Tf will abort compl. pend.	315	158/ST_CMPL_BE_ABORT
Tf will abort with complaint	319	158/ST_CANCEL_CMPL
Tf will be ssp. compl.pend.	314	158/ST_CMPL_BE_SUSPEN
Tf will be ssp. with compl.	318	158/ST_BE_SUSPEN_CMPL
Tf will be ssp.cmpl.pnd.w.cmpl.	323	158/ST_CMPL_BE_SUSPEN_CMPL
Tf will be suspended	309	158/ST_BE_SUSPEN
Throw	1044	22/ST_BPEL_THROW
Time characteristic	603	19/ST_KAT_TIME_AT
Time characteristic	586	17/ST_KAT_TIME
Time planner	342	27/ST_TPLAN_PIC
Time planner	700	27/ST_INFO_CARR_TPLAN
Tool	370	119/ST_TOOL_PIC
Tool (actual)	711	255/ST_TOOL_ACT
Tool (target)	710	255/ST_TOOL_TRG
Transaction folder	270	158/ST_TASK_FOLD
Transaction folder OK	272	158/ST_TASK_FOLD_OK

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
Transaction folder open	271	158/ST_TASK_FOLD_OPEN
Transaction folder stopped	273	158/ST_TASK_FOLD_HALT
Transfer rule	584	22/ST_TRANS_FUNC
Transfer structure	583	14/ST_TRANS_STRUC
Transport system	366	118/ST_TRANSP_PIC
Transport system class	204	114/ST_TRNSP_SYS_CLS
Transport system type	196	118/ST_TRNSP_SYS_TYPE
Transport systems	200	122/ST_TRNSP_SYS
Tree control	755	261/ST_TREECTRL
Truck	365	118/ST_VAN_PIC
UML Model	783	272/ST_UML_MOD
Unit characteristic	599	19/ST_KAT_DIM_AT
Unit characteristic	571	17/ST_KAT_DIM
Update rule	574	22/ST_APPND_FUNC
Use case	398	22/ST_USECASE
Use case instance	784	273/ST_USECASE_INST
Value-added chain	141	22/ST_VAL_ADD_CHN_SML_2
Value-added chain	105	22/ST_VAL_ADD_CHN_SML_1
Variable	1042	94/ST_BPEL_VARIABLE
View	19	57/ST_VIEW
View (physical)	118	75/ST_VIEW_PHYS
Wait	1024	22/ST_BPEL_WAIT
Warehouse equipment	369	117/ST_STOCK
Warehouse equipment	199	121/ST_WH_EQUIP
Warehouse equipment class	203	113/ST_WH_EQUIP_CLS
Warehouse equipment type	192	117/ST_WH_EQUIP_TYPE
Wastepaper basket	341	27/ST_WASTE_PIC
Wastepaper basket	699	27/ST_INFO_CARR_WASTE
Website	768	31/ST_WEBSITE
While	1034	241/ST_BPEL_WHILE
Window	766	31/ST_WINDOW
Workflow pattern	1175	361/ST_ORACLE_WORKFLOW_PATTERN
Workstation	509	54/ST_WORK_PLACE
XOR	676	251/ST_XML_XOR
XOR operator (inst.)	255	152/ST_OPR_XOR_INST
XOR rule	528	50/ST_XOR
XOR rule	44	50/ST_OPR_XOR_1
XOR/AND operator (inst.)	258	152/ST_OPR_XOR_AND_INST
XOR/AND rule	132	50/ST_XOR_AND
XOR/OR operator (inst.)	260	152/ST_OPR_XOR_OR_INST
XOR/OR rule	135	50/ST_XOR_OR
XSDElement	1056	90/ST_BPEL_XSD_ELEMENT

Table 13–698 (Cont.) Symbol Name

Symbol Name	Symbol No.	Object Type Number
XSDType	1057	90/ST_BPEL_XSD_TYPE
Y function	82	22/ST_Y_FUNC
Y function (left)	83	22/ST_Y_FUNC_LEFT
Y function (right)	84	22/ST_Y_FUNC_RIGHT
Zone	811	294/ST_IS_FUNC_ZONE

13.13 Attr. Number, Length, Data Type

Table 13–699 Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Absolute change in MAC	830	7/ABT_FLOAT	Floating point number
Abstract process	2382	2/ABT_BOOL	Boolean
Abstract type	2173	1000/ABT_SINGLELINE	One-liner
Achievement of objectives	1378	20/ABT_VALUE	Value
Action	1197	100/ABT_MULTILINE	N-liner
Action	3331	10000/ABT_SINGLELINE	One-liner
Action when time limit exceeded	1276	1024/ABT_MULTILINE	N-liner
Activations	1122	5/ABT_INTEGER	Integer
Actual time period	1376	20/ABT_SINGLELINE	One-liner
Actual value	1377	20/ABT_FLOAT	Floating point number
Ad hoc	2148	2/ABT_BOOL	Boolean
Address	244	512/ABT_MULTILINE	N-liner
Aggregation	456	2/ABT_BOOL	Boolean
Aggregation kind	1219	15/ABT_VALUE	Value
ALE Attribute	361	2/ABT_BOOL	Boolean
Alias	999	256/ABT_SINGLELINE	One-liner
Alignment	947	256/ABT_VALUE	Value
Allow participants to invite others	3326	2/ABT_BOOL	Boolean
Alternative status	490	2/ABT_VALUE	Value
Amount	269	30/ABT_INTEGER	Integer
Amount of damages	1625	50/ABT_VALUE	Value
Amount per time unit	247	20/ABT_INTEGER	Integer
Annotations	1598	10000000/ABT_MULTILINE	N-liner
Application	226	512/ABT_MULTILINE	N-liner
Archiving	136	2/ABT_BOOL	Boolean
Aspect	146	512/ABT_MULTILINE	N-liner
Assign time	2150	24/ABT_VALUE	Value
Assignment icon	2265	0/ABT_BITMAP	Bitmap
Assignment icon (UML Designer)	2275	10000000/ABT_SINGLELINE	One-liner
Assignment type	1253	25/ABT_VALUE	Value
Association kind	1648	50/ABT_VALUE	Value
Association role (Src)	1362	100/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Association role (Trg)	1363	100/ABT_MULTILINE	N-liner
Attachment	3291	10000000/ABT_MULTILINE	N-liner
Attachment	3327	10000/ABT_MULTILINE	N-liner
Attribute category	518	20/ABT_VALUE	Value
Attribute default	1502	512/ABT_VALUE	Value
Attribute flag	798	10/ABT_VALUE	Value
Author	46	50/ABT_MULTILINE	N-liner
Auto central	79	2/ABT_BOOL	Boolean
Auto decentralized	82	2/ABT_BOOL	Boolean
Automatic	1252	2/ABT_BOOL	Boolean
Automatically controlled	1228	2/ABT_BOOL	Boolean
Available capacity	484	20/ABT_FLOAT	Floating point number
Average amount of damages	1552	20/ABT_COMBINED	Combined
Average capacity	1131	10/ABT_FLOAT	Floating point number
Average initial wait time	643	20/ABT_COMBINED	Combined
Average reduced relative probability	1637	20/ABT_RANGEFLOAT	Floating point number domain
Average relative probability	1573	20/ABT_RANGEFLOAT	Floating point number domain
Average wait time	531	20/ABT_COMBINED	Combined
Avg. costs for depreciation/repair/maintenance	62	20/ABT_COMBINED	Combined
Avg. energy costs	61	20/ABT_COMBINED	Combined
Avg. imputed interest	63	20/ABT_COMBINED	Combined
Avg. material costs	58	20/ABT_COMBINED	Combined
Avg. number	33	10/ABT_INTEGER	Integer
Avg. operating supplies costs	60	20/ABT_COMBINED	Combined
Avg. orientation time	67	20/ABT_COMBINED	Combined
Avg. other costs	57	20/ABT_COMBINED	Combined
Avg. personnel costs	59	20/ABT_COMBINED	Combined
Avg. processing time	68	20/ABT_COMBINED	Combined
Avg. throughput time	1462	20/ABT_COMBINED	Combined
Avg. throughput time	69	20/ABT_COMBINED	Combined
Avg. total costs	65	20/ABT_COMBINED	Combined
Avg. total time	647	20/ABT_COMBINED	Combined
Avg. transmission time	74	20/ABT_COMBINED	Combined
Avg. utilization	232	10/ABT_FLOAT	Floating point number
Avg. various overhead costs	64	20/ABT_COMBINED	Combined
Avg. wait time	66	20/ABT_COMBINED	Combined
Background color	797	50/ABT_SINGLELINE	One-liner
Bank code	1292	9/ABT_INTEGER	Integer
Base class	2101	10000000/ABT_MULTILINE	N-liner
Basis of valuation	1642	50/ABT_VALUE	Value
Batch central	78	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Batch decentralized	81	2/ABT_BOOL	Boolean
Batch-controlled	1229	2/ABT_BOOL	Boolean
BCC	3323	1000/ABT_SINGLELINE	One-liner
Bitmap path	782	256/ABT_SINGLELINE	One-liner
Body	976	10000000/ABT_MULTILINE	N-liner
Book title	12	100/ABT_MULTILINE	N-liner
Bottom margin	780	2/ABT_BOOL	Boolean
BottomCenter	1438	1000/ABT_SINGLELINE	One-liner
BottomLeft	1437	1000/ABT_SINGLELINE	One-liner
BottomMargin	1443	10/ABT_INTEGER	Integer
BottomRight	1439	1000/ABT_SINGLELINE	One-liner
Bound	1676	256/ABT_INTEGER	Integer
BPEL text attribute 1	3335	10000000/ABT_MULTILINE	N-liner
BPEL text attribute 2	3336	10000000/ABT_MULTILINE	N-liner
BPEL text attribute 3	3337	10000000/ABT_MULTILINE	N-liner
BPEL text attribute 4	3338	10000000/ABT_MULTILINE	N-liner
BPEL text attribute 5	3339	10000000/ABT_MULTILINE	N-liner
BPEL text attribute 6	3340	10000000/ABT_MULTILINE	N-liner
BPEL text attribute 7	3341	10000000/ABT_MULTILINE	N-liner
bpel.xml	3366	0/ABT_BLOB	BLOB
Break duration	1156	30/ABT_TIMESPAN	Duration
Break start	1155	30/ABT_TIMESPAN	Duration
BSC - Remark/Example	1381	10000000/ABT_MULTILINE	N-liner
Budgetary relation	955	256/ABT_MULTILINE	N-liner
Buildtime EPC	628	8/ABT_INTEGER	Integer
Buttons	1592	2/ABT_BOOL	Boolean
Calculated end date	428	20/ABT_DATE	Date
Calculated operation costs	438	20/ABT_FLOAT	Floating point number
Calculated planned project costs	331	20/ABT_FLOAT	Floating point number
Calculated project duration	430	20/ABT_COMBINED	Combined
Calculated project end date	410	20/ABT_DATE	Date
Calculated project start date	408	20/ABT_DATE	Date
Calculated project work	333	20/ABT_FLOAT	Floating point number
Calculated resource costs	488	20/ABT_FLOAT	Floating point number
Calculated resource work	487	20/ABT_FLOAT	Floating point number
Calculated start date	427	20/ABT_DATE	Date
Calculation type for fixed date calculation	1259	30/ABT_VALUE	Value
Call mode	1407	30/ABT_VALUE	Value
Call when time limit exceeded	1275	2/ABT_BOOL	Boolean
Can be delegated	692	2/ABT_BOOL	Boolean
Can be reset	691	2/ABT_BOOL	Boolean
Cancel possible	690	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Capacity	1304	8/ABT_RANGEINTEGER	Integer domain
Cardinality (source)	41	200/ABT_VALUE	Value
Cardinality (source)	149	512/ABT_VALUE	Value
Cardinality (target)	150	512/ABT_VALUE	Value
Cardinality (target)	42	200/ABT_VALUE	Value
Catalog	3316	256/ABT_SINGLELINE	One-liner
Category	228	512/ABT_VALUE	Value
Category	253	100/ABT_MULTILINE	N-liner
Category	229	512/ABT_VALUE	Value
Category	267	10/ABT_SINGLELINE	One-liner
Cause of complaint	894	10000000/ABT_MULTILINE	N-liner
CC	3324	1000/ABT_SINGLELINE	One-liner
CD Number	1164	100/ABT_INTEGER	Integer
CD ratio denominator	1166	2/ABT_RANGEINTEGER	Integer domain
CD ratio numerator	1165	1/ABT_INTEGER	Integer
Central control code	752	300/ABT_MULTILINE	N-liner
Change expression	1697	10000000/ABT_MULTILINE	N-liner
Change expression language	1698	500/ABT_SINGLELINE	One-liner
Change history	1599	10000000/ABT_MULTILINE	N-liner
Change in percent	831	6/ABT_FLOAT	Floating point number
Change management	1453	2/ABT_BOOL	Boolean
Change privilege	875	2/ABT_BOOL	Boolean
Changeability	1613	50/ABT_VALUE	Value
Changed by	615	100/ABT_MULTILINE	N-liner
Changed on	614	20/ABT_DATE	Date
Channel	3320	10/ABT_VALUE	Value
Chapter name	14	100/ABT_SINGLELINE	One-liner
CharSet	1447	10/ABT_INTEGER	Integer
Check box	1595	2/ABT_BOOL	Boolean
Checked by	613	100/ABT_MULTILINE	N-liner
Checked on	612	20/ABT_DATE	Date
Citizen	959	20/ABT_COMBINED	Combined
Class attribute	147	2/ABT_BOOL	Boolean
Class operation	148	2/ABT_BOOL	Boolean
Client	375	4/ABT_SINGLELINE	One-liner
Client name	1220	256/ABT_MULTILINE	N-liner
Color (hexadecimal)	1571	6/ABT_SINGLELINE	One-liner
Column width	946	256/ABT_VALUE	Value
Combo flag	790	20/ABT_VALUE	Value
Commit resource	1388	2/ABT_BOOL	Boolean
Communication channel	460	2/ABT_SINGLELINE	One-liner
Company	1582	250/ABT_SINGLELINE	One-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Company affiliation	84	512/ABT_VALUE	Value
Company affiliation	243	512/ABT_VALUE	Value
Company code	327	4/ABT_SINGLELINE	One-liner
Company-external	261	2/ABT_BOOL	Boolean
Company-internal	260	2/ABT_BOOL	Boolean
Comparison attribute	108	4/ABT_INTEGER	Integer
Comparison operator	497	20/ABT_VALUE	Value
Comparison value	498	80/ABT_MULTILINE	N-liner
Comparison value (logical)	1125	2/ABT_BOOL	Boolean
Comparison value (numeric)	1126	10/ABT_FLOAT	Floating point number
Compensation	2146	1000/ABT_SINGLELINE	One-liner
Compensation activity	3403	2/ABT_BOOL	Boolean
Complaint duration	890	20/ABT_TIMESPAN	Duration
Complaint pending	893	2/ABT_BOOL	Boolean
Completion condition	2149	1000/ABT_SINGLELINE	One-liner
Complex	2169	1000/ABT_SINGLELINE	One-liner
Complexity	26	10/ABT_SINGLELINE	One-liner
Compression type	504	80/ABT_MULTILINE	N-liner
Computer center (CC) costs	114	20/ABT_COMBINED	Combined
Concurrency	977	20/ABT_VALUE	Value
Concurrency	1457	15/ABT_VALUE	Value
Condition	700	255/ABT_MULTILINE	N-liner
Condition	263	2/ABT_BOOL	Boolean
Condition	1193	100/ABT_MULTILINE	N-liner
Condition	1365	10000000/ABT_MULTILINE	N-liner
Condition	2174	50/ABT_VALUE	Value
Condition expression	2175	1000/ABT_SINGLELINE	One-liner
Condition expression	2395	500/ABT_SINGLELINE	One-liner
Condition is checked only once	698	2/ABT_BOOL	Boolean
Condition language	1699	500/ABT_SINGLELINE	One-liner
Conditions	207	300/ABT_MULTILINE	N-liner
Conflict class	1368	25/ABT_VALUE	Value
Conflict type	1367	25/ABT_VALUE	Value
Connection role	25	100/ABT_MULTILINE	N-liner
Connection shortcut	1622	10000000/ABT_MULTILINE	N-liner
Constraint	156	512/ABT_MULTILINE	N-liner
Constraint	967	256/ABT_MULTILINE	N-liner
Constraint (Src)	1516	256/ABT_MULTILINE	N-liner
Constraint (Trg)	1517	256/ABT_MULTILINE	N-liner
Contact person	1600	250/ABT_MULTILINE	N-liner
Containment	1522	20/ABT_VALUE	Value
Containment (Src)	1529	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Containment (Trg)	1530	20/ABT_VALUE	Value
Cost category no.	337	10/ABT_SINGLELINE	One-liner
Cost category type	342	2/ABT_SINGLELINE	One-liner
Cost center ID	1167	2/ABT_BOOL	Boolean
Cost center number	1296	20/ABT_SINGLELINE	One-liner
Cost driver	564	20/ABT_SINGLELINE	One-liner
Cost rate	140	20/ABT_FLOAT	Floating point number
Cost rate	485	20/ABT_FLOAT	Floating point number
Cost rate	1295	20/ABT_COMBINED	Combined
Costs	295	100/ABT_SINGLELINE	One-liner
Costs (CD)	570	20/ABT_FLOAT	Floating point number
Costs per unit	219	40/ABT_COMBINED	Combined
Coverage quality	1188	20/ABT_VALUE	Value
Create	909	2/ABT_BOOL	Boolean
Create instance	2389	2/ABT_BOOL	Boolean
Create privilege	874	2/ABT_BOOL	Boolean
Created by	609	100/ABT_MULTILINE	N-liner
Created in R/3 release	1238	4/ABT_MULTILINE	N-liner
Created on	608	20/ABT_DATE	Date
Creation date	584	20/ABT_TIMESTAMP	Point in time
Creator	1009	81/ABT_MULTILINE	N-liner
Current capacity	1127	10/ABT_INTEGER	Integer
Current costs	417	20/ABT_FLOAT	Floating point number
Current duration	416	20/ABT_COMBINED	Combined
Current end date	434	20/ABT_DATE	Date
Current object	632	8/ABT_INTEGER	Integer
Current operation work	415	20/ABT_FLOAT	Floating point number
Current planned project costs	332	20/ABT_FLOAT	Floating point number
Current project duration	431	20/ABT_COMBINED	Combined
Current project end date	411	20/ABT_DATE	Date
Current project start date	409	20/ABT_DATE	Date
Current project work	423	20/ABT_FLOAT	Floating point number
Current provision time	884	20/ABT_TIMESTAMP	Point in time
Current resource costs	401	20/ABT_FLOAT	Floating point number
Current resource work	400	20/ABT_FLOAT	Floating point number
Current start date	432	20/ABT_DATE	Date
Current start time	885	20/ABT_TIMESTAMP	Point in time
Current status	362	50/ABT_SINGLELINE	One-liner
Current user	633	8/ABT_INTEGER	Integer
Customer	462	49/ABT_MULTILINE	N-liner
Cycle duration	1145	30/ABT_TIMESPAN	Duration
Cycle exit	697	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Cycle frequency	200	20/ABT_INTEGER	Integer
Cyclical repeat	1143	2/ABT_BOOL	Boolean
Dangerous goods note	283	100/ABT_SINGLELINE	One-liner
Dangerous goods number	282	100/ABT_SINGLELINE	One-liner
Data management system	11	30/ABT_SINGLELINE	One-liner
Data source	1643	50/ABT_VALUE	Value
Data type	1501	512/ABT_VALUE	Value
Data type	501	20/ABT_VALUE	Value
Data type	494	10/ABT_VALUE	Value
Data type operations	277	512/ABT_MULTILINE	N-liner
Data value	2103	10000000/ABT_MULTILINE	N-liner
Database	249	100/ABT_MULTILINE	N-liner
Database export	1294	2/ABT_BOOL	Boolean
Database management	1003	2/ABT_BOOL	Boolean
DBLogo	1452	0/ABT_BITMAP	Bitmap
Deactivated	757	2/ABT_BOOL	Boolean
Decimal places	34	3/ABT_INTEGER	Integer
Default	2406	2/ABT_BOOL	Boolean
Default (import)	56	512/ABT_MULTILINE	N-liner
Default function	950	2/ABT_BOOL	Boolean
Default name	734	20/ABT_MULTILINE	N-liner
Default value	1507	100/ABT_SINGLELINE	One-liner
Default value	949	150/ABT_MULTILINE	N-liner
Default value	1612	1000/ABT_SINGLELINE	One-liner
Default value language	1705	500/ABT_SINGLELINE	One-liner
Defines process PartnerLink	3169	2/ABT_BOOL	Boolean
Degree of activation	1123	10/ABT_FLOAT	Floating point number
Degree of coverage	1182	3/ABT_RANGEINTEGER	Integer domain
Degree of division	52	512/ABT_VALUE	Value
Degree of fulfillment	1108	10/ABT_FLOAT	Floating point number
Degree of goal accomplishment	1384	20/ABT_FLOAT	Floating point number
Degree of requirement satisfaction	86	512/ABT_VALUE	Value
Degree of utilization	5	10/ABT_FLOAT	Floating point number
Degree of utilization	591	10/ABT_FLOAT	Floating point number
Delayed forwarding possible	688	2/ABT_BOOL	Boolean
Delete	911	2/ABT_BOOL	Boolean
Delete privilege	876	2/ABT_BOOL	Boolean
Derived	144	2/ABT_BOOL	Boolean
Derived attribute	275	2/ABT_BOOL	Boolean
Description 1	650	256/ABT_MULTILINE	N-liner
Description 1	916	512/ABT_MULTILINE	N-liner
Description 10	708	256/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Description 2	651	256/ABT_MULTILINE	N-liner
Description 2	919	512/ABT_MULTILINE	N-liner
Description 3	652	256/ABT_MULTILINE	N-liner
Description 3	922	512/ABT_MULTILINE	N-liner
Description 4	653	256/ABT_MULTILINE	N-liner
Description 4	925	512/ABT_MULTILINE	N-liner
Description 5	654	256/ABT_MULTILINE	N-liner
Description 6	655	256/ABT_MULTILINE	N-liner
Description 7	705	256/ABT_MULTILINE	N-liner
Description 8	706	256/ABT_MULTILINE	N-liner
Description 9	707	256/ABT_MULTILINE	N-liner
Description of attribute derivation	324	400/ABT_SINGLELINE	One-liner
Description of buildtime EPC	681	20/ABT_INTEGER	Integer
Description of runtime EPC	682	20/ABT_INTEGER	Integer
Description/Definition	9	10000000/ABT_MULTILINE	N-liner
Descriptive text	800	80/ABT_MULTILINE	N-liner
Desired degree of coverage	1185	3/ABT_RANGEINTEGER	Integer domain
Desired end after instance creation	714	20/ABT_TIMESPAN	Duration
Desired end time	729	20/ABT_TIMESTAMP	Point in time
Desired processing time	723	20/ABT_TIMESPAN	Duration
Desired start after instance creation	711	20/ABT_TIMESPAN	Duration
Desired start time	726	20/ABT_TIMESTAMP	Point in time
Desired total time	717	20/ABT_TIMESPAN	Duration
Desktop integration	458	2/ABT_SINGLELINE	One-liner
Development costs	117	20/ABT_COMBINED	Combined
Development costs (estimated)	118	20/ABT_COMBINED	Combined
Development effort	111	10/ABT_COMBINED	Combined
Development effort (estimated)	112	10/ABT_COMBINED	Combined
Diagrams	1610	10000000/ABT_MULTILINE	N-liner
Digit	954	30/ABT_MULTILINE	N-liner
Direction	1611	50/ABT_VALUE	Value
Direction	983	20/ABT_VALUE	Value
Direction of planning	466	20/ABT_VALUE	Value
Disabled	1534	2/ABT_BOOL	Boolean
Discriminator	1673	32000/ABT_SINGLELINE	One-liner
Disjoint	145	2/ABT_BOOL	Boolean
Display	3295	255/ABT_SINGLELINE	One-liner
Distinguished name	1578	550/ABT_SINGLELINE	One-liner
Distribution	1141	80/ABT_LONGTEXT	Longtext
Distribution according to cost driver	829	2/ABT_BOOL	Boolean
Distribution list	745	10000000/ABT_MULTILINE	N-liner
Do	1190	100/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Do/activity	209	300/ABT_MULTILINE	N-liner
Document handling in loops	703	20/ABT_VALUE	Value
Domain type	123	512/ABT_VALUE	Value
DrawLines	1445	2/ABT_BOOL	Boolean
Due date of fixed costs	412	20/ABT_VALUE	Value
Dunning period	512	40/ABT_MULTILINE	N-liner
Duration	1542	20/ABT_RANGEINTEGER	Integer domain
Duration of damage effect	1631	50/ABT_TIMESPAN	Duration
Duration of interruption	891	20/ABT_TIMESPAN	Duration
Dynamic arguments	1693	10000000/ABT_MULTILINE	N-liner
Dynamic arguments language	1694	500/ABT_SINGLELINE	One-liner
Dynamic wait time sum	1114	30/ABT_TIMESPAN	Duration
E-mail address	509	512/ABT_SINGLELINE	One-liner
Earliest date of occurrence	1630	50/ABT_DATE	Date
Earliest end after instance creation	713	20/ABT_TIMESPAN	Duration
Earliest end date	394	20/ABT_DATE	Date
Earliest end time	728	20/ABT_TIMESTAMP	Point in time
Earliest start after instance creation	710	20/ABT_TIMESPAN	Duration
Earliest start date	392	20/ABT_DATE	Date
Earliest start time	725	20/ABT_TIMESTAMP	Point in time
Early warning indicators	1639	1000/ABT_MULTILINE	N-liner
eERM modeling convention	3347	20/ABT_VALUE	Value
Employee	254	100/ABT_SINGLELINE	One-liner
Employee council name	842	512/ABT_SINGLELINE	One-liner
Employee council number	841	2/ABT_INTEGER	Integer
Enable instance compensation	2387	2/ABT_BOOL	Boolean
Encoded	1587	2/ABT_BOOL	Boolean
Encoding	1474	20/ABT_MULTILINE	N-liner
End after instance creation	844	20/ABT_MULTILINE	N-liner
End date	1424	20/ABT_DATE	Date
End date	1432	20/ABT_DATE	Date
End date	370	20/ABT_DATE	Date
End of complaint	887	20/ABT_TIMESTAMP	Point in time
End of compression	662	20/ABT_TIMESTAMP	Point in time
End of interruption	889	20/ABT_TIMESTAMP	Point in time
End step	694	2/ABT_BOOL	Boolean
End time	364	20/ABT_TIMESTAMP	Point in time
End time after instance creation	896	20/ABT_TIMESPAN	Duration
Entry	1189	100/ABT_MULTILINE	N-liner
Entry/action	210	300/ABT_MULTILINE	N-liner
Error code	2145	256/ABT_SINGLELINE	One-liner
Error message on non-compliance	634	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Estimated duration	368	20/ABT_COMBINED	Combined
Evaluate condition immediately	699	2/ABT_BOOL	Boolean
Evaluation time	635	20/ABT_TIMESTAMP	Point in time
Event	206	300/ABT_MULTILINE	N-liner
Event	1196	100/ABT_MULTILINE	N-liner
Event/action	212	300/ABT_MULTILINE	N-liner
Exceptions	1526	32000/ABT_MULTILINE	N-liner
Execution sequence	1278	4/ABT_INTEGER	Integer
Existence	135	2/ABT_BOOL	Boolean
Exit	1191	100/ABT_MULTILINE	N-liner
Exit possible	689	2/ABT_BOOL	Boolean
Exit/action	211	300/ABT_MULTILINE	N-liner
Expense	72	20/ABT_COMBINED	Combined
Expiration	3368	20/ABT_TIMESPAN	Duration
Expired	1017	2/ABT_BOOL	Boolean
Expression language	2386	500/ABT_SINGLELINE	One-liner
Extension XML	2400	500/ABT_SINGLELINE	One-liner
External	17	2/ABT_BOOL	Boolean
External documents	619	10000000/ABT_MULTILINE	N-liner
External entity 1	1482	512/ABT_MULTILINE	N-liner
External entity 2	1483	512/ABT_MULTILINE	N-liner
External entity 3	1484	512/ABT_MULTILINE	N-liner
External entity 4	1485	512/ABT_MULTILINE	N-liner
External entity 5	1486	512/ABT_MULTILINE	N-liner
Factor	785	4/ABT_INTEGER	Integer
Fax number	246	512/ABT_MULTILINE	N-liner
Federal government	957	20/ABT_COMBINED	Combined
Federal land	958	20/ABT_COMBINED	Combined
Field type	1591	100/ABT_VALUE	Value
Field type	1590	100/ABT_VALUE	Value
Field type	1586	100/ABT_VALUE	Value
Finishes	2123	2/ABT_BOOL	Boolean
First name	1243	64/ABT_MULTILINE	N-liner
Fixed costs per operation	413	20/ABT_FLOAT	Floating point number
Fixed date	396	20/ABT_DATE	Date
Fixed planned operation costs	440	20/ABT_FLOAT	Floating point number
Folder rule test	736	2024/ABT_MULTILINE	N-liner
Font	795	50/ABT_SINGLELINE	One-liner
Font color	796	50/ABT_SINGLELINE	One-liner
Font format management	1004	2/ABT_BOOL	Boolean
Font size	881	2/ABT_INTEGER	Integer
FontName	1448	256/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
FontSize	1449	5/ABT_MULTILINE	N-liner
Format	250	40/ABT_INTEGER	Integer
Forwarding allowed	1251	2/ABT_BOOL	Boolean
Frame width	781	4/ABT_INTEGER	Integer
Free market	960	20/ABT_COMBINED	Combined
Free search access	1266	2/ABT_BOOL	Boolean
Frequency of execution	106	12/ABT_INTEGER	Integer
Frequency per time period	310	100/ABT_INTEGER	Integer
Frequency per time period	202	20/ABT_INTEGER	Integer
Frequency per time unit	301	100/ABT_INTEGER	Integer
Frequency, annually	21	12/ABT_INTEGER	Integer
Frequency, daily	20	12/ABT_INTEGER	Integer
Frequency, monthly	19	12/ABT_INTEGER	Integer
Frequency, weekly	22	12/ABT_INTEGER	Integer
Friendship	1510	2/ABT_BOOL	Boolean
Friendship (Src)	1520	2/ABT_BOOL	Boolean
Friendship (Trg)	1521	2/ABT_BOOL	Boolean
From	2151	1000/ABT_SINGLELINE	One-liner
From	3322	256/ABT_SINGLELINE	One-liner
From expression	2403	500/ABT_SINGLELINE	One-liner
From literal	2404	500/ABT_SINGLELINE	One-liner
Fulfillment of the critical factors	2135	32/ABT_RANGEINTEGER	Integer domain
Full name	28	255/ABT_MULTILINE	N-liner
Full name	1007	100/ABT_MULTILINE	N-liner
Function type number	756	1/ABT_INTEGER	Integer
Future significance	1186	20/ABT_VALUE	Value
Gateway type	2147	64/ABT_VALUE	Value
Hazard class	281	100/ABT_SINGLELINE	One-liner
Head of cost center	330	22/ABT_MULTILINE	N-liner
Heading 1	15	200/ABT_MULTILINE	N-liner
Heading 2	13	200/ABT_MULTILINE	N-liner
Height	784	4/ABT_FLOAT	Floating point number
Hierarchy number	1390	10/ABT_MULTILINE	N-liner
History	1472	10000000/ABT_MULTILINE	N-liner
Home directory	732	128/ABT_MULTILINE	N-liner
Home page	965	256/ABT_SINGLELINE	One-liner
Horizontal	1446	2/ABT_BOOL	Boolean
Hyperlink	1589	512/ABT_SINGLELINE	One-liner
Icon	2230	10000000/ABT_MULTILINE	N-liner
ID	2121	255/ABT_SINGLELINE	One-liner
Identifier	55	32/ABT_SINGLELINE	One-liner
Identifying	151	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Ignore	1506	2/ABT_BOOL	Boolean
Implementation	3398	50/ABT_VALUE	Value
Import location	2458	500/ABT_SINGLELINE	One-liner
Imported	2407	2/ABT_BOOL	Boolean
Improvement potential	1427	10000000/ABT_MULTILINE	N-liner
In use since	129	12/ABT_DATE	Date
Incoming condition	2379	1000/ABT_MULTILINE	N-liner
Index 1	915	12/ABT_FLOAT	Floating point number
Index 2	918	12/ABT_FLOAT	Floating point number
Index 3	921	12/ABT_FLOAT	Floating point number
Index 4	924	12/ABT_FLOAT	Floating point number
Index unit 1	914	50/ABT_SINGLELINE	One-liner
Index unit 2	917	50/ABT_SINGLELINE	One-liner
Index unit 3	920	50/ABT_SINGLELINE	One-liner
Index unit 4	923	50/ABT_SINGLELINE	One-liner
Indicator type	1382	20/ABT_VALUE	Value
Individual access privileges	1241	2/ABT_BOOL	Boolean
Initial value	973	256/ABT_MULTILINE	N-liner
Initial value language	1703	500/ABT_SINGLELINE	One-liner
Initial wait time	666	20/ABT_COMBINED	Combined
Initiate	2392	2/ABT_BOOL	Boolean
Initiative status	2119	75/ABT_VALUE	Value
Input (facts)	3318	1000/ABT_MULTILINE	N-liner
Input map	2157	5000/ABT_MULTILINE	N-liner
Instance creation time	639	20/ABT_TIMESTAMP	Point in time
Instance value	495	80/ABT_MULTILINE	N-liner
Instantiate	2171	2/ABT_BOOL	Boolean
Integrity conditions	273	100/ABT_MULTILINE	N-liner
Interface	3400	81/ABT_MULTILINE	N-liner
Interface implementation	1538	10000000/ABT_MULTILINE	N-liner
Internal	24	2/ABT_BOOL	Boolean
Internal entity 1	1476	512/ABT_MULTILINE	N-liner
Internal entity 2	1477	512/ABT_MULTILINE	N-liner
Internal entity 3	1478	512/ABT_MULTILINE	N-liner
Internal entity 4	1479	512/ABT_MULTILINE	N-liner
Internal entity 5	1480	512/ABT_MULTILINE	N-liner
Internal process (actual)	542	20/ABT_FLOAT	Floating point number
Internal process (target)	543	20/ABT_FLOAT	Floating point number
Interruptable	1297	2/ABT_BOOL	Boolean
Interruption time sum	1306	20/ABT_TIMESPAN	Duration
Interval duration	1140	30/ABT_TIMESPAN	Duration
Invariances	1601	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Inventory number	315	100/ABT_SINGLELINE	One-liner
Inventory number	227	100/ABT_SINGLELINE	One-liner
Is of partner link type	2398	500/ABT_SINGLELINE	One-liner
Is preset	669	2/ABT_BOOL	Boolean
Is read	670	2/ABT_BOOL	Boolean
IsAbstract	970	2/ABT_BOOL	Boolean
IsActive	1646	2/ABT_BOOL	Boolean
IsAsynchronous	1684	2/ABT_BOOL	Boolean
IsBinary	2084	2/ABT_BOOL	Boolean
IsChangeable (Src)	1015	2/ABT_BOOL	Boolean
IsChangeable (Trg)	1010	2/ABT_BOOL	Boolean
IsConcurrent	1678	2/ABT_BOOL	Boolean
IsDynamic	1695	2/ABT_BOOL	Boolean
IsInstantiable	1674	2/ABT_BOOL	Boolean
IsLeaf	969	2/ABT_BOOL	Boolean
IsMultipleTrigger	1198	2/ABT_BOOL	Boolean
IsNavigable (Src)	1012	2/ABT_BOOL	Boolean
IsNavigable (Trg)	978	2/ABT_BOOL	Boolean
ISO 9000 relevant	255	2/ABT_BOOL	Boolean
IsOrdered (Src)	1014	2/ABT_BOOL	Boolean
IsOrdered (Trg)	980	2/ABT_BOOL	Boolean
IsPersistent	1645	2/ABT_BOOL	Boolean
IsPolymorphic	974	2/ABT_BOOL	Boolean
IsQuery	975	2/ABT_BOOL	Boolean
IsRoot	968	2/ABT_BOOL	Boolean
IsSpecification	1650	2/ABT_BOOL	Boolean
IsStatic	1536	2/ABT_BOOL	Boolean
IsSynch	1679	2/ABT_BOOL	Boolean
IsTypeScope	982	2/ABT_BOOL	Boolean
IsVolatile	1537	2/ABT_BOOL	Boolean
Join condition	2383	1000/ABT_SINGLELINE	One-liner
Keyword	76	80/ABT_MULTILINE	N-liner
Kind of copy	3282	10/ABT_VALUE	Value
Knowledge advantage	1183	3/ABT_RANGEINTEGER	Integer domain
Knowledge usage	1184	3/ABT_RANGEINTEGER	Integer domain
KPI evaluation	1499	512/ABT_VALUE	Value
Language	1616	500/ABT_SINGLELINE	One-liner
Language	1242	3/ABT_MULTILINE	N-liner
Languages	379	500/ABT_MULTILINE	N-liner
Last change	1175	20/ABT_TIMESTAMP	Point in time
Last change (transformation)	3372	20/ABT_TIMESTAMP	Point in time
Last change (Workflow)	660	32/ABT_TIMESTAMP	Point in time

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Last change in R/3 release	1239	4/ABT_MULTILINE	N-liner
Last evaluation	1563	20/ABT_TIMESTAMP	Point in time
Last modification date	583	20/ABT_TIMESTAMP	Point in time
Last status (CMA)	1430	20/ABT_VALUE	Value
Last user	1290	100/ABT_MULTILINE	N-liner
Latest end after instance creation	715	20/ABT_TIMESPAN	Duration
Latest end date	395	20/ABT_DATE	Date
Latest end time	730	20/ABT_TIMESTAMP	Point in time
Latest start after instance creation	712	20/ABT_TIMESPAN	Duration
Latest start date	393	20/ABT_DATE	Date
Latest start time	727	20/ABT_TIMESTAMP	Point in time
LDAP backup server 1	1580	250/ABT_SINGLELINE	One-liner
LDAP backup server 2	1581	250/ABT_SINGLELINE	One-liner
LDAP login	1619	2/ABT_BOOL	Boolean
LDAP login server URL	1579	250/ABT_SINGLELINE	One-liner
LDAP user group IDs	3162	10000000/ABT_MULTILINE	N-liner
LDAP user ID	3161	255/ABT_MULTILINE	N-liner
Left margin	777	2/ABT_BOOL	Boolean
LeftMargin	1440	10/ABT_INTEGER	Integer
Length	213	100/ABT_INTEGER	Integer
Length	29	10/ABT_INTEGER	Integer
Length of entry field	868	3/ABT_INTEGER	Integer
License number	216	100/ABT_SINGLELINE	One-liner
Line position	138	2/ABT_BOOL	Boolean
Lines	1593	2/ABT_BOOL	Boolean
Lines at roots	1594	2/ABT_BOOL	Boolean
Link 1	152	512/ABT_FILE	Link/File
Link 2	153	512/ABT_FILE	Link/File
Link 3	154	512/ABT_FILE	Link/File
Link 4	872	512/ABT_FILE	Link/File
Link ID	2143	256/ABT_SINGLELINE	One-liner
LNC Link1	1225	1000/ABT_MULTILINE	N-liner
LNC Title1	1224	100/ABT_MULTILINE	N-liner
Local control code	753	300/ABT_MULTILINE	N-liner
Location	1644	10000000/ABT_MULTILINE	N-liner
Location type	91	512/ABT_VALUE	Value
Logo	1293	0/ABT_BITMAP	Bitmap
Loop condition	2164	1000/ABT_SINGLELINE	One-liner
Loop flow condition	2168	32/ABT_VALUE	Value
Loop type	2163	50/ABT_VALUE	Value
Lower limit	1361	20/ABT_FLOAT	Floating point number
Mandatory	701	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Manually	83	2/ABT_BOOL	Boolean
Manufacturer	314	100/ABT_SINGLELINE	One-liner
Manufacturer	23	50/ABT_SINGLELINE	One-liner
Mapping	1651	500000/ABT_MULTILINE	N-liner
Mapping language	1704	500/ABT_SINGLELINE	One-liner
Material number	280	100/ABT_SINGLELINE	One-liner
Material type	285	512/ABT_VALUE	Value
Matrix column title	1620	81/ABT_SINGLELINE	One-liner
Matrix modeler	1617	0/ABT_BLOB	BLOB
Matrix row title	1621	81/ABT_SINGLELINE	One-liner
Max. costs for depreciation/repair/maintenance	180	20/ABT_COMBINED	Combined
Max. energy costs	179	20/ABT_COMBINED	Combined
Max. imputed interest	181	20/ABT_COMBINED	Combined
Max. material costs	176	20/ABT_COMBINED	Combined
Max. number	32	10/ABT_INTEGER	Integer
Max. operating supplies costs	178	20/ABT_COMBINED	Combined
Max. orientation time	533	20/ABT_COMBINED	Combined
Max. orientation time	193	20/ABT_COMBINED	Combined
Max. other costs	175	20/ABT_COMBINED	Combined
Max. personnel costs	177	20/ABT_COMBINED	Combined
Max. processing time	527	20/ABT_COMBINED	Combined
Max. processing time	194	20/ABT_COMBINED	Combined
Max. throughput time	195	20/ABT_COMBINED	Combined
Max. throughput time	1463	20/ABT_COMBINED	Combined
Max. total costs	183	20/ABT_COMBINED	Combined
Max. total time	648	20/ABT_COMBINED	Combined
Max. transmission time	198	20/ABT_COMBINED	Combined
Max. various overhead costs	182	20/ABT_COMBINED	Combined
Max. wait time	530	20/ABT_COMBINED	Combined
Max. wait time	192	20/ABT_COMBINED	Combined
Maximum	2165	20/ABT_INTEGER	Integer
Maximum amount of damages	1551	20/ABT_COMBINED	Combined
Maximum capacity	1128	10/ABT_INTEGER	Integer
Maximum initial wait time	644	20/ABT_COMBINED	Combined
Maximum processing time	724	20/ABT_TIMESPAN	Duration
Maximum reduced relative probability	1638	20/ABT_RANGEFLOAT	Floating point number domain
Maximum relative probability	1635	20/ABT_RANGEFLOAT	Floating point number domain
Maximum total time	718	20/ABT_TIMESPAN	Duration
Maximum value	1372	20/ABT_FLOAT	Floating point number
Maximum wait time after start	719	20/ABT_TIMESPAN	Duration
Mean orientation time	534	20/ABT_COMBINED	Combined

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Mean processing time	528	20/ABT_COMBINED	Combined
Measure	1425	10000000/ABT_MULTILINE	N-liner
Measurement unit	299	512/ABT_VALUE	Value
Measurement unit (CDU)	566	20/ABT_SINGLELINE	One-liner
Measurement unit of costs	398	512/ABT_VALUE	Value
Measurement unit of costs	294	512/ABT_VALUE	Value
Measurement unit of costs (CD)	569	20/ABT_SINGLELINE	One-liner
Measurement unit of duration	426	20/ABT_VALUE	Value
Measurement unit of production quantity	306	100/ABT_SINGLELINE	One-liner
Measurement unit of work	424	512/ABT_VALUE	Value
Message	2138	256/ABT_SINGLELINE	One-liner
Message number	1194	100/ABT_MULTILINE	N-liner
Message on error	735	2/ABT_BOOL	Boolean
Method changes	1005	2/ABT_BOOL	Boolean
Milestone	1248	2/ABT_BOOL	Boolean
Milestone ID	467	2/ABT_BOOL	Boolean
Min. costs for depreciation/repair/maintenance	171	20/ABT_COMBINED	Combined
Min. energy costs	170	20/ABT_COMBINED	Combined
Min. imputed interest	172	20/ABT_COMBINED	Combined
Min. material costs	167	20/ABT_COMBINED	Combined
Min. number	31	10/ABT_INTEGER	Integer
Min. operating supplies costs	169	20/ABT_COMBINED	Combined
Min. orientation time	532	20/ABT_COMBINED	Combined
Min. orientation time	189	20/ABT_COMBINED	Combined
Min. other costs	166	20/ABT_COMBINED	Combined
Min. personnel costs	168	20/ABT_COMBINED	Combined
Min. processing time	190	20/ABT_COMBINED	Combined
Min. processing time	526	20/ABT_COMBINED	Combined
Min. throughput time	191	20/ABT_COMBINED	Combined
Min. throughput time	1461	20/ABT_COMBINED	Combined
Min. total costs	174	20/ABT_COMBINED	Combined
Min. total time	646	20/ABT_COMBINED	Combined
Min. transmission time	197	20/ABT_COMBINED	Combined
Min. various overhead costs	173	20/ABT_COMBINED	Combined
Min. wait time	188	20/ABT_COMBINED	Combined
Min. wait time	529	20/ABT_COMBINED	Combined
Minimum amount of damages	1553	20/ABT_COMBINED	Combined
Minimum capacity	1129	10/ABT_INTEGER	Integer
Minimum initial wait time	642	20/ABT_COMBINED	Combined
Minimum processing time	720	20/ABT_TIMESPAN	Duration

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Minimum reduced relative probability	1636	20/ABT_RANGEFLOAT	Floating point number domain
Minimum relative probability	1634	20/ABT_RANGEFLOAT	Floating point number domain
Minimum total time	716	20/ABT_TIMESPAN	Duration
Minimum value	1373	20/ABT_FLOAT	Floating point number
Miscellaneous requirements	1608	10000000/ABT_MULTILINE	N-liner
Model	30	10/ABT_SINGLELINE	One-liner
Model	313	100/ABT_SINGLELINE	One-liner
Model attribute number	1387	10/ABT_INTEGER	Integer
Model status	3283	12/ABT_VALUE	Value
Modification mode	525	20/ABT_VALUE	Value
Modify	910	2/ABT_BOOL	Boolean
Module code	1364	20/ABT_VALUE	Value
Most important competitor	544	20/ABT_FLOAT	Floating point number
Multiple procedures	1264	30/ABT_VALUE	Value
Multiple value tag	274	100/ABT_VALUE	Value
Multiplicity	141	20/ABT_VALUE	Value
Multiplicity	1615	500/ABT_SINGLELINE	One-liner
Multiplicity (Src)	1013	6/ABT_SINGLELINE	One-liner
Multiplicity (Trg)	998	6/ABT_SINGLELINE	One-liner
Must	2122	2/ABT_BOOL	Boolean
Must be signed	849	2/ABT_BOOL	Boolean
Mutually exclusive damages	1629	2/ABT_BOOL	Boolean
Name	1	81/ABT_MULTILINE	N-liner
Name	1000	81/ABT_MULTILINE	N-liner
Name (full)	3120	20000/ABT_MULTILINE	N-liner
Name (passive)	279	56/ABT_MULTILINE	N-liner
Name direction	1528	100/ABT_SINGLELINE	One-liner
Name ext. system (alias)	271	33/ABT_SINGLELINE	One-liner
Navigators	1444	2/ABT_BOOL	Boolean
Nesting depth	696	4/ABT_INTEGER	Integer
Network access procedure	240	512/ABT_VALUE	Value
Network extension	237	512/ABT_VALUE	Value
Network topology	239	512/ABT_VALUE	Value
Network topology	233	512/ABT_VALUE	Value
Network typification	238	512/ABT_VALUE	Value
No. of occurrences - avg.	50	12/ABT_INTEGER	Integer
No. of occurrences - max.	48	12/ABT_INTEGER	Integer
No. of occurrences - min.	49	12/ABT_INTEGER	Integer
No. of occurrences - trend	51	60/ABT_SINGLELINE	One-liner
Non-functional requirements	1602	10000000/ABT_MULTILINE	N-liner
NOT NULL	225	2/ABT_BOOL	Boolean
Notation	1503	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Notation 1	1494	512/ABT_MULTILINE	N-liner
Notation 2	1495	512/ABT_MULTILINE	N-liner
Notation 3	1496	512/ABT_MULTILINE	N-liner
Notation 4	1497	512/ABT_MULTILINE	N-liner
Notation 5	1498	512/ABT_MULTILINE	N-liner
Notification/Reminder	3294	255/ABT_SINGLELINE	One-liner
Number 1	429	20/ABT_INTEGER	Integer
Number 2	436	20/ABT_INTEGER	Integer
Number 3	437	20/ABT_INTEGER	Integer
Number of channels	235	10/ABT_INTEGER	Integer
Number of compressed models	659	8/ABT_INTEGER	Integer
Number of compressed object definitions	505	10/ABT_INTEGER	Integer
Number of employees	3	10/ABT_RANGEINTEGER	Integer domain
Number of events not yet evaluated	750	10/ABT_INTEGER	Integer
Number of false events	749	10/ABT_INTEGER	Integer
Number of function executions	1135	5/ABT_INTEGER	Integer
Number of interruptions while orienting	1300	8/ABT_INTEGER	Integer
Number of interruptions while processing	1301	8/ABT_INTEGER	Integer
Number of lines	870	2/ABT_INTEGER	Integer
Number of process instances	1142	10/ABT_INTEGER	Integer
Number of required employees	580	20/ABT_INTEGER	Integer
Number of synchronizations	2073	20/ABT_INTEGER	Integer
Number of true events	748	10/ABT_INTEGER	Integer
O category name	833	512/ABT_SINGLELINE	One-liner
O category number	832	2/ABT_INTEGER	Integer
O competitive situation name	835	512/ABT_SINGLELINE	One-liner
O competitive situation number	834	2/ABT_INTEGER	Integer
O equipment name	839	512/ABT_SINGLELINE	One-liner
O equipment number	838	2/ABT_INTEGER	Integer
O location name	837	512/ABT_SINGLELINE	One-liner
O location number	836	2/ABT_INTEGER	Integer
O size	840	2/ABT_INTEGER	Integer
Object access ID	668	1024/ABT_MULTILINE	N-liner
Occurrence frequency	1626	50/ABT_VALUE	Value
Occurrence frequency of the average amount of damages	1555	20/ABT_FLOAT	Floating point number
Occurrence frequency of the maximum amount of damages	1554	20/ABT_FLOAT	Floating point number
Occurrence frequency of the minimum amount of damages	1556	20/ABT_FLOAT	Floating point number
OID	1535	200/ABT_SINGLELINE	One-liner
Online central	77	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Online decentralized	80	2/ABT_BOOL	Boolean
Only direct data visible	906	2/ABT_BOOL	Boolean
Opaque	2401	2/ABT_BOOL	Boolean
Operand	1160	80/ABT_MULTILINE	N-liner
Operand (logical)	1161	2/ABT_BOOL	Boolean
Operand (numeric)	1162	50/ABT_LONGTEXT	Longtext
Operand position	517	20/ABT_INTEGER	Integer
Operating resource number	296	100/ABT_SINGLELINE	One-liner
Operating system	10	30/ABT_SINGLELINE	One-liner
Operation	1195	100/ABT_MULTILINE	N-liner
Operation	3401	81/ABT_MULTILINE	N-liner
Operation work	435	20/ABT_FLOAT	Floating point number
Operations	208	300/ABT_MULTILINE	N-liner
Operator	1159	2/ABT_VALUE	Value
Operator type	47	512/ABT_VALUE	Value
Optional attribute	37	2/ABT_BOOL	Boolean
Order processing	962	20/ABT_VALUE	Value
Ordered	143	60/ABT_SINGLELINE	One-liner
Ordinal	869	4/ABT_INTEGER	Integer
Ordinal number	1618	50/ABT_INTEGER	Integer
Organization	616	500/ABT_MULTILINE	N-liner
Organizational unit	1583	250/ABT_SINGLELINE	One-liner
Orientation (always)	578	2/ABT_BOOL	Boolean
Orientation necessary	3375	50/ABT_VALUE	Value
Orientation time	1111	50/ABT_LONGTEXT	Longtext
Orientation time	367	20/ABT_COMBINED	Combined
Orientation time sum	1115	30/ABT_TIMESPAN	Duration
Origin	3285	500/ABT_SINGLELINE	One-liner
Original name	2108	255/ABT_MULTILINE	N-liner
Other	961	20/ABT_COMBINED	Combined
Other applicable documents	618	1000000/ABT_MULTILINE	N-liner
Outcome	3370	1000/ABT_SINGLELINE	One-liner
Outgoing condition	2380	1000/ABT_MULTILINE	N-liner
Output (watch)	3319	1000/ABT_MULTILINE	N-liner
Output map	2158	5000/ABT_MULTILINE	N-liner
Overlap time	492	20/ABT_COMBINED	Combined
Overtime cost rate	486	20/ABT_FLOAT	Floating point number
Owner	3289	255/ABT_SINGLELINE	One-liner
Packaging instruction/rule	287	100/ABT_SINGLELINE	One-liner
Packaging material number	286	100/ABT_SINGLELINE	One-liner
Packaging type	289	512/ABT_VALUE	Value
Page flow	3299	255/ABT_SINGLELINE	One-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Parallel instance generation	2167	2/ABT_BOOL	Boolean
Parameter	519	10000000/ABT_MULTILINE	N-liner
Parameter 1	938	260/ABT_MULTILINE	N-liner
Parameter 2	939	260/ABT_MULTILINE	N-liner
Parameter 3	940	260/ABT_MULTILINE	N-liner
Parameter 4	941	260/ABT_MULTILINE	N-liner
Parameter entity 1	1488	512/ABT_MULTILINE	N-liner
Parameter entity 2	1489	512/ABT_MULTILINE	N-liner
Parameter entity 3	1490	512/ABT_MULTILINE	N-liner
Parameter entity 4	1491	512/ABT_MULTILINE	N-liner
Parameter entity 5	1492	512/ABT_MULTILINE	N-liner
Parameter key	1408	10000000/ABT_MULTILINE	N-liner
Parameter list	508	2048/ABT_MULTILINE	N-liner
Parameter list	75	128/ABT_MULTILINE	N-liner
Participant	3399	81/ABT_MULTILINE	N-liner
Path condition	2189	255/ABT_SINGLELINE	One-liner
Pattern	2393	6/ABT_VALUE	Value
Performance scale	474	20/ABT_SINGLELINE	One-liner
Period	1146	30/ABT_TIMESPAN	Duration
Period of review	1627	100/ABT_COMBINED	Combined
Period of time	203	60/ABT_COMBINED	Combined
Period of time	307	100/ABT_COMBINED	Combined
Period of time	311	100/ABT_COMBINED	Combined
Period of time	302	100/ABT_COMBINED	Combined
Person responsible	1584	250/ABT_SINGLELINE	One-liner
Person status	510	20/ABT_VALUE	Value
Picture	966	256/ABT_FILE	Link/File
PIP standard processing time [min]	847	6/ABT_INTEGER	Integer
Plan duration	1148	30/ABT_TIMESPAN	Duration
Plan start	1147	30/ABT_TIMESTAMP	Point in time
Plan value	1374	20/ABT_FLOAT	Floating point number
Planning constraint	418	512/ABT_VALUE	Value
Planning status	468	2/ABT_VALUE	Value
Pool type	2220	50/ABT_VALUE	Value
Position	1247	15/ABT_VALUE	Value
Position	214	15/ABT_INTEGER	Integer
PPM query	1577	10000000/ABT_MULTILINE	N-liner
Prefix management	1179	2/ABT_BOOL	Boolean
Previous object	629	8/ABT_INTEGER	Integer
Previous user	630	8/ABT_INTEGER	Integer
Price	963	20/ABT_COMBINED	Combined
Primary affiliation	1277	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Primary quantity	251	100/ABT_MULTILINE	N-liner
PrintBold	1450	5/ABT_MULTILINE	N-liner
PrintItalic	1451	5/ABT_MULTILINE	N-liner
Priority	3290	15/ABT_VALUE	Value
Priority	419	512/ABT_VALUE	Value
Priority	631	8/ABT_INTEGER	Integer
Priority	1423	2/ABT_RANGEINTEGER	Integer domain
Priority	1119	2/ABT_INTEGER	Integer
Priority change allowed	1249	2/ABT_BOOL	Boolean
Privileges can be changed by creator	1274	2/ABT_BOOL	Boolean
Privileges can be changed by current user	1273	2/ABT_BOOL	Boolean
Probability	199	20/ABT_RANGEFLOAT	Floating point number domain
Process	2156	1000/ABT_SINGLELINE	One-liner
Process category	1572	512/ABT_VALUE	Value
Process description	1603	10000000/ABT_MULTILINE	N-liner
Process folders discarded	3377	10/ABT_RANGEINTEGER	Integer domain
Process folders in dynamic wait state	625	4/ABT_INTEGER	Integer
Process folders in orientation	626	4/ABT_INTEGER	Integer
Process folders in process	623	4/ABT_INTEGER	Integer
Process folders in static wait state	624	4/ABT_INTEGER	Integer
Process folders processed	1117	5/ABT_INTEGER	Integer
Process folders received	1121	5/ABT_INTEGER	Integer
Process folders received	3378	10/ABT_RANGEINTEGER	Integer domain
Process folders waiting	3376	10/ABT_RANGEINTEGER	Integer domain
Process instantiations	1120	5/ABT_INTEGER	Integer
Process manager	657	80/ABT_MULTILINE	N-liner
Process performance	2134	32/ABT_RANGEINTEGER	Integer domain
Process priority	656	8/ABT_INTEGER	Integer
Process reference	2155	1000/ABT_SINGLELINE	One-liner
Process successor immediately	514	2/ABT_BOOL	Boolean
Process type	1261	10/ABT_VALUE	Value
Processes to be processed	1299	8/ABT_RANGEINTEGER	Integer domain
Processing code	7	30/ABT_SINGLELINE	One-liner
Processing time	1112	70/ABT_LONGTEXT	Longtext
Processing time	846	20/ABT_MULTILINE	N-liner
Processing time	365	20/ABT_COMBINED	Combined
Processing time sum	1116	30/ABT_TIMESPAN	Duration
Product quantity	964	10/ABT_INTEGER	Integer
Production quantity	305	100/ABT_SINGLELINE	One-liner
Project description	1222	1032/ABT_MULTILINE	N-liner
Project manager	463	49/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Project name	1221	256/ABT_MULTILINE	N-liner
Project type	465	49/ABT_MULTILINE	N-liner
Protocol	1524	32000/ABT_SINGLELINE	One-liner
Protocol layer	241	512/ABT_VALUE	Value
Provision time	640	20/ABT_TIMESTAMP	Point in time
Pseudostate kind	1675	50/ABT_VALUE	Value
Purpose	620	10000000/ABT_MULTILINE	N-liner
Qualification	1525	32000/ABT_SINGLELINE	One-liner
Qualifier	142	20/ABT_SINGLELINE	One-liner
Quality of specialist support	113	512/ABT_VALUE	Value
Quantity	1203	10/ABT_FLOAT	Floating point number
Query expression	2402	500/ABT_SINGLELINE	One-liner
Query language	2385	500/ABT_SINGLELINE	One-liner
Read	908	2/ABT_BOOL	Boolean
Read privilege	873	2/ABT_BOOL	Boolean
Realized from	127	12/ABT_DATE	Date
Realized until	128	12/ABT_DATE	Date
Receiver	3321	1000/ABT_SINGLELINE	One-liner
Recipient can be changed on exit	687	2/ABT_BOOL	Boolean
Recipient can be changed on forwarding	695	2/ABT_BOOL	Boolean
Recurrence	1685	10000000/ABT_MULTILINE	N-liner
Recurrence language	1686	500/ABT_SINGLELINE	One-liner
Reduced amount of damages	1640	50/ABT_VALUE	Value
Reduced average amount of damages	1561	20/ABT_COMBINED	Combined
Reduced maximum amount of damages	1562	20/ABT_COMBINED	Combined
Reduced minimum amount of damages	1560	20/ABT_COMBINED	Combined
Reduced occurrence frequency	1641	50/ABT_VALUE	Value
Reduced occurrence frequency of the average amount of damages	1558	20/ABT_FLOAT	Floating point number
Reduced occurrence frequency of the maximum amount of damages	1559	20/ABT_FLOAT	Floating point number
Reduced occurrence frequency of the minimum amount of damages	1557	20/ABT_FLOAT	Floating point number
Reducing the amount of damages in risks	1569	20/ABT_COMBINED	Combined
Reducing the occurrence frequency of risks	1570	20/ABT_FLOAT	Floating point number
Reference code	649	80/ABT_MULTILINE	N-liner
Reference code can be changed	686	2/ABT_BOOL	Boolean
Reference state	1677	1000/ABT_SINGLELINE	One-liner
Reference type	2127	1000/ABT_SINGLELINE	One-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Regulation for variable date calculation	1260	1024/ABT_MULTILINE	N-liner
Relationship category	491	2/ABT_VALUE	Value
Relative cycle start	1144	30/ABT_TIMESPAN	Duration
Relative frequency	1280	20/ABT_RANGEFLOAT	Floating point number domain
Relative interval start	1139	30/ABT_TIMESPAN	Duration
Relative shift start	1157	30/ABT_TIMESPAN	Duration
Release	268	16/ABT_SINGLELINE	One-liner
Release	92	16/ABT_SINGLELINE	One-liner
Released by	611	100/ABT_MULTILINE	N-liner
Released on	610	20/ABT_DATE	Date
Relevance to data protection act	107	2/ABT_BOOL	Boolean
Relevant	2120	2/ABT_BOOL	Boolean
Remark	1429	10000000/ABT_MULTILINE	N-liner
Remark/Example	8	10000000/ABT_MULTILINE	N-liner
Replaces version	386	20/ABT_SINGLELINE	One-liner
Reply to	3325	10000000/ABT_MULTILINE	N-liner
Reported on	1428	20/ABT_DATE	Date
Repository	3315	256/ABT_SINGLELINE	One-liner
Represented by	3280	15/ABT_VALUE	Value
Required capacity	489	20/ABT_FLOAT	Floating point number
Required capacity	1307	8/ABT_RANGEINTEGER	Integer domain
ResCode	483	255/ABT_MULTILINE	N-liner
Resource allocation	1298	20/ABT_VALUE	Value
Responsibility	622	200/ABT_MULTILINE	N-liner
Responsible	1426	20/ABT_SINGLELINE	One-liner
Restricted actions	3293	255/ABT_SINGLELINE	One-liner
Restrictive period	513	40/ABT_MULTILINE	N-liner
Resubmission date	854	22/ABT_TIMESTAMP	Point in time
Resubmission reason	855	2024/ABT_MULTILINE	N-liner
Result	1604	10000000/ABT_MULTILINE	N-liner
Return type	1465	60/ABT_MULTILINE	N-liner
Returning connection	953	2/ABT_BOOL	Boolean
Right margin	778	2/ABT_BOOL	Boolean
RightMargin	1441	10/ABT_INTEGER	Integer
Risk history	2118	10000000/ABT_MULTILINE	N-liner
Risk manager: E-mail address	1575	512/ABT_SINGLELINE	One-liner
Risk manager: Name	1574	81/ABT_MULTILINE	N-liner
Role	731	20/ABT_VALUE	Value
Role	3369	255/ABT_MULTILINE	N-liner
Role binding	1245	2/ABT_BOOL	Boolean
Role type	2399	11/ABT_VALUE	Value
Rule attribute	98	512/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Rule expression	2142	1000/ABT_SINGLELINE	One-liner
Rule name	3397	81/ABT_MULTILINE	N-liner
Rules	3317	256/ABT_SINGLELINE	One-liner
Rules	1605	10000000/ABT_MULTILINE	N-liner
Runtime EPC	679	8/ABT_INTEGER	Integer
Safety class	387	512/ABT_VALUE	Value
Safety class of specimens	276	100/ABT_SINGLELINE	One-liner
Sales product	1669	2/ABT_BOOL	Boolean
Scaling in %	783	4/ABT_INTEGER	Integer
Scheduled from	125	12/ABT_DATE	Date
Scheduled until	126	12/ABT_DATE	Date
Script	1687	10000000/ABT_MULTILINE	N-liner
Script language	1688	500/ABT_SINGLELINE	One-liner
Search privilege for all previous WF users	1272	2/ABT_BOOL	Boolean
Search privilege for creators	1270	2/ABT_BOOL	Boolean
Search privilege for OU of the creator	1271	2/ABT_BOOL	Boolean
Search privilege for OU of the current user	1267	2/ABT_BOOL	Boolean
Search privilege for Pos1 of all superior OU's of the current user	1269	2/ABT_BOOL	Boolean
Search privilege for Pos1 of the OU of the current user	1268	2/ABT_BOOL	Boolean
Secondary key	270	2/ABT_BOOL	Boolean
Secondary quantity	252	100/ABT_MULTILINE	N-liner
Security classification	1223	256/ABT_MULTILINE	N-liner
Security level	2124	10/ABT_VALUE	Value
Semantics	1647	10000000/ABT_MULTILINE	N-liner
Sequence	1500	100/ABT_INTEGER	Integer
Sequence order	2405	100/ABT_INTEGER	Integer
Service name	507	20/ABT_MULTILINE	N-liner
Serviceable life	318	100/ABT_COMBINED	Combined
Services	1606	10000000/ABT_MULTILINE	N-liner
Session mode	1391	30/ABT_VALUE	Value
Shift duration	1158	30/ABT_TIMESPAN	Duration
Short description	593	80/ABT_MULTILINE	N-liner
Short text	799	20/ABT_MULTILINE	N-liner
Show user management	1433	2/ABT_BOOL	Boolean
Significance	540	20/ABT_VALUE	Value
Significance	1181	3/ABT_RANGEINTEGER	Integer domain
Since/on	382	20/ABT_DATE	Date
Size	828	512/ABT_VALUE	Value
Size	1527	32000/ABT_SINGLELINE	One-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Size in KBytes	248	40/ABT_INTEGER	Integer
Skipping allowed	1250	2/ABT_BOOL	Boolean
Sorting sequence	215	512/ABT_VALUE	Value
Source	38	100/ABT_MULTILINE	N-liner
Space	1509	600/ABT_SINGLELINE	One-liner
Specification	1682	1000/ABT_SINGLELINE	One-liner
Specification	278	200/ABT_MULTILINE	N-liner
SQL data type	1971	32/ABT_SINGLELINE	One-liner
SQL name	272	32/ABT_SINGLELINE	One-liner
Staff position	139	2/ABT_BOOL	Boolean
Standard daily working hours	328	10/ABT_FLOAT	Floating point number
Standard weekly working hours	329	10/ABT_FLOAT	Floating point number
Start	1541	20/ABT_DATE	Date
Start after instance creation	843	20/ABT_MULTILINE	N-liner
Start date	369	20/ABT_DATE	Date
Start of complaint	886	20/ABT_TIMESTAMP	Point in time
Start of compression	661	20/ABT_TIMESTAMP	Point in time
Start of interruption	888	20/ABT_TIMESTAMP	Point in time
Start processing immediately	702	2/ABT_BOOL	Boolean
Start step	693	2/ABT_BOOL	Boolean
Start time	363	20/ABT_TIMESTAMP	Point in time
Start time after instance creation	895	20/ABT_TIMESPAN	Duration
Startup capacity	1130	10/ABT_INTEGER	Integer
Static	1523	2/ABT_BOOL	Boolean
Static (Src)	1518	2/ABT_BOOL	Boolean
Static (Trg)	1519	2/ABT_BOOL	Boolean
Static wait time	1110	50/ABT_LONGTEXT	Longtext
Static wait time sum	1113	30/ABT_TIMESPAN	Duration
Status	627	20/ABT_VALUE	Value
Status	499	20/ABT_VALUE	Value
Status	381	512/ABT_VALUE	Value
Status	665	20/ABT_VALUE	Value
Status	511	20/ABT_VALUE	Value
Status (CMA)	1422	20/ABT_VALUE	Value
Status bar	791	100/ABT_SINGLELINE	One-liner
Stereotype	971	256/ABT_MULTILINE	N-liner
Storage group	256	100/ABT_MULTILINE	N-liner
Storage type	97	512/ABT_VALUE	Value
Strategy	2128	1000/ABT_SINGLELINE	One-liner
Strength of influence	1532	20/ABT_RANGEFLOAT	Floating point number domain
Structural change speed	1187	3/ABT_RANGEINTEGER	Integer domain
Subject	493	80/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Subject to management in batches	284	2/ABT_BOOL	Boolean
Subprocess call type	2729	15/ABT_VALUE	Value
Subprocess type	2154	50/ABT_VALUE	Value
Success - Actual	2130	255/ABT_VALUE	Value
Success - Competitor	2132	255/ABT_VALUE	Value
Success - Target	2131	255/ABT_VALUE	Value
Sum of interruption time while orienting	1302	8/ABT_TIMESPAN	Duration
Sum of interruption time while processing	1303	8/ABT_TIMESPAN	Duration
Superior project nodes	2727	1000000/ABT_SINGLELINE	One-liner
Suppress join failure	2384	2/ABT_BOOL	Boolean
Synchronization time	1107	30/ABT_LONGTEXT	Longtext
Synchronization type	1972	20/ABT_VALUE	Value
Synonyms	130	512/ABT_MULTILINE	N-liner
System-external	259	2/ABT_BOOL	Boolean
System-internal	258	2/ABT_BOOL	Boolean
Tabindex	1588	10/ABT_INTEGER	Integer
Tag type	2102	50/ABT_VALUE	Value
Target	1689	10000000/ABT_MULTILINE	N-liner
Target language	1690	500/ABT_SINGLELINE	One-liner
Target scope	1649	50/ABT_VALUE	Value
Target time period	1371	20/ABT_SINGLELINE	One-liner
Target value	1379	20/ABT_FLOAT	Floating point number
Task duration	433	20/ABT_COMBINED	Combined
Task parameters	3288	10000000/ABT_MULTILINE	N-liner
Task type	2170	50/ABT_VALUE	Value
Technical operating supply number	317	100/ABT_SINGLELINE	One-liner
Telephone number	245	512/ABT_MULTILINE	N-liner
Template	733	512/ABT_FILE	Link/File
Template	1389	20/ABT_FOREIGN_ID	External identifier
Template	1454	10/ABT_RANGEINTEGER	Integer domain
Temporary	40	2/ABT_BOOL	Boolean
Terms/ Abbreviations	744	500/ABT_MULTILINE	N-liner
Test before	2166	2/ABT_BOOL	Boolean
Text	54	10000000/ABT_MULTILINE	N-liner
Text 1	441	255/ABT_MULTILINE	N-liner
Text 2	442	255/ABT_MULTILINE	N-liner
Text 3	443	255/ABT_MULTILINE	N-liner
Throughput/avg. access	131	12/ABT_INTEGER	Integer
Time	1531	32/ABT_SINGLELINE	One-liner
Time cycle	2141	10000000/ABT_MULTILINE	N-liner
Time date	2140	256/ABT_TIMESTAMP	Point in time

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Time expression	1700	10000000/ABT_MULTILINE	N-liner
Time expression language	1701	500/ABT_SINGLELINE	One-liner
Time keys	758	2/ABT_BOOL	Boolean
Time last used	636	20/ABT_TIMESTAMP	Point in time
Time limit calculation	1254	256/ABT_MULTILINE	N-liner
Time limit with fixed date calc.	1257	4/ABT_INTEGER	Integer
Time of folder event	637	20/ABT_TIMESTAMP	Point in time
Time of generation	1008	20/ABT_TIMESTAMP	Point in time
Time of last transformation	3284	20/ABT_TIMESTAMP	Point in time
Timestamp	1016	20/ABT_TIMESTAMP	Point in time
Title	3287	10000000/ABT_MULTILINE	N-liner
Title	1244	64/ABT_MULTILINE	N-liner
Title	617	200/ABT_MULTILINE	N-liner
Title 1	942	400/ABT_MULTILINE	N-liner
Title 2	943	400/ABT_MULTILINE	N-liner
Title 3	944	400/ABT_MULTILINE	N-liner
Title 4	945	400/ABT_MULTILINE	N-liner
Title/Name	794	50/ABT_SINGLELINE	One-liner
To	3402	100/ABT_SINGLELINE	One-liner
To be completed by	371	20/ABT_DATE	Date
Tolerance administration	813	3/ABT_INTEGER	Integer
Tolerance control	812	3/ABT_INTEGER	Integer
Tolerance decision	814	3/ABT_INTEGER	Integer
Tolerance default processing	815	3/ABT_INTEGER	Integer
Tolerance executive management	811	3/ABT_INTEGER	Integer
Tolerance individual processing	817	3/ABT_INTEGER	Integer
Tolerance range	1375	20/ABT_FLOAT	Floating point number
Tolerance sales	816	3/ABT_INTEGER	Integer
Top margin	779	2/ABT_BOOL	Boolean
TopCenter	1435	1000/ABT_SINGLELINE	One-liner
TopLeft	1434	1000/ABT_SINGLELINE	One-liner
TopMargin	1442	10/ABT_INTEGER	Integer
TopRight	1436	1000/ABT_SINGLELINE	One-liner
Total time	667	20/ABT_COMBINED	Combined
Total time	845	20/ABT_MULTILINE	N-liner
Transaction	2159	2/ABT_BOOL	Boolean
Transaction ID	2160	1000/ABT_SINGLELINE	One-liner
Transaction method	2162	50/ABT_VALUE	Value
Transaction protocol	2161	1000/ABT_SINGLELINE	One-liner
Transient	951	2/ABT_BOOL	Boolean
Transition condition	2397	500/ABT_SINGLELINE	One-liner
Transmission medium	236	100/ABT_SINGLELINE	One-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Transmission speed	234	50/ABT_SINGLELINE	One-liner
Transmission time	535	20/ABT_COMBINED	Combined
Transmission time	1202	20/ABT_LONGTEXT	Longtext
Transmission type, batch	95	2/ABT_BOOL	Boolean
Transmission type, manually	96	2/ABT_BOOL	Boolean
Transmission type, online	94	2/ABT_BOOL	Boolean
Transport instruction/rule	288	100/ABT_SINGLELINE	One-liner
Transport system number	320	100/ABT_SINGLELINE	One-liner
Trigger	1607	10000000/ABT_MULTILINE	N-liner
Trigger	262	2/ABT_BOOL	Boolean
Trigger function	1255	2/ABT_BOOL	Boolean
Trigger to be released	1256	1024/ABT_MULTILINE	N-liner
Trigger type	1279	50/ABT_VALUE	Value
Trigger/Result	2137	64/ABT_VALUE	Value
Triggers	2144	1000/ABT_MULTILINE	N-liner
Type	2394	5/ABT_VALUE	Value
Type	972	256/ABT_MULTILINE	N-liner
Type	1508	512/ABT_VALUE	Value
Type	1366	10/ABT_VALUE	Value
Type	389	50/ABT_ITEMTYPE	Item type
Type 1	819	2/ABT_SINGLELINE	One-liner
Type 2	820	2/ABT_SINGLELINE	One-liner
Type 3	821	2/ABT_SINGLELINE	One-liner
Type 4	822	2/ABT_SINGLELINE	One-liner
Type 5	823	2/ABT_SINGLELINE	One-liner
Type 6	824	2/ABT_SINGLELINE	One-liner
Type 7	825	2/ABT_SINGLELINE	One-liner
Type of aggregation	372	50/ABT_SINGLELINE	One-liner
Type of origin	264	512/ABT_VALUE	Value
UML Display options	1706	10000000/ABT_MULTILINE	N-liner
UML Font label	2117	50/ABT_SINGLELINE	One-liner
UML Is root element	2111	255/ABT_SINGLELINE	One-liner
UML Is stereotype	2113	50/ABT_SINGLELINE	One-liner
UML link	1539	1/ABT_INTEGER	Integer
UML Name label	2114	50/ABT_SINGLELINE	One-liner
UML Source label	2115	50/ABT_SINGLELINE	One-liner
UML Symbol name label	2459	50/ABT_SINGLELINE	One-liner
UML Target label	2116	50/ABT_SINGLELINE	One-liner
Unit	1380	15/ABT_SINGLELINE	One-liner
Unit for date calculation	1258	20/ABT_VALUE	Value
Unit of capacity	292	100/ABT_SINGLELINE	One-liner
Updating frequency	1180	15/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Upper limit	1360	20/ABT_FLOAT	Floating point number
URI	2388	1000/ABT_SINGLELINE	One-liner
Usage	2125	25/ABT_VALUE	Value
Usage factor	454	30/ABT_FLOAT	Floating point number
Usage time sum	1305	20/ABT_TIMESPAN	Duration
Usage type	1262	10/ABT_VALUE	Value
User attribute Application system type	2096	10000000/ABT_MULTILINE	N-liner
User attribute Boolean (editable, language-dependent)	3304	2/ABT_BOOL	Boolean
User attribute Boolean (editable, language-independent)	2774	2/ABT_BOOL	Boolean
User attribute Boolean (read-only, language-dependent)	3349	2/ABT_BOOL	Boolean
User attribute Boolean (read-only, language-independent)	3303	2/ABT_BOOL	Boolean
User attribute Boolean 1	987	2/ABT_BOOL	Boolean
User attribute Boolean 10	1342	2/ABT_BOOL	Boolean
User attribute Boolean 100	2892	2/ABT_BOOL	Boolean
User attribute Boolean 101	2893	2/ABT_BOOL	Boolean
User attribute Boolean 102	2894	2/ABT_BOOL	Boolean
User attribute Boolean 103	2895	2/ABT_BOOL	Boolean
User attribute Boolean 104	2896	2/ABT_BOOL	Boolean
User attribute Boolean 105	2897	2/ABT_BOOL	Boolean
User attribute Boolean 106	2898	2/ABT_BOOL	Boolean
User attribute Boolean 107	2899	2/ABT_BOOL	Boolean
User attribute Boolean 108	2900	2/ABT_BOOL	Boolean
User attribute Boolean 109	2901	2/ABT_BOOL	Boolean
User attribute Boolean 11	1343	2/ABT_BOOL	Boolean
User attribute Boolean 110	2902	2/ABT_BOOL	Boolean
User attribute Boolean 111	2903	2/ABT_BOOL	Boolean
User attribute Boolean 112	2904	2/ABT_BOOL	Boolean
User attribute Boolean 113	2905	2/ABT_BOOL	Boolean
User attribute Boolean 114	2906	2/ABT_BOOL	Boolean
User attribute Boolean 115	2907	2/ABT_BOOL	Boolean
User attribute Boolean 116	2908	2/ABT_BOOL	Boolean
User attribute Boolean 117	2909	2/ABT_BOOL	Boolean
User attribute Boolean 118	2910	2/ABT_BOOL	Boolean
User attribute Boolean 119	2911	2/ABT_BOOL	Boolean
User attribute Boolean 12	1344	2/ABT_BOOL	Boolean
User attribute Boolean 120	2912	2/ABT_BOOL	Boolean
User attribute Boolean 121	2913	2/ABT_BOOL	Boolean
User attribute Boolean 122	2914	2/ABT_BOOL	Boolean
User attribute Boolean 123	2915	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Boolean 124	2916	2/ABT_BOOL	Boolean
User attribute Boolean 125	2917	2/ABT_BOOL	Boolean
User attribute Boolean 126	2918	2/ABT_BOOL	Boolean
User attribute Boolean 127	2919	2/ABT_BOOL	Boolean
User attribute Boolean 128	2920	2/ABT_BOOL	Boolean
User attribute Boolean 129	2921	2/ABT_BOOL	Boolean
User attribute Boolean 13	1772	2/ABT_BOOL	Boolean
User attribute Boolean 130	2922	2/ABT_BOOL	Boolean
User attribute Boolean 131	2923	2/ABT_BOOL	Boolean
User attribute Boolean 132	2924	2/ABT_BOOL	Boolean
User attribute Boolean 133	2925	2/ABT_BOOL	Boolean
User attribute Boolean 134	2926	2/ABT_BOOL	Boolean
User attribute Boolean 135	2927	2/ABT_BOOL	Boolean
User attribute Boolean 136	2928	2/ABT_BOOL	Boolean
User attribute Boolean 137	2929	2/ABT_BOOL	Boolean
User attribute Boolean 138	2930	2/ABT_BOOL	Boolean
User attribute Boolean 139	2931	2/ABT_BOOL	Boolean
User attribute Boolean 14	1773	2/ABT_BOOL	Boolean
User attribute Boolean 140	2932	2/ABT_BOOL	Boolean
User attribute Boolean 141	2933	2/ABT_BOOL	Boolean
User attribute Boolean 142	2934	2/ABT_BOOL	Boolean
User attribute Boolean 143	2935	2/ABT_BOOL	Boolean
User attribute Boolean 144	2936	2/ABT_BOOL	Boolean
User attribute Boolean 145	2937	2/ABT_BOOL	Boolean
User attribute Boolean 146	2938	2/ABT_BOOL	Boolean
User attribute Boolean 147	2939	2/ABT_BOOL	Boolean
User attribute Boolean 148	2940	2/ABT_BOOL	Boolean
User attribute Boolean 149	2941	2/ABT_BOOL	Boolean
User attribute Boolean 15	1774	2/ABT_BOOL	Boolean
User attribute Boolean 150	2942	2/ABT_BOOL	Boolean
User attribute Boolean 16	1775	2/ABT_BOOL	Boolean
User attribute Boolean 17	1776	2/ABT_BOOL	Boolean
User attribute Boolean 18	1777	2/ABT_BOOL	Boolean
User attribute Boolean 19	1778	2/ABT_BOOL	Boolean
User attribute Boolean 2	988	2/ABT_BOOL	Boolean
User attribute Boolean 20	1779	2/ABT_BOOL	Boolean
User attribute Boolean 21	1780	2/ABT_BOOL	Boolean
User attribute Boolean 22	1781	2/ABT_BOOL	Boolean
User attribute Boolean 23	1782	2/ABT_BOOL	Boolean
User attribute Boolean 24	1783	2/ABT_BOOL	Boolean
User attribute Boolean 25	1784	2/ABT_BOOL	Boolean
User attribute Boolean 26	1785	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Boolean 27	1786	2/ABT_BOOL	Boolean
User attribute Boolean 28	1787	2/ABT_BOOL	Boolean
User attribute Boolean 29	1788	2/ABT_BOOL	Boolean
User attribute Boolean 3	1335	2/ABT_BOOL	Boolean
User attribute Boolean 30	1789	2/ABT_BOOL	Boolean
User attribute Boolean 31	1790	2/ABT_BOOL	Boolean
User attribute Boolean 32	1791	2/ABT_BOOL	Boolean
User attribute Boolean 33	1792	2/ABT_BOOL	Boolean
User attribute Boolean 34	1793	2/ABT_BOOL	Boolean
User attribute Boolean 35	1794	2/ABT_BOOL	Boolean
User attribute Boolean 36	1795	2/ABT_BOOL	Boolean
User attribute Boolean 37	1796	2/ABT_BOOL	Boolean
User attribute Boolean 38	1797	2/ABT_BOOL	Boolean
User attribute Boolean 39	1798	2/ABT_BOOL	Boolean
User attribute Boolean 4	1336	2/ABT_BOOL	Boolean
User attribute Boolean 40	1799	2/ABT_BOOL	Boolean
User attribute Boolean 41	1800	2/ABT_BOOL	Boolean
User attribute Boolean 42	1801	2/ABT_BOOL	Boolean
User attribute Boolean 43	1802	2/ABT_BOOL	Boolean
User attribute Boolean 44	1803	2/ABT_BOOL	Boolean
User attribute Boolean 45	1804	2/ABT_BOOL	Boolean
User attribute Boolean 46	1805	2/ABT_BOOL	Boolean
User attribute Boolean 47	1806	2/ABT_BOOL	Boolean
User attribute Boolean 48	1807	2/ABT_BOOL	Boolean
User attribute Boolean 49	1808	2/ABT_BOOL	Boolean
User attribute Boolean 5	1337	2/ABT_BOOL	Boolean
User attribute Boolean 50	1809	2/ABT_BOOL	Boolean
User attribute Boolean 51	2843	2/ABT_BOOL	Boolean
User attribute Boolean 52	2844	2/ABT_BOOL	Boolean
User attribute Boolean 53	2845	2/ABT_BOOL	Boolean
User attribute Boolean 54	2846	2/ABT_BOOL	Boolean
User attribute Boolean 55	2847	2/ABT_BOOL	Boolean
User attribute Boolean 56	2848	2/ABT_BOOL	Boolean
User attribute Boolean 57	2849	2/ABT_BOOL	Boolean
User attribute Boolean 58	2850	2/ABT_BOOL	Boolean
User attribute Boolean 59	2851	2/ABT_BOOL	Boolean
User attribute Boolean 6	1338	2/ABT_BOOL	Boolean
User attribute Boolean 60	2852	2/ABT_BOOL	Boolean
User attribute Boolean 61	2853	2/ABT_BOOL	Boolean
User attribute Boolean 62	2854	2/ABT_BOOL	Boolean
User attribute Boolean 63	2855	2/ABT_BOOL	Boolean
User attribute Boolean 64	2856	2/ABT_BOOL	Boolean

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Boolean 65	2857	2/ABT_BOOL	Boolean
User attribute Boolean 66	2858	2/ABT_BOOL	Boolean
User attribute Boolean 67	2859	2/ABT_BOOL	Boolean
User attribute Boolean 68	2860	2/ABT_BOOL	Boolean
User attribute Boolean 69	2861	2/ABT_BOOL	Boolean
User attribute Boolean 7	1339	2/ABT_BOOL	Boolean
User attribute Boolean 70	2862	2/ABT_BOOL	Boolean
User attribute Boolean 71	2863	2/ABT_BOOL	Boolean
User attribute Boolean 72	2864	2/ABT_BOOL	Boolean
User attribute Boolean 73	2865	2/ABT_BOOL	Boolean
User attribute Boolean 74	2866	2/ABT_BOOL	Boolean
User attribute Boolean 75	2867	2/ABT_BOOL	Boolean
User attribute Boolean 76	2868	2/ABT_BOOL	Boolean
User attribute Boolean 77	2869	2/ABT_BOOL	Boolean
User attribute Boolean 78	2870	2/ABT_BOOL	Boolean
User attribute Boolean 79	2871	2/ABT_BOOL	Boolean
User attribute Boolean 8	1340	2/ABT_BOOL	Boolean
User attribute Boolean 80	2872	2/ABT_BOOL	Boolean
User attribute Boolean 81	2873	2/ABT_BOOL	Boolean
User attribute Boolean 82	2874	2/ABT_BOOL	Boolean
User attribute Boolean 83	2875	2/ABT_BOOL	Boolean
User attribute Boolean 84	2876	2/ABT_BOOL	Boolean
User attribute Boolean 85	2877	2/ABT_BOOL	Boolean
User attribute Boolean 86	2878	2/ABT_BOOL	Boolean
User attribute Boolean 87	2879	2/ABT_BOOL	Boolean
User attribute Boolean 88	2880	2/ABT_BOOL	Boolean
User attribute Boolean 89	2881	2/ABT_BOOL	Boolean
User attribute Boolean 9	1341	2/ABT_BOOL	Boolean
User attribute Boolean 90	2882	2/ABT_BOOL	Boolean
User attribute Boolean 91	2883	2/ABT_BOOL	Boolean
User attribute Boolean 92	2884	2/ABT_BOOL	Boolean
User attribute Boolean 93	2885	2/ABT_BOOL	Boolean
User attribute Boolean 94	2886	2/ABT_BOOL	Boolean
User attribute Boolean 95	2887	2/ABT_BOOL	Boolean
User attribute Boolean 96	2888	2/ABT_BOOL	Boolean
User attribute Boolean 97	2889	2/ABT_BOOL	Boolean
User attribute Boolean 98	2890	2/ABT_BOOL	Boolean
User attribute Boolean 99	2891	2/ABT_BOOL	Boolean
User attribute Date (editable, language-dependent)	3353	256/ABT_DATE	Date
User attribute Date (editable, language-independent)	2778	256/ABT_DATE	Date

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Date (read-only, language-dependent)	3354	256/ABT_DATE	Date
User attribute Date (read-only, language-independent)	3311	256/ABT_DATE	Date
User attribute Date 1	993	256/ABT_DATE	Date
User attribute Date 10	1939	256/ABT_DATE	Date
User attribute Date 2	1931	256/ABT_DATE	Date
User attribute Date 3	1932	256/ABT_DATE	Date
User attribute Date 4	1933	256/ABT_DATE	Date
User attribute Date 5	1934	256/ABT_DATE	Date
User attribute Date 6	1935	256/ABT_DATE	Date
User attribute Date 7	1936	256/ABT_DATE	Date
User attribute Date 8	1937	256/ABT_DATE	Date
User attribute Date 9	1938	256/ABT_DATE	Date
User attribute Duration (editable, language-dependent)	3360	256/ABT_TIMESPAN	Duration
User attribute Duration (editable, language-independent)	2781	256/ABT_TIMESPAN	Duration
User attribute Duration (read-only, language-dependent)	3361	256/ABT_TIMESPAN	Duration
User attribute Duration (read-only, language-independent)	3313	256/ABT_TIMESPAN	Duration
User attribute Duration 1	996	256/ABT_TIMESPAN	Duration
User attribute Duration 10	1966	256/ABT_TIMESPAN	Duration
User attribute Duration 2	1958	256/ABT_TIMESPAN	Duration
User attribute Duration 3	1959	256/ABT_TIMESPAN	Duration
User attribute Duration 4	1960	256/ABT_TIMESPAN	Duration
User attribute Duration 5	1961	256/ABT_TIMESPAN	Duration
User attribute Duration 6	1962	256/ABT_TIMESPAN	Duration
User attribute Duration 7	1963	256/ABT_TIMESPAN	Duration
User attribute Duration 8	1964	256/ABT_TIMESPAN	Duration
User attribute Duration 9	1965	256/ABT_TIMESPAN	Duration
User attribute Float 1	991	5/ABT_FLOAT	Floating point number
User attribute Float 10	1550	5/ABT_FLOAT	Floating point number
User attribute Float 11	1891	5/ABT_FLOAT	Floating point number
User attribute Float 12	1892	5/ABT_FLOAT	Floating point number
User attribute Float 13	1893	5/ABT_FLOAT	Floating point number
User attribute Float 14	1894	5/ABT_FLOAT	Floating point number
User attribute Float 15	1895	5/ABT_FLOAT	Floating point number
User attribute Float 16	1896	5/ABT_FLOAT	Floating point number
User attribute Float 17	1897	5/ABT_FLOAT	Floating point number
User attribute Float 18	1898	5/ABT_FLOAT	Floating point number
User attribute Float 19	1899	5/ABT_FLOAT	Floating point number
User attribute Float 2	992	5/ABT_FLOAT	Floating point number
User attribute Float 20	1900	5/ABT_FLOAT	Floating point number

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Float 21	1901	5/ABT_FLOAT	Floating point number
User attribute Float 22	1902	5/ABT_FLOAT	Floating point number
User attribute Float 23	1903	5/ABT_FLOAT	Floating point number
User attribute Float 24	1904	5/ABT_FLOAT	Floating point number
User attribute Float 25	1905	5/ABT_FLOAT	Floating point number
User attribute Float 26	1906	5/ABT_FLOAT	Floating point number
User attribute Float 27	1907	5/ABT_FLOAT	Floating point number
User attribute Float 28	1908	5/ABT_FLOAT	Floating point number
User attribute Float 29	1909	5/ABT_FLOAT	Floating point number
User attribute Float 3	1543	5/ABT_FLOAT	Floating point number
User attribute Float 30	1910	5/ABT_FLOAT	Floating point number
User attribute Float 31	1911	5/ABT_FLOAT	Floating point number
User attribute Float 32	1912	5/ABT_FLOAT	Floating point number
User attribute Float 33	1913	5/ABT_FLOAT	Floating point number
User attribute Float 34	1914	5/ABT_FLOAT	Floating point number
User attribute Float 35	1915	5/ABT_FLOAT	Floating point number
User attribute Float 36	1916	5/ABT_FLOAT	Floating point number
User attribute Float 37	1917	5/ABT_FLOAT	Floating point number
User attribute Float 38	1918	5/ABT_FLOAT	Floating point number
User attribute Float 39	1919	5/ABT_FLOAT	Floating point number
User attribute Float 4	1544	5/ABT_FLOAT	Floating point number
User attribute Float 40	1920	5/ABT_FLOAT	Floating point number
User attribute Float 41	1921	5/ABT_FLOAT	Floating point number
User attribute Float 42	1922	5/ABT_FLOAT	Floating point number
User attribute Float 43	1923	5/ABT_FLOAT	Floating point number
User attribute Float 44	1924	5/ABT_FLOAT	Floating point number
User attribute Float 45	1925	5/ABT_FLOAT	Floating point number
User attribute Float 46	1926	5/ABT_FLOAT	Floating point number
User attribute Float 47	1927	5/ABT_FLOAT	Floating point number
User attribute Float 48	1928	5/ABT_FLOAT	Floating point number
User attribute Float 49	1929	5/ABT_FLOAT	Floating point number
User attribute Float 5	1545	5/ABT_FLOAT	Floating point number
User attribute Float 50	1930	5/ABT_FLOAT	Floating point number
User attribute Float 6	1546	5/ABT_FLOAT	Floating point number
User attribute Float 7	1547	5/ABT_FLOAT	Floating point number
User attribute Float 8	1548	5/ABT_FLOAT	Floating point number
User attribute Float 9	1549	5/ABT_FLOAT	Floating point number
User attribute Floating point number (editable, language-dependent)	3310	20/ABT_FLOAT	Floating point number
User attribute Floating point number (editable, language-independent)	2777	20/ABT_FLOAT	Floating point number

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Floating point number (read-only, language-dependent)	3309	20/ABT_FLOAT	Floating point number
User attribute Floating point number (read-only, language-independent)	3308	20/ABT_FLOAT	Floating point number
User attribute Functional cluster	2095	10000000/ABT_MULTILINE	N-liner
User attribute Int 1	989	5/ABT_INTEGER	Integer
User attribute Int 10	1812	5/ABT_INTEGER	Integer
User attribute Int 11	1813	5/ABT_INTEGER	Integer
User attribute Int 12	1814	5/ABT_INTEGER	Integer
User attribute Int 13	1815	5/ABT_INTEGER	Integer
User attribute Int 14	1816	5/ABT_INTEGER	Integer
User attribute Int 15	1817	5/ABT_INTEGER	Integer
User attribute Int 16	1818	5/ABT_INTEGER	Integer
User attribute Int 17	1819	5/ABT_INTEGER	Integer
User attribute Int 18	1820	5/ABT_INTEGER	Integer
User attribute Int 19	1821	5/ABT_INTEGER	Integer
User attribute Int 2	990	5/ABT_INTEGER	Integer
User attribute Int 20	1822	5/ABT_INTEGER	Integer
User attribute Int 21	1823	5/ABT_INTEGER	Integer
User attribute Int 22	1824	5/ABT_INTEGER	Integer
User attribute Int 23	1825	5/ABT_INTEGER	Integer
User attribute Int 24	1826	5/ABT_INTEGER	Integer
User attribute Int 25	1827	5/ABT_INTEGER	Integer
User attribute Int 26	1828	5/ABT_INTEGER	Integer
User attribute Int 27	1829	5/ABT_INTEGER	Integer
User attribute Int 28	1830	5/ABT_INTEGER	Integer
User attribute Int 29	1831	5/ABT_INTEGER	Integer
User attribute Int 3	1355	5/ABT_INTEGER	Integer
User attribute Int 30	1832	5/ABT_INTEGER	Integer
User attribute Int 31	1833	5/ABT_INTEGER	Integer
User attribute Int 32	1834	5/ABT_INTEGER	Integer
User attribute Int 33	1835	5/ABT_INTEGER	Integer
User attribute Int 34	1836	5/ABT_INTEGER	Integer
User attribute Int 35	1837	5/ABT_INTEGER	Integer
User attribute Int 36	1838	5/ABT_INTEGER	Integer
User attribute Int 37	1839	5/ABT_INTEGER	Integer
User attribute Int 38	1840	5/ABT_INTEGER	Integer
User attribute Int 39	1841	5/ABT_INTEGER	Integer
User attribute Int 4	1356	5/ABT_INTEGER	Integer
User attribute Int 40	1842	5/ABT_INTEGER	Integer
User attribute Int 41	1843	5/ABT_INTEGER	Integer
User attribute Int 42	1844	5/ABT_INTEGER	Integer

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Int 43	1845	5/ABT_INTEGER	Integer
User attribute Int 44	1846	5/ABT_INTEGER	Integer
User attribute Int 45	1847	5/ABT_INTEGER	Integer
User attribute Int 46	1848	5/ABT_INTEGER	Integer
User attribute Int 47	1849	5/ABT_INTEGER	Integer
User attribute Int 48	1850	5/ABT_INTEGER	Integer
User attribute Int 49	1851	5/ABT_INTEGER	Integer
User attribute Int 5	1357	5/ABT_INTEGER	Integer
User attribute Int 50	1852	5/ABT_INTEGER	Integer
User attribute Int 6	1358	5/ABT_INTEGER	Integer
User attribute Int 7	1359	5/ABT_INTEGER	Integer
User attribute Int 8	1810	5/ABT_INTEGER	Integer
User attribute Int 9	1811	5/ABT_INTEGER	Integer
User attribute Integer (editable, language-dependent)	3351	20/ABT_INTEGER	Integer
User attribute Integer (editable, language-independent)	2776	20/ABT_INTEGER	Integer
User attribute Integer (read-only, language-dependent)	3352	20/ABT_INTEGER	Integer
User attribute Integer (read-only, language-independent)	3305	20/ABT_INTEGER	Integer
User attribute Link 1	997	256/ABT_FILE	Link/File
User attribute Link 2	2788	256/ABT_FILE	Link/File
User attribute Link 3	2789	256/ABT_FILE	Link/File
User attribute Link 4	2790	256/ABT_FILE	Link/File
User attribute Link 5	2791	256/ABT_FILE	Link/File
User attribute Link 6	2792	256/ABT_FILE	Link/File
User attribute Link/File (editable, language-dependent)	3314	256/ABT_FILE	Link/File
User attribute Link/File (editable, language-independent)	2782	256/ABT_FILE	Link/File
User attribute Link/File (read-only, language-dependent)	3363	256/ABT_FILE	Link/File
User attribute Link/File (read-only, language-independent)	3364	256/ABT_FILE	Link/File
User attribute Multi-line text (editable, language-dependent)	2773	10000000/ABT_MULTILINE	N-liner
User attribute Multi-line text (editable, language-independent)	3301	10000000/ABT_MULTILINE	N-liner
User attribute Multi-line text (read-only, language-dependent)	3302	10000000/ABT_MULTILINE	N-liner
User attribute Multi-line text (read-only, language-independent)	3300	10000000/ABT_MULTILINE	N-liner
User attribute Point in time (editable, language-dependent)	3359	256/ABT_TIMESTAMP	Point in time
User attribute Point in time (editable, language-independent)	2780	256/ABT_TIMESTAMP	Point in time

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Point in time (read-only, language-dependent)	3358	256/ABT_TIMESTAMP	Point in time
User attribute Point in time (read-only, language-independent)	3312	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 1	995	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 10	1957	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 2	1949	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 3	1950	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 4	1951	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 5	1952	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 6	1953	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 7	1954	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 8	1955	256/ABT_TIMESTAMP	Point in time
User attribute Point in time 9	1956	256/ABT_TIMESTAMP	Point in time
User attribute Text 1	985	10000000/ABT_MULTILINE	N-liner
User attribute Text 10	1214	10000000/ABT_MULTILINE	N-liner
User attribute Text 100	1771	10000000/ABT_MULTILINE	N-liner
User attribute Text 101	1973	10000000/ABT_MULTILINE	N-liner
User attribute Text 102	1974	10000000/ABT_MULTILINE	N-liner
User attribute Text 103	1975	10000000/ABT_MULTILINE	N-liner
User attribute Text 104	1976	10000000/ABT_MULTILINE	N-liner
User attribute Text 105	1977	10000000/ABT_MULTILINE	N-liner
User attribute Text 106	1978	10000000/ABT_MULTILINE	N-liner
User attribute Text 107	1979	10000000/ABT_MULTILINE	N-liner
User attribute Text 108	1980	10000000/ABT_MULTILINE	N-liner
User attribute Text 109	1981	10000000/ABT_MULTILINE	N-liner
User attribute Text 11	1215	10000000/ABT_MULTILINE	N-liner
User attribute Text 110	1982	10000000/ABT_MULTILINE	N-liner
User attribute Text 111	1983	10000000/ABT_MULTILINE	N-liner
User attribute Text 112	1984	10000000/ABT_MULTILINE	N-liner
User attribute Text 113	1985	10000000/ABT_MULTILINE	N-liner
User attribute Text 114	1986	10000000/ABT_MULTILINE	N-liner
User attribute Text 115	1987	10000000/ABT_MULTILINE	N-liner
User attribute Text 116	1988	10000000/ABT_MULTILINE	N-liner
User attribute Text 117	1989	10000000/ABT_MULTILINE	N-liner
User attribute Text 118	1990	10000000/ABT_MULTILINE	N-liner
User attribute Text 119	1991	10000000/ABT_MULTILINE	N-liner
User attribute Text 12	1216	10000000/ABT_MULTILINE	N-liner
User attribute Text 120	1992	10000000/ABT_MULTILINE	N-liner
User attribute Text 121	1993	10000000/ABT_MULTILINE	N-liner
User attribute Text 122	1994	10000000/ABT_MULTILINE	N-liner
User attribute Text 123	1995	10000000/ABT_MULTILINE	N-liner
User attribute Text 124	1996	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Text 125	1997	10000000/ABT_MULTILINE	N-liner
User attribute Text 126	1998	10000000/ABT_MULTILINE	N-liner
User attribute Text 127	1999	10000000/ABT_MULTILINE	N-liner
User attribute Text 128	2000	10000000/ABT_MULTILINE	N-liner
User attribute Text 129	2001	10000000/ABT_MULTILINE	N-liner
User attribute Text 13	1310	10000000/ABT_MULTILINE	N-liner
User attribute Text 130	2002	10000000/ABT_MULTILINE	N-liner
User attribute Text 131	2003	10000000/ABT_MULTILINE	N-liner
User attribute Text 132	2004	10000000/ABT_MULTILINE	N-liner
User attribute Text 133	2005	10000000/ABT_MULTILINE	N-liner
User attribute Text 134	2006	10000000/ABT_MULTILINE	N-liner
User attribute Text 135	2007	10000000/ABT_MULTILINE	N-liner
User attribute Text 136	2008	10000000/ABT_MULTILINE	N-liner
User attribute Text 137	2009	10000000/ABT_MULTILINE	N-liner
User attribute Text 138	2010	10000000/ABT_MULTILINE	N-liner
User attribute Text 139	2011	10000000/ABT_MULTILINE	N-liner
User attribute Text 14	1311	10000000/ABT_MULTILINE	N-liner
User attribute Text 140	2012	10000000/ABT_MULTILINE	N-liner
User attribute Text 141	2013	10000000/ABT_MULTILINE	N-liner
User attribute Text 142	2014	10000000/ABT_MULTILINE	N-liner
User attribute Text 143	2015	10000000/ABT_MULTILINE	N-liner
User attribute Text 144	2016	10000000/ABT_MULTILINE	N-liner
User attribute Text 145	2017	10000000/ABT_MULTILINE	N-liner
User attribute Text 146	2018	10000000/ABT_MULTILINE	N-liner
User attribute Text 147	2019	10000000/ABT_MULTILINE	N-liner
User attribute Text 148	2020	10000000/ABT_MULTILINE	N-liner
User attribute Text 149	2021	10000000/ABT_MULTILINE	N-liner
User attribute Text 15	1312	10000000/ABT_MULTILINE	N-liner
User attribute Text 150	2022	10000000/ABT_MULTILINE	N-liner
User attribute Text 151	2023	10000000/ABT_MULTILINE	N-liner
User attribute Text 152	2024	10000000/ABT_MULTILINE	N-liner
User attribute Text 153	2025	10000000/ABT_MULTILINE	N-liner
User attribute Text 154	2026	10000000/ABT_MULTILINE	N-liner
User attribute Text 155	2027	10000000/ABT_MULTILINE	N-liner
User attribute Text 156	2028	10000000/ABT_MULTILINE	N-liner
User attribute Text 157	2029	10000000/ABT_MULTILINE	N-liner
User attribute Text 158	2030	10000000/ABT_MULTILINE	N-liner
User attribute Text 159	2031	10000000/ABT_MULTILINE	N-liner
User attribute Text 16	1313	10000000/ABT_MULTILINE	N-liner
User attribute Text 160	2032	10000000/ABT_MULTILINE	N-liner
User attribute Text 161	2033	10000000/ABT_MULTILINE	N-liner
User attribute Text 162	2034	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Text 163	2035	10000000/ABT_MULTILINE	N-liner
User attribute Text 164	2036	10000000/ABT_MULTILINE	N-liner
User attribute Text 165	2037	10000000/ABT_MULTILINE	N-liner
User attribute Text 166	2038	10000000/ABT_MULTILINE	N-liner
User attribute Text 167	2039	10000000/ABT_MULTILINE	N-liner
User attribute Text 168	2040	10000000/ABT_MULTILINE	N-liner
User attribute Text 169	2041	10000000/ABT_MULTILINE	N-liner
User attribute Text 17	1314	10000000/ABT_MULTILINE	N-liner
User attribute Text 170	2042	10000000/ABT_MULTILINE	N-liner
User attribute Text 171	2043	10000000/ABT_MULTILINE	N-liner
User attribute Text 172	2044	10000000/ABT_MULTILINE	N-liner
User attribute Text 173	2045	10000000/ABT_MULTILINE	N-liner
User attribute Text 174	2046	10000000/ABT_MULTILINE	N-liner
User attribute Text 175	2047	10000000/ABT_MULTILINE	N-liner
User attribute Text 176	2048	10000000/ABT_MULTILINE	N-liner
User attribute Text 177	2049	10000000/ABT_MULTILINE	N-liner
User attribute Text 178	2050	10000000/ABT_MULTILINE	N-liner
User attribute Text 179	2051	10000000/ABT_MULTILINE	N-liner
User attribute Text 18	1315	10000000/ABT_MULTILINE	N-liner
User attribute Text 180	2052	10000000/ABT_MULTILINE	N-liner
User attribute Text 181	2053	10000000/ABT_MULTILINE	N-liner
User attribute Text 182	2054	10000000/ABT_MULTILINE	N-liner
User attribute Text 183	2055	10000000/ABT_MULTILINE	N-liner
User attribute Text 184	2056	10000000/ABT_MULTILINE	N-liner
User attribute Text 185	2057	10000000/ABT_MULTILINE	N-liner
User attribute Text 186	2058	10000000/ABT_MULTILINE	N-liner
User attribute Text 187	2059	10000000/ABT_MULTILINE	N-liner
User attribute Text 188	2060	10000000/ABT_MULTILINE	N-liner
User attribute Text 189	2061	10000000/ABT_MULTILINE	N-liner
User attribute Text 19	1316	10000000/ABT_MULTILINE	N-liner
User attribute Text 190	2062	10000000/ABT_MULTILINE	N-liner
User attribute Text 191	2063	10000000/ABT_MULTILINE	N-liner
User attribute Text 192	2064	10000000/ABT_MULTILINE	N-liner
User attribute Text 193	2065	10000000/ABT_MULTILINE	N-liner
User attribute Text 194	2066	10000000/ABT_MULTILINE	N-liner
User attribute Text 195	2067	10000000/ABT_MULTILINE	N-liner
User attribute Text 196	2068	10000000/ABT_MULTILINE	N-liner
User attribute Text 197	2069	10000000/ABT_MULTILINE	N-liner
User attribute Text 198	2070	10000000/ABT_MULTILINE	N-liner
User attribute Text 199	2071	10000000/ABT_MULTILINE	N-liner
User attribute Text 2	986	10000000/ABT_MULTILINE	N-liner
User attribute Text 20	1317	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Text 200	2072	10000000/ABT_MULTILINE	N-liner
User attribute Text 201	2094	10000000/ABT_MULTILINE	N-liner
User attribute Text 202 (read-only)	2176	10000000/ABT_MULTILINE	N-liner
User attribute Text 203 (read-only)	2271	10000000/ABT_MULTILINE	N-liner
User attribute Text 204 (read-only)	2272	10000000/ABT_MULTILINE	N-liner
User attribute Text 205 (read-only)	2273	10000000/ABT_MULTILINE	N-liner
User attribute Text 206 (read-only)	2274	10000000/ABT_MULTILINE	N-liner
User attribute Text 207	2321	10000000/ABT_MULTILINE	N-liner
User attribute Text 208	2322	10000000/ABT_MULTILINE	N-liner
User attribute Text 209	2323	10000000/ABT_MULTILINE	N-liner
User attribute Text 21	1318	10000000/ABT_MULTILINE	N-liner
User attribute Text 210	2324	10000000/ABT_MULTILINE	N-liner
User attribute Text 211	2325	10000000/ABT_MULTILINE	N-liner
User attribute Text 212	2326	10000000/ABT_MULTILINE	N-liner
User attribute Text 213	2327	10000000/ABT_MULTILINE	N-liner
User attribute Text 214	2328	10000000/ABT_MULTILINE	N-liner
User attribute Text 215	2329	10000000/ABT_MULTILINE	N-liner
User attribute Text 216	2330	10000000/ABT_MULTILINE	N-liner
User attribute Text 217	2331	10000000/ABT_MULTILINE	N-liner
User attribute Text 218	2332	10000000/ABT_MULTILINE	N-liner
User attribute Text 219	2333	10000000/ABT_MULTILINE	N-liner
User attribute Text 22	1319	10000000/ABT_MULTILINE	N-liner
User attribute Text 220	2334	10000000/ABT_MULTILINE	N-liner
User attribute Text 221	2335	10000000/ABT_MULTILINE	N-liner
User attribute Text 222	2336	10000000/ABT_MULTILINE	N-liner
User attribute Text 223	2337	10000000/ABT_MULTILINE	N-liner
User attribute Text 224	2338	10000000/ABT_MULTILINE	N-liner
User attribute Text 225	2339	10000000/ABT_MULTILINE	N-liner
User attribute Text 226	2340	10000000/ABT_MULTILINE	N-liner
User attribute Text 227	2341	10000000/ABT_MULTILINE	N-liner
User attribute Text 228	2342	10000000/ABT_MULTILINE	N-liner
User attribute Text 229	2343	10000000/ABT_MULTILINE	N-liner
User attribute Text 23	1320	10000000/ABT_MULTILINE	N-liner
User attribute Text 230	2344	10000000/ABT_MULTILINE	N-liner
User attribute Text 231	2345	10000000/ABT_MULTILINE	N-liner
User attribute Text 232	2346	10000000/ABT_MULTILINE	N-liner
User attribute Text 233	2347	10000000/ABT_MULTILINE	N-liner
User attribute Text 234	2348	10000000/ABT_MULTILINE	N-liner
User attribute Text 235	2349	10000000/ABT_MULTILINE	N-liner
User attribute Text 236	2350	10000000/ABT_MULTILINE	N-liner
User attribute Text 237	2351	10000000/ABT_MULTILINE	N-liner
User attribute Text 238	2352	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Text 239	2353	10000000/ABT_MULTILINE	N-liner
User attribute Text 24	1321	10000000/ABT_MULTILINE	N-liner
User attribute Text 240	2354	10000000/ABT_MULTILINE	N-liner
User attribute Text 241	2355	10000000/ABT_MULTILINE	N-liner
User attribute Text 242	2356	10000000/ABT_MULTILINE	N-liner
User attribute Text 243	2357	10000000/ABT_MULTILINE	N-liner
User attribute Text 244	2358	10000000/ABT_MULTILINE	N-liner
User attribute Text 245	2359	10000000/ABT_MULTILINE	N-liner
User attribute Text 246	2360	10000000/ABT_MULTILINE	N-liner
User attribute Text 247	2361	10000000/ABT_MULTILINE	N-liner
User attribute Text 248	2362	10000000/ABT_MULTILINE	N-liner
User attribute Text 249	2363	10000000/ABT_MULTILINE	N-liner
User attribute Text 25	1322	10000000/ABT_MULTILINE	N-liner
User attribute Text 250	2364	10000000/ABT_MULTILINE	N-liner
User attribute Text 251	2365	10000000/ABT_MULTILINE	N-liner
User attribute Text 26	1323	10000000/ABT_MULTILINE	N-liner
User attribute Text 27	1324	10000000/ABT_MULTILINE	N-liner
User attribute Text 28	1325	10000000/ABT_MULTILINE	N-liner
User attribute Text 29	1326	10000000/ABT_MULTILINE	N-liner
User attribute Text 3	1207	10000000/ABT_MULTILINE	N-liner
User attribute Text 30	1327	10000000/ABT_MULTILINE	N-liner
User attribute Text 31	1328	10000000/ABT_MULTILINE	N-liner
User attribute Text 32	1329	10000000/ABT_MULTILINE	N-liner
User attribute Text 33	1330	10000000/ABT_MULTILINE	N-liner
User attribute Text 34	1331	10000000/ABT_MULTILINE	N-liner
User attribute Text 35	1332	10000000/ABT_MULTILINE	N-liner
User attribute Text 36	1333	10000000/ABT_MULTILINE	N-liner
User attribute Text 37	1334	10000000/ABT_MULTILINE	N-liner
User attribute Text 38	1709	10000000/ABT_MULTILINE	N-liner
User attribute Text 39	1710	10000000/ABT_MULTILINE	N-liner
User attribute Text 4	1208	10000000/ABT_MULTILINE	N-liner
User attribute Text 40	1711	10000000/ABT_MULTILINE	N-liner
User attribute Text 41	1712	10000000/ABT_MULTILINE	N-liner
User attribute Text 42	1713	10000000/ABT_MULTILINE	N-liner
User attribute Text 43	1714	10000000/ABT_MULTILINE	N-liner
User attribute Text 44	1715	10000000/ABT_MULTILINE	N-liner
User attribute Text 45	1716	10000000/ABT_MULTILINE	N-liner
User attribute Text 46	1717	10000000/ABT_MULTILINE	N-liner
User attribute Text 47	1718	10000000/ABT_MULTILINE	N-liner
User attribute Text 48	1719	10000000/ABT_MULTILINE	N-liner
User attribute Text 49	1720	10000000/ABT_MULTILINE	N-liner
User attribute Text 5	1209	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Text 50	1721	10000000/ABT_MULTILINE	N-liner
User attribute Text 51	1722	10000000/ABT_MULTILINE	N-liner
User attribute Text 52	1723	10000000/ABT_MULTILINE	N-liner
User attribute Text 53	1724	10000000/ABT_MULTILINE	N-liner
User attribute Text 54	1725	10000000/ABT_MULTILINE	N-liner
User attribute Text 55	1726	10000000/ABT_MULTILINE	N-liner
User attribute Text 56	1727	10000000/ABT_MULTILINE	N-liner
User attribute Text 57	1728	10000000/ABT_MULTILINE	N-liner
User attribute Text 58	1729	10000000/ABT_MULTILINE	N-liner
User attribute Text 59	1730	10000000/ABT_MULTILINE	N-liner
User attribute Text 6	1210	10000000/ABT_MULTILINE	N-liner
User attribute Text 60	1731	10000000/ABT_MULTILINE	N-liner
User attribute Text 61	1732	10000000/ABT_MULTILINE	N-liner
User attribute Text 62	1733	10000000/ABT_MULTILINE	N-liner
User attribute Text 63	1734	10000000/ABT_MULTILINE	N-liner
User attribute Text 64	1735	10000000/ABT_MULTILINE	N-liner
User attribute Text 65	1736	10000000/ABT_MULTILINE	N-liner
User attribute Text 66	1737	10000000/ABT_MULTILINE	N-liner
User attribute Text 67	1738	10000000/ABT_MULTILINE	N-liner
User attribute Text 68	1739	10000000/ABT_MULTILINE	N-liner
User attribute Text 69	1740	10000000/ABT_MULTILINE	N-liner
User attribute Text 7	1211	10000000/ABT_MULTILINE	N-liner
User attribute Text 70	1741	10000000/ABT_MULTILINE	N-liner
User attribute Text 71	1742	10000000/ABT_MULTILINE	N-liner
User attribute Text 72	1743	10000000/ABT_MULTILINE	N-liner
User attribute Text 73	1744	10000000/ABT_MULTILINE	N-liner
User attribute Text 74	1745	10000000/ABT_MULTILINE	N-liner
User attribute Text 75	1746	10000000/ABT_MULTILINE	N-liner
User attribute Text 76	1747	10000000/ABT_MULTILINE	N-liner
User attribute Text 77	1748	10000000/ABT_MULTILINE	N-liner
User attribute Text 78	1749	10000000/ABT_MULTILINE	N-liner
User attribute Text 79	1750	10000000/ABT_MULTILINE	N-liner
User attribute Text 8	1212	10000000/ABT_MULTILINE	N-liner
User attribute Text 80	1751	10000000/ABT_MULTILINE	N-liner
User attribute Text 81	1752	10000000/ABT_MULTILINE	N-liner
User attribute Text 82	1753	10000000/ABT_MULTILINE	N-liner
User attribute Text 83	1754	10000000/ABT_MULTILINE	N-liner
User attribute Text 84	1755	10000000/ABT_MULTILINE	N-liner
User attribute Text 85	1756	10000000/ABT_MULTILINE	N-liner
User attribute Text 86	1757	10000000/ABT_MULTILINE	N-liner
User attribute Text 87	1758	10000000/ABT_MULTILINE	N-liner
User attribute Text 88	1759	10000000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Text 89	1760	10000000/ABT_MULTILINE	N-liner
User attribute Text 9	1213	10000000/ABT_MULTILINE	N-liner
User attribute Text 90	1761	10000000/ABT_MULTILINE	N-liner
User attribute Text 91	1762	10000000/ABT_MULTILINE	N-liner
User attribute Text 92	1763	10000000/ABT_MULTILINE	N-liner
User attribute Text 93	1764	10000000/ABT_MULTILINE	N-liner
User attribute Text 94	1765	10000000/ABT_MULTILINE	N-liner
User attribute Text 95	1766	10000000/ABT_MULTILINE	N-liner
User attribute Text 96	1767	10000000/ABT_MULTILINE	N-liner
User attribute Text 97	1768	10000000/ABT_MULTILINE	N-liner
User attribute Text 98	1769	10000000/ABT_MULTILINE	N-liner
User attribute Text 99	1770	10000000/ABT_MULTILINE	N-liner
User attribute Time (editable, language-dependent)	3356	256/ABT_TIME	Time
User attribute Time (editable, language-independent)	2779	256/ABT_TIME	Time
User attribute Time (read-only, language-dependent)	3357	256/ABT_TIME	Time
User attribute Time (read-only, language-independent)	3355	256/ABT_TIME	Time
User attribute Time 1	994	256/ABT_TIME	Time
User attribute Time 10	1948	256/ABT_TIME	Time
User attribute Time 2	1940	256/ABT_TIME	Time
User attribute Time 3	1941	256/ABT_TIME	Time
User attribute Time 4	1942	256/ABT_TIME	Time
User attribute Time 5	1943	256/ABT_TIME	Time
User attribute Time 6	1944	256/ABT_TIME	Time
User attribute Time 7	1945	256/ABT_TIME	Time
User attribute Time 8	1946	256/ABT_TIME	Time
User attribute Time 9	1947	256/ABT_TIME	Time
User attribute Values (editable, language-dependent)	3306	255/ABT_VALUE	Value
User attribute Values (editable, language-independent)	2775	255/ABT_VALUE	Value
User attribute Values (read-only, language-dependent)	3350	255/ABT_VALUE	Value
User attribute Values (read-only, language-independent)	3307	255/ABT_VALUE	Value
User attribute Values 1	1217	20/ABT_VALUE	Value
User attribute Values 10	1352	20/ABT_VALUE	Value
User attribute Values 100 (language-dependent)	2972	20/ABT_VALUE	Value
User attribute Values 101 (language-dependent)	2973	20/ABT_VALUE	Value
User attribute Values 102 (language-dependent)	2974	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 103 (language-dependent)	2975	20/ABT_VALUE	Value
User attribute Values 104 (language-dependent)	2976	20/ABT_VALUE	Value
User attribute Values 105 (language-dependent)	2977	20/ABT_VALUE	Value
User attribute Values 106 (language-dependent)	2978	20/ABT_VALUE	Value
User attribute Values 107 (language-dependent)	2979	20/ABT_VALUE	Value
User attribute Values 108 (language-dependent)	2980	20/ABT_VALUE	Value
User attribute Values 109 (language-dependent)	2981	20/ABT_VALUE	Value
User attribute Values 11	1353	20/ABT_VALUE	Value
User attribute Values 110 (language-dependent)	2982	20/ABT_VALUE	Value
User attribute Values 111 (language-dependent)	2983	20/ABT_VALUE	Value
User attribute Values 112 (language-dependent)	2984	20/ABT_VALUE	Value
User attribute Values 113 (language-dependent)	2985	20/ABT_VALUE	Value
User attribute Values 114 (language-dependent)	2986	20/ABT_VALUE	Value
User attribute Values 115 (language-dependent)	2987	20/ABT_VALUE	Value
User attribute Values 116 (language-dependent)	2988	20/ABT_VALUE	Value
User attribute Values 117 (language-dependent)	2989	20/ABT_VALUE	Value
User attribute Values 118 (language-dependent)	2990	20/ABT_VALUE	Value
User attribute Values 119 (language-dependent)	2991	20/ABT_VALUE	Value
User attribute Values 12	1354	20/ABT_VALUE	Value
User attribute Values 120 (language-dependent)	2992	20/ABT_VALUE	Value
User attribute Values 121 (language-dependent)	2993	20/ABT_VALUE	Value
User attribute Values 122 (language-dependent)	2994	20/ABT_VALUE	Value
User attribute Values 123 (language-dependent)	2995	20/ABT_VALUE	Value
User attribute Values 124 (language-dependent)	2996	20/ABT_VALUE	Value
User attribute Values 125 (language-dependent)	2997	20/ABT_VALUE	Value
User attribute Values 126 (language-dependent)	2998	20/ABT_VALUE	Value
User attribute Values 127 (language-dependent)	2999	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 128 (language-dependent)	3000	20/ABT_VALUE	Value
User attribute Values 129 (language-dependent)	3001	20/ABT_VALUE	Value
User attribute Values 13	1853	20/ABT_VALUE	Value
User attribute Values 130 (language-dependent)	3002	20/ABT_VALUE	Value
User attribute Values 131 (language-dependent)	3003	20/ABT_VALUE	Value
User attribute Values 132 (language-dependent)	3004	20/ABT_VALUE	Value
User attribute Values 133 (language-dependent)	3005	20/ABT_VALUE	Value
User attribute Values 134 (language-dependent)	3006	20/ABT_VALUE	Value
User attribute Values 135 (language-dependent)	3007	20/ABT_VALUE	Value
User attribute Values 136 (language-dependent)	3008	20/ABT_VALUE	Value
User attribute Values 137 (language-dependent)	3009	20/ABT_VALUE	Value
User attribute Values 138 (language-dependent)	3010	20/ABT_VALUE	Value
User attribute Values 139 (language-dependent)	3011	20/ABT_VALUE	Value
User attribute Values 14	1854	20/ABT_VALUE	Value
User attribute Values 140 (language-dependent)	3012	20/ABT_VALUE	Value
User attribute Values 141 (language-dependent)	3013	20/ABT_VALUE	Value
User attribute Values 142 (language-dependent)	3014	20/ABT_VALUE	Value
User attribute Values 143 (language-dependent)	3015	20/ABT_VALUE	Value
User attribute Values 144 (language-dependent)	3016	20/ABT_VALUE	Value
User attribute Values 145 (language-dependent)	3017	20/ABT_VALUE	Value
User attribute Values 146 (language-dependent)	3018	20/ABT_VALUE	Value
User attribute Values 147 (language-dependent)	3019	20/ABT_VALUE	Value
User attribute Values 148 (language-dependent)	3020	20/ABT_VALUE	Value
User attribute Values 149 (language-dependent)	3021	20/ABT_VALUE	Value
User attribute Values 15	1855	20/ABT_VALUE	Value
User attribute Values 150 (language-dependent)	3022	20/ABT_VALUE	Value
User attribute Values 151 (language-dependent)	3023	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 152 (language-dependent)	3024	20/ABT_VALUE	Value
User attribute Values 153 (language-dependent)	3025	20/ABT_VALUE	Value
User attribute Values 154 (language-dependent)	3026	20/ABT_VALUE	Value
User attribute Values 155 (language-dependent)	3027	20/ABT_VALUE	Value
User attribute Values 156 (language-dependent)	3028	20/ABT_VALUE	Value
User attribute Values 157 (language-dependent)	3029	20/ABT_VALUE	Value
User attribute Values 158 (language-dependent)	3030	20/ABT_VALUE	Value
User attribute Values 159 (language-dependent)	3031	20/ABT_VALUE	Value
User attribute Values 16	1856	20/ABT_VALUE	Value
User attribute Values 160 (language-dependent)	3032	20/ABT_VALUE	Value
User attribute Values 161 (language-dependent)	3033	20/ABT_VALUE	Value
User attribute Values 162 (language-dependent)	3034	20/ABT_VALUE	Value
User attribute Values 163 (language-dependent)	3035	20/ABT_VALUE	Value
User attribute Values 164 (language-dependent)	3036	20/ABT_VALUE	Value
User attribute Values 165 (language-dependent)	3037	20/ABT_VALUE	Value
User attribute Values 166 (language-dependent)	3038	20/ABT_VALUE	Value
User attribute Values 167 (language-dependent)	3039	20/ABT_VALUE	Value
User attribute Values 168 (language-dependent)	3040	20/ABT_VALUE	Value
User attribute Values 169 (language-dependent)	3041	20/ABT_VALUE	Value
User attribute Values 17	1857	20/ABT_VALUE	Value
User attribute Values 170 (language-dependent)	3042	20/ABT_VALUE	Value
User attribute Values 171 (language-dependent)	3043	20/ABT_VALUE	Value
User attribute Values 172 (language-dependent)	3044	20/ABT_VALUE	Value
User attribute Values 173 (language-dependent)	3045	20/ABT_VALUE	Value
User attribute Values 174 (language-dependent)	3046	20/ABT_VALUE	Value
User attribute Values 175 (language-dependent)	3047	20/ABT_VALUE	Value
User attribute Values 176 (language-dependent)	3048	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 177 (language-dependent)	3049	20/ABT_VALUE	Value
User attribute Values 178 (language-dependent)	3050	20/ABT_VALUE	Value
User attribute Values 179 (language-dependent)	3051	20/ABT_VALUE	Value
User attribute Values 18	1858	20/ABT_VALUE	Value
User attribute Values 180 (language-dependent)	3052	20/ABT_VALUE	Value
User attribute Values 181 (language-dependent)	3053	20/ABT_VALUE	Value
User attribute Values 182 (language-dependent)	3054	20/ABT_VALUE	Value
User attribute Values 183 (language-dependent)	3055	20/ABT_VALUE	Value
User attribute Values 184 (language-dependent)	3056	20/ABT_VALUE	Value
User attribute Values 185 (language-dependent)	3057	20/ABT_VALUE	Value
User attribute Values 186 (language-dependent)	3058	20/ABT_VALUE	Value
User attribute Values 187 (language-dependent)	3059	20/ABT_VALUE	Value
User attribute Values 188 (language-dependent)	3060	20/ABT_VALUE	Value
User attribute Values 189 (language-dependent)	3061	20/ABT_VALUE	Value
User attribute Values 19	1859	20/ABT_VALUE	Value
User attribute Values 190 (language-dependent)	3062	20/ABT_VALUE	Value
User attribute Values 191 (language-dependent)	3063	20/ABT_VALUE	Value
User attribute Values 192 (language-dependent)	3064	20/ABT_VALUE	Value
User attribute Values 193 (language-dependent)	3065	20/ABT_VALUE	Value
User attribute Values 194 (language-dependent)	3066	20/ABT_VALUE	Value
User attribute Values 195 (language-dependent)	3067	20/ABT_VALUE	Value
User attribute Values 196 (language-dependent)	3068	20/ABT_VALUE	Value
User attribute Values 197 (language-dependent)	3069	20/ABT_VALUE	Value
User attribute Values 198 (language-dependent)	3070	20/ABT_VALUE	Value
User attribute Values 199 (language-dependent)	3071	20/ABT_VALUE	Value
User attribute Values 2	1218	20/ABT_VALUE	Value
User attribute Values 20	1860	20/ABT_VALUE	Value
User attribute Values 200 (language-dependent)	3072	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 201 (language-dependent)	3073	20/ABT_VALUE	Value
User attribute Values 202 (language-dependent)	3074	20/ABT_VALUE	Value
User attribute Values 203 (language-dependent)	3075	20/ABT_VALUE	Value
User attribute Values 204 (language-dependent)	3076	20/ABT_VALUE	Value
User attribute Values 205 (language-dependent)	3077	20/ABT_VALUE	Value
User attribute Values 206 (language-dependent)	3078	20/ABT_VALUE	Value
User attribute Values 207 (language-dependent)	3079	20/ABT_VALUE	Value
User attribute Values 208 (language-dependent)	3080	20/ABT_VALUE	Value
User attribute Values 209 (language-dependent)	3081	20/ABT_VALUE	Value
User attribute Values 21 (language-dependent)	1861	20/ABT_VALUE	Value
User attribute Values 210 (language-dependent)	3082	20/ABT_VALUE	Value
User attribute Values 211 (language-dependent)	3083	20/ABT_VALUE	Value
User attribute Values 212 (language-dependent)	3084	20/ABT_VALUE	Value
User attribute Values 213 (language-dependent)	3085	20/ABT_VALUE	Value
User attribute Values 214 (language-dependent)	3086	20/ABT_VALUE	Value
User attribute Values 215 (language-dependent)	3087	20/ABT_VALUE	Value
User attribute Values 216 (language-dependent)	3088	20/ABT_VALUE	Value
User attribute Values 217 (language-dependent)	3089	20/ABT_VALUE	Value
User attribute Values 218 (language-dependent)	3090	20/ABT_VALUE	Value
User attribute Values 219 (language-dependent)	3091	20/ABT_VALUE	Value
User attribute Values 22	1862	20/ABT_VALUE	Value
User attribute Values 220 (language-dependent)	3092	20/ABT_VALUE	Value
User attribute Values 221	3177	20/ABT_VALUE	Value
User attribute Values 222	3178	20/ABT_VALUE	Value
User attribute Values 223	3179	20/ABT_VALUE	Value
User attribute Values 224	3180	20/ABT_VALUE	Value
User attribute Values 225	3181	20/ABT_VALUE	Value
User attribute Values 226	3182	20/ABT_VALUE	Value
User attribute Values 227	3183	20/ABT_VALUE	Value
User attribute Values 228	3184	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 229	3185	20/ABT_VALUE	Value
User attribute Values 23	1863	20/ABT_VALUE	Value
User attribute Values 230	3186	20/ABT_VALUE	Value
User attribute Values 231	3187	20/ABT_VALUE	Value
User attribute Values 232	3188	20/ABT_VALUE	Value
User attribute Values 233	3189	20/ABT_VALUE	Value
User attribute Values 234	3190	20/ABT_VALUE	Value
User attribute Values 235	3191	20/ABT_VALUE	Value
User attribute Values 236	3192	20/ABT_VALUE	Value
User attribute Values 237	3193	20/ABT_VALUE	Value
User attribute Values 238	3194	20/ABT_VALUE	Value
User attribute Values 239	3195	20/ABT_VALUE	Value
User attribute Values 24	1864	20/ABT_VALUE	Value
User attribute Values 240	3196	20/ABT_VALUE	Value
User attribute Values 241	3197	20/ABT_VALUE	Value
User attribute Values 242	3198	20/ABT_VALUE	Value
User attribute Values 243	3199	20/ABT_VALUE	Value
User attribute Values 244	3200	20/ABT_VALUE	Value
User attribute Values 245	3201	20/ABT_VALUE	Value
User attribute Values 246	3202	20/ABT_VALUE	Value
User attribute Values 247	3203	20/ABT_VALUE	Value
User attribute Values 248	3204	20/ABT_VALUE	Value
User attribute Values 249	3205	20/ABT_VALUE	Value
User attribute Values 25	1865	20/ABT_VALUE	Value
User attribute Values 250	3206	20/ABT_VALUE	Value
User attribute Values 251	3207	20/ABT_VALUE	Value
User attribute Values 252	3208	20/ABT_VALUE	Value
User attribute Values 253	3209	20/ABT_VALUE	Value
User attribute Values 254	3210	20/ABT_VALUE	Value
User attribute Values 255	3211	20/ABT_VALUE	Value
User attribute Values 256	3212	20/ABT_VALUE	Value
User attribute Values 257	3213	20/ABT_VALUE	Value
User attribute Values 258	3214	20/ABT_VALUE	Value
User attribute Values 259	3215	20/ABT_VALUE	Value
User attribute Values 26	1866	20/ABT_VALUE	Value
User attribute Values 260	3216	20/ABT_VALUE	Value
User attribute Values 261	3217	20/ABT_VALUE	Value
User attribute Values 262	3218	20/ABT_VALUE	Value
User attribute Values 263	3219	20/ABT_VALUE	Value
User attribute Values 264	3220	20/ABT_VALUE	Value
User attribute Values 265	3221	20/ABT_VALUE	Value
User attribute Values 266	3222	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 267	3223	20/ABT_VALUE	Value
User attribute Values 268	3224	20/ABT_VALUE	Value
User attribute Values 269	3225	20/ABT_VALUE	Value
User attribute Values 27	1867	20/ABT_VALUE	Value
User attribute Values 270	3226	20/ABT_VALUE	Value
User attribute Values 271	3227	20/ABT_VALUE	Value
User attribute Values 272	3228	20/ABT_VALUE	Value
User attribute Values 273	3229	20/ABT_VALUE	Value
User attribute Values 274	3230	20/ABT_VALUE	Value
User attribute Values 275	3231	20/ABT_VALUE	Value
User attribute Values 276	3232	20/ABT_VALUE	Value
User attribute Values 277	3233	20/ABT_VALUE	Value
User attribute Values 278	3234	20/ABT_VALUE	Value
User attribute Values 279	3235	20/ABT_VALUE	Value
User attribute Values 28	1868	20/ABT_VALUE	Value
User attribute Values 280	3236	20/ABT_VALUE	Value
User attribute Values 281	3237	20/ABT_VALUE	Value
User attribute Values 282	3238	20/ABT_VALUE	Value
User attribute Values 283	3239	20/ABT_VALUE	Value
User attribute Values 284	3240	20/ABT_VALUE	Value
User attribute Values 285	3241	20/ABT_VALUE	Value
User attribute Values 286	3242	20/ABT_VALUE	Value
User attribute Values 287	3243	20/ABT_VALUE	Value
User attribute Values 288	3244	20/ABT_VALUE	Value
User attribute Values 289	3245	20/ABT_VALUE	Value
User attribute Values 29	1869	20/ABT_VALUE	Value
User attribute Values 290	3246	20/ABT_VALUE	Value
User attribute Values 291	3247	20/ABT_VALUE	Value
User attribute Values 292	3248	20/ABT_VALUE	Value
User attribute Values 293	3249	20/ABT_VALUE	Value
User attribute Values 294	3250	20/ABT_VALUE	Value
User attribute Values 295	3251	20/ABT_VALUE	Value
User attribute Values 296	3252	20/ABT_VALUE	Value
User attribute Values 297	3253	20/ABT_VALUE	Value
User attribute Values 298	3254	20/ABT_VALUE	Value
User attribute Values 299	3255	20/ABT_VALUE	Value
User attribute Values 3	1345	20/ABT_VALUE	Value
User attribute Values 30	1870	20/ABT_VALUE	Value
User attribute Values 300	3256	20/ABT_VALUE	Value
User attribute Values 301	3257	20/ABT_VALUE	Value
User attribute Values 302	3258	20/ABT_VALUE	Value
User attribute Values 303	3259	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 304	3260	20/ABT_VALUE	Value
User attribute Values 305	3261	20/ABT_VALUE	Value
User attribute Values 306	3262	20/ABT_VALUE	Value
User attribute Values 307	3263	20/ABT_VALUE	Value
User attribute Values 308	3264	20/ABT_VALUE	Value
User attribute Values 309	3265	20/ABT_VALUE	Value
User attribute Values 31	1871	20/ABT_VALUE	Value
User attribute Values 310	3266	20/ABT_VALUE	Value
User attribute Values 311	3267	20/ABT_VALUE	Value
User attribute Values 312	3268	20/ABT_VALUE	Value
User attribute Values 313	3269	20/ABT_VALUE	Value
User attribute Values 314	3270	20/ABT_VALUE	Value
User attribute Values 315	3271	20/ABT_VALUE	Value
User attribute Values 316	3272	20/ABT_VALUE	Value
User attribute Values 317	3273	20/ABT_VALUE	Value
User attribute Values 318	3274	20/ABT_VALUE	Value
User attribute Values 319	3275	20/ABT_VALUE	Value
User attribute Values 32	1872	20/ABT_VALUE	Value
User attribute Values 320	3276	20/ABT_VALUE	Value
User attribute Values 33	1873	20/ABT_VALUE	Value
User attribute Values 34	1874	20/ABT_VALUE	Value
User attribute Values 35	1875	20/ABT_VALUE	Value
User attribute Values 36	1876	20/ABT_VALUE	Value
User attribute Values 37	1877	20/ABT_VALUE	Value
User attribute Values 38	1878	20/ABT_VALUE	Value
User attribute Values 39	1879	20/ABT_VALUE	Value
User attribute Values 4	1346	20/ABT_VALUE	Value
User attribute Values 40	1880	20/ABT_VALUE	Value
User attribute Values 41	1881	20/ABT_VALUE	Value
User attribute Values 42	1882	20/ABT_VALUE	Value
User attribute Values 43	1883	20/ABT_VALUE	Value
User attribute Values 44	1884	20/ABT_VALUE	Value
User attribute Values 45	1885	20/ABT_VALUE	Value
User attribute Values 46	1886	20/ABT_VALUE	Value
User attribute Values 47	1887	20/ABT_VALUE	Value
User attribute Values 48	1888	20/ABT_VALUE	Value
User attribute Values 49	1889	20/ABT_VALUE	Value
User attribute Values 5	1347	20/ABT_VALUE	Value
User attribute Values 50	1890	20/ABT_VALUE	Value
User attribute Values 51 (language-dependent)	2074	20/ABT_VALUE	Value
User attribute Values 52 (language-dependent)	2075	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 53 (language-dependent)	2076	20/ABT_VALUE	Value
User attribute Values 54 (language-dependent)	2077	20/ABT_VALUE	Value
User attribute Values 55 (language-dependent)	2078	20/ABT_VALUE	Value
User attribute Values 56 (language-dependent)	2079	20/ABT_VALUE	Value
User attribute Values 57 (language-dependent)	2080	20/ABT_VALUE	Value
User attribute Values 58 (language-dependent)	2081	20/ABT_VALUE	Value
User attribute Values 59 (language-dependent)	2082	20/ABT_VALUE	Value
User attribute Values 6 (language-dependent)	1348	20/ABT_VALUE	Value
User attribute Values 60 (language-dependent)	2083	20/ABT_VALUE	Value
User attribute Values 61 (language-dependent)	2448	20/ABT_VALUE	Value
User attribute Values 62 (language-dependent)	2449	20/ABT_VALUE	Value
User attribute Values 63 (language-dependent)	2450	20/ABT_VALUE	Value
User attribute Values 64 (language-dependent)	2451	20/ABT_VALUE	Value
User attribute Values 65 (language-dependent)	2452	20/ABT_VALUE	Value
User attribute Values 66 (language-dependent)	2453	20/ABT_VALUE	Value
User attribute Values 67 (language-dependent)	2454	20/ABT_VALUE	Value
User attribute Values 68 (language-dependent)	2455	20/ABT_VALUE	Value
User attribute Values 69 (language-dependent)	2456	20/ABT_VALUE	Value
User attribute Values 7 (language-dependent)	1349	20/ABT_VALUE	Value
User attribute Values 70 (language-dependent)	2457	20/ABT_VALUE	Value
User attribute Values 71 (language-dependent)	2943	20/ABT_VALUE	Value
User attribute Values 72 (language-dependent)	2944	20/ABT_VALUE	Value
User attribute Values 73 (language-dependent)	2945	20/ABT_VALUE	Value
User attribute Values 74 (language-dependent)	2946	20/ABT_VALUE	Value
User attribute Values 75 (language-dependent)	2947	20/ABT_VALUE	Value
User attribute Values 76 (language-dependent)	2948	20/ABT_VALUE	Value
User attribute Values 77 (language-dependent)	2949	20/ABT_VALUE	Value

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
User attribute Values 78 (language-dependent)	2950	20/ABT_VALUE	Value
User attribute Values 79 (language-dependent)	2951	20/ABT_VALUE	Value
User attribute Values 8	1350	20/ABT_VALUE	Value
User attribute Values 80 (language-dependent)	2952	20/ABT_VALUE	Value
User attribute Values 81 (language-dependent)	2953	20/ABT_VALUE	Value
User attribute Values 82 (language-dependent)	2954	20/ABT_VALUE	Value
User attribute Values 83 (language-dependent)	2955	20/ABT_VALUE	Value
User attribute Values 84 (language-dependent)	2956	20/ABT_VALUE	Value
User attribute Values 85 (language-dependent)	2957	20/ABT_VALUE	Value
User attribute Values 86 (language-dependent)	2958	20/ABT_VALUE	Value
User attribute Values 87 (language-dependent)	2959	20/ABT_VALUE	Value
User attribute Values 88 (language-dependent)	2960	20/ABT_VALUE	Value
User attribute Values 89 (language-dependent)	2961	20/ABT_VALUE	Value
User attribute Values 9	1351	20/ABT_VALUE	Value
User attribute Values 90 (language-dependent)	2962	20/ABT_VALUE	Value
User attribute Values 91 (language-dependent)	2963	20/ABT_VALUE	Value
User attribute Values 92 (language-dependent)	2964	20/ABT_VALUE	Value
User attribute Values 93 (language-dependent)	2965	20/ABT_VALUE	Value
User attribute Values 94 (language-dependent)	2966	20/ABT_VALUE	Value
User attribute Values 95 (language-dependent)	2967	20/ABT_VALUE	Value
User attribute Values 96 (language-dependent)	2968	20/ABT_VALUE	Value
User attribute Values 97 (language-dependent)	2969	20/ABT_VALUE	Value
User attribute Values 98 (language-dependent)	2970	20/ABT_VALUE	Value
User attribute Values 99 (language-dependent)	2971	20/ABT_VALUE	Value
User exit	457	2/ABT_SINGLELINE	One-liner
User management	1002	2/ABT_BOOL	Boolean
Valid from	384	20/ABT_DATE	Date
Valid until	385	20/ABT_DATE	Date
Validity	621	1000/ABT_MULTILINE	N-liner

Table 13–699 (Cont.) Attribute Type Name

Attribute Type Name	Type No.	Attribute Type Length	Data Type
Value	1369	10000000/ABT_MULTILINE	N-liner
Value	291	100/ABT_SINGLELINE	One-liner
Value	298	100/ABT_SINGLELINE	One-liner
Value	1136	80/ABT_MULTILINE	N-liner
Value	1691	10000000/ABT_MULTILINE	N-liner
Value (CDU)	567	20/ABT_FLOAT	Floating point number
Value (logical)	1138	2/ABT_BOOL	Boolean
Value (numeric)	1137	10/ABT_FLOAT	Floating point number
Value 1	265	2000/ABT_MULTILINE	N-liner
Value 2	266	2000/ABT_MULTILINE	N-liner
Value language	1692	500/ABT_SINGLELINE	One-liner
Variable access serializable	2396	2/ABT_BOOL	Boolean
Variations	1609	10000000/ABT_MULTILINE	N-liner
Version	1473	20/ABT_SINGLELINE	One-liner
Version/Release	242	100/ABT_SINGLELINE	One-liner
View	1596	50/ABT_VALUE	Value
Virtual inheritance	1511	2/ABT_BOOL	Boolean
Visibility	981	20/ABT_VALUE	Value
Visibility (Src)	1514	20/ABT_VALUE	Value
Visibility (Trg)	1515	20/ABT_VALUE	Value
Wait time	366	20/ABT_COMBINED	Combined
Wait time sum	590	10/ABT_COMBINED	Combined
Warehouse equip. number	319	100/ABT_SINGLELINE	One-liner
Watch	3328	2/ABT_BOOL	Boolean
Weighting factor	122	4/ABT_INTEGER	Integer
What to watch	3330	256/ABT_SINGLELINE	One-liner
When to watch	3329	50/ABT_VALUE	Value
With complaint	892	2/ABT_BOOL	Boolean
Workflow	459	2/ABT_SINGLELINE	One-liner
Workflow class	1263	2/ABT_BOOL	Boolean
Workflow domain	1246	256/ABT_MULTILINE	N-liner
Workflow pattern	3292	20/ABT_VALUE	Value
Workflow pattern (transformation)	3298	10000000/ABT_MULTILINE	N-liner
WPDL-external attribute list	848	512/ABT_MULTILINE	N-liner
X position	788	4/ABT_INTEGER	Integer
Y position	789	4/ABT_INTEGER	Integer

13.14 Columns/Rows (LaneTypeNum)

Table 13–700 *Name*

Name	Column and Row Number
'Belongs to' row	57/LT_BELONGS_TO
'Consists of' column	56/LT_CONS_OF
Accepts	77/LT_AGREES_2
Accepts	52/LT_AGREES_1
Application system	6/LT_APPL_SYS
Archives	86/LT_ARCH
Batch	10/LT_BAT
Belongs to	117/LT_BELONGS_TO_BUSINESS_SEGMENT
Business participants	61/LT_BUS_PART
Can be user	97/LT_CAN_BE_USER
Carries out	22/LT_EXEC_1
Carries out	60/LT_EXEC_3
Carries out	68/LT_EXEC_4
Carries out/Supports	28/LT_EXEC_SUPP
Changes	85/LT_CHNG
Competence	99/LT_COMPETENCE
Contributes to	45/LT_CONTR_TO_1
Contributes to	69/LT_CONTR_TO_2
Creates	87/LT_CRT_1
Creates	91/LT_CRT_2
Creatives	100/LT_CREATIVES
Cross	98/LT_CROSS
Data	108/LT_DATA_8
Data	3/LT_DATA_1
Data & information carrier	66/LT_DATA_INFO_CARR
Decides on	46/LT_DECID_ON_1
Decides on	72/LT_DECID_ON_2
Default	9999/LT_DEFAULT
Deletes	88/LT_DEL
Dialog	11/LT_DLG
Disposes of	92/LT_IS_AVAILABLE
Distributes	89/LT_DISTR
Encompasses	111/LT_SUBSUMES
Event	1/LT_EVT
Function	2/LT_FUNC
Functions	109/LT_FUNC_1
Functions and KPIs	101/LT_FUNC_KPI
Functions, competencies and objectives	106/LT_FUNC_KNOWL_TRG
Functions, organization and improvements	104/LT_FUNC_ORG_IMPROV
Has consulting role in	53/LT_HAS_CONSLT_ROLE_IN_1

Table 13–700 (Cont.) Name

Name	Column and Row Number
Has consulting role in	76/LT_HAS_CONSLT_ROLE_IN_2
Has output of	84/LT_HAS_OUT
Improvement potential, tools and objectives	103/LT_TOOL_IMPROV_TRG
Input	24/LT_INP
Is approved by	80/LT_IS_GRANT_BY
Is assigned to	93/LT_IS_ASSIG
Is assigned to	112/LT_IS_ASSIGN_1
Is checked by	81/LT_IS_CHCKD_BY
Is input for	79/LT_IS_INP_FOR
Is IT responsible for	47/LT_IS_DP_RESP_1
Is IT responsible for	71/LT_IS_DP_RESP_2
Is measured by	119/LT_MEASURED_BY
Is required for	83/LT_IS_NEEDED_BY
Is technically responsible for	48/LT_IS_TECH_RESP_1
Is technically responsible for	70/LT_IS_TECH_RES_2
Is used by	82/LT_IS_USED_BY
Layout	107/LT_LAYOUT
Main process column	54/LT_MAIN_PRCs
Manually	12/LT_MAN
Market	116/LT_MARKET
Material/Packaging material	14/LT_MAT_PACK
Medium	4/LT_MEDIUM
Must be informed about	74/LT_MUST_BE_INFO_ABt_2
Must be informed about	51/LT_MUST_BE_INFO_ABt_1
Must be informed on cancellation	49/LT_MUST_BE_INFO_ON_CNC_1
Must inform about result of	73/LT_MUST_INFO_ABt_RES_2
Must inform about result of	50/LT_MUST_INFO_ABt_RES_1
Objective	58/LT_OBJCTV
Objects	25/LT_OBJS
On cancellation, must be informed about	75/LT_MUST_BE_INFO_ON_CNC_2
Organization and competencies	102/LT_ORG_KNOWL
Organization, KPIs and tools	105/LT_ORG_KPI_TOOL
Organizational elements	26/LT_ORGELEM
Organizational unit	7/LT_ORG_UNIT
OrgElements/Application system	29/LT_ORGELEM_APPSYS
Other	94/LT_OTHERS_2
Other	59/LT_OTHERS_1
Output	23/LT_OUT
Process	67/LT_PRCs
Product/Service	27/LT_PERF
Product/Service	118/LT_PRODUCT_SERVICE
Reads	90/LT_READ

Table 13-700 (Cont.) Name

Name	Column and Row Number
Relationships	9998/LT_RELSHP
Scenario line	55/LT_SCENARIO
Screen	96/LT_SCRN
Screen/List	8/LT_SCRN_LST
Superior	110/LT_SUPERIOR
Supports	78/LT_SUPP
Technical resources	13/LT_TECH_RES
User	95/LT_USER

13.15 Enum. Values (AttrValueType)

In ARIS databases boolean values are represented by the enumeration values 4 (= 0) and 5 (= 1).

Table 13–701 Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content[illegible]

Table 13–701 (Cont.) Attribute Type Content

[illegible]

Table 13-701 (Cont.) Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content[illegible]

[illegible]

Table 13–701 (Cont.) Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
1	5	0	0
1	5	0	0
1	5	0	0
1	5	0	0
1	5	0	0
2	5528	0	0
2	1329	0	0
2...	96	0	0
2...	96	0	0
3	5529	0	0
3	1330	0	0
4	5530	0	0
4	1331	0	0
5	1332	0	0
:=	359	0	0
<	198	0	0
<=	199	0	0
=	194	0	0
>	196	0	0
>=	197	0	0
Aborted	230	0	0
Abstract	1375	0	0
Abstract	1404	0	0
Abstract BPEL activity	5520	0	0
Active	70	0	0
Active	611	0	0
Add only	641	0	0
Additive	472	0	0
After completion	5543	0	0
After fault	5544	0	0
Aggregation	409	0	0
Aggregation	409	0	0
Align left	318	0	0
Align right	317	0	0
All	1367	0	0
Allowed	444	0	0
Also subordinate units	291	0	0
Alternative	473	0	0
Always	5573	0	0
AND	18	0	0
AND	1357	0	0
AND/OR	23	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
AND/XOR	24	0	0
Application	121	0	0
As early as possible	164	0	0
As late as possible	165	0	0
Ascending	97	0	0
Association	649	0	0
Asynchronous	3904	0	0
Asynchronous division	425	0	0
At the beginning	5542	0	0
ATS	31	0	0
ATS	31	0	0
ATS	31	0	0
AUD	1338	0	0
AUD	1338	0	0
AUD	1338	0	0
Automatic	136	0	0
Available	210	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	56	0	0
Average	1341	0	0
Average	56	0	0
Average	1341	0	0
Average	56	0	0
Average	1341	0	0
Backward	178	0	0
BCC	5525	0	0
BGN	469	0	0
BGN	469	0	0
BGN	469	0	0
Binary	1266	0	0
Binding	218	0	0
BLOB	617	0	0
BND	585	0	0
BND	585	0	0
BND	585	0	0
Boolean	77	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Boolean	77	0	0
Boolean	1271	0	0
BPTS object	208	0	0
Building	64	0	0
Bus	107	0	0
Bus	107	0	0
By reference	613	0	0
By reference	613	0	0
By reference	613	0	0
By value	612	0	0
By value	612	0	0
By value	612	0	0
c	12	0	0
c	12	0	0
c	12	0	0
c	12	0	0
c	12	0	0
c	12	0	0
CAD	39	0	0
CAD	39	0	0
CAD	39	0	0
Calendar days	433	0	0
Calendar months	435	0	0
Calendar weeks	434	0	0
Can no longer be achieved	205	0	0
Can no longer be completed	241	0	0
Cancel	1347	0	0
Cannot be achieved	213	0	0
Cannot be changed	220	0	0
Card	100	0	0
Catastrophic	648	0	0
Catastrophic	648	0	0
CC	5524	0	0
CDATA	592	0	0
Centered	319	0	0
Changeable	639	0	0
Char	76	0	0
Char (n)	78	0	0
Check box	624	0	0
Chen	5569	0	0
CHF	40	0	0
CHF	40	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
CHF	40	0	0
Choice	658	0	0
Class	604	0	0
ClassUtility	607	0	0
Client	439	0	0
cn	13	0	0
cn	13	0	0
cn	13	0	0
cn	13	0	0
cn	13	0	0
cn	13	0	0
Collaboration	1405	0	0
Combo box	278	0	0
Company-external	129	0	0
Company-internal	128	0	0
Compensate	1362	0	0
Compensation	1348	0	0
Complete	149	0	0
Completed	240	0	0
Complex	1369	0	0
Complex	543	0	0
Complex	1353	0	0
Composition	408	0	0
Composition	408	0	0
Computer	101	0	0
concurrent	574	0	0
Confidential	153	0	0
Constant	390	0	0
Constant	390	0	0
Constant	390	0	0
Constant	390	0	0
Constant	390	0	0
Constant	390	0	0
Constant	390	0	0
Container for liquid materials	146	0	0
Container for solid materials	147	0	0
Contingency process	615	0	0
Continue at first activation	1061	0	0
Control process	616	0	0
Copy	246	0	0
CSMA/CD	117	0	0
CZK	1064	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
CZK	1064	0	0
Daily	377	0	0
Data	126	0	0
Date	79	0	0
Date	476	0	0
Day(s)	46	86400	43
Day(s)	46	86400	43
Decimal (n,m)	80	0	0
Decision table	15	0	0
Deep history	653	0	0
Default	315	0	0
Default	1378	0	0
Delivery channel	480	0	0
DEM	25	1	25
DEM	25	1	25
DEM	25	1	25
Descending	98	0	0
Design	5576	0	0
Details	631	0	0
Discarded	5579	0	0
DKK	34	0	0
DKK	34	0	0
DKK	34	0	0
Do	442	0	0
Do not compare	166	0	0
Done	572	0	0
Done	572	0	0
Drop-down combo box	626	0	0
Drop-list combo box	627	0	0
Duration	193	0	0
DZD	37	0	0
DZD	37	0	0
DZD	37	0	0
Email	5535	0	0
Embedded	1360	0	0
Empiric data	646	0	0
Empty	5519	0	0
End	1359	0	0
End	156	0	0
End not after	161	0	0
End not before	160	0	0
End product	140	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Endif	441	0	0
ENTITIES	597	0	0
ENTITY	596	0	0
Enumeration type	191	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Equal distribution	391	0	0
Erlang distribution	395	0	0
Erlang distribution	395	0	0
Erlang distribution	395	0	0
Erlang distribution	395	0	0
Erlang distribution	395	0	0
Erlang distribution	395	0	0
Erlang distribution	395	0	0
Error	1346	0	0
ESP	33	0	0
ESP	33	0	0
ESP	33	0	0
Ethernet	111	0	0
EUR	331	0	0
EUR	331	0	0
EUR	331	0	0
Execution-related	544	0	0
Expert estimation	645	0	0
Exponential distribution	394	0	0
Exponential distribution	394	0	0
Exponential distribution	394	0	0
Exponential distribution	394	0	0
Exponential distribution	394	0	0
Exponential distribution	394	0	0
Exponential distribution	394	0	0
Expression	1377	0	0
Expression	1272	0	0
Extended list box	622	0	0
External	54	0	0
External	54	0	0
External (not IT)	69	0	0

[illegible]

Table 13-701 (Cont.) Attribute Type Content

[illegible]

[illegible]

Table 13-701 (Cont.) Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
False	1058	0	0
False	1058	0	0
Fax	5536	0	0
FDDI	114	0	0
FF	187	0	0
File	206	0	0
FIM	330	0	0
FIM	330	0	0
FIM	330	0	0
Finished	216	0	0
Finished	216	0	0
Fiscal	312	0	0
Float	81	0	0
Floating point number	189	0	0
For	1465	0	0
Fork	656	0	0
Forward	177	0	0
FRF	29	0	0
FRF	29	0	0
FRF	29	0	0
From confirmation of activity	436	0	0
From process begin	437	0	0
Frozen	640	0	0
FS	186	0	0
FYI assignee	5550	0	0
Gamma distribution	541	0	0
Gamma distribution	541	0	0
Gamma distribution	541	0	0
Gamma distribution	541	0	0
GBP	38	0	0
GBP	38	0	0
GBP	38	0	0
General	545	0	0
Good	55	0	0
Good	55	0	0
Good	55	0	0
GRD	455	0	0
GRD	455	0	0
GRD	455	0	0
Group vote	5531	0	0
Guarded	322	0	0
Guarded	322	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Has confirmed	181	0	0
Has error status	235	0	0
Hex	82	0	0
High	170	0	0
High	170	0	0
High	170	0	0
High	170	0	0
High	170	0	0
High	170	0	0
High	1342	0	0
High	170	0	0
High	1342	0	0
High	1342	0	0
Higher	169	0	0
Highest	167	0	0
Highest	167	0	0
HKD	589	0	0
HKD	589	0	0
HKD	589	0	0
Hour(s)	45	3600	43
Hour(s)	45	3600	43
Hourly	376	0	0
Hours	432	0	0
HRK	466	0	0
HRK	466	0	0
HRK	466	0	0
HUF	467	0	0
HUF	467	0	0
HUF	467	0	0
ID	593	0	0
IDR	584	0	0
IDR	584	0	0
IDR	584	0	0
IDREF	594	0	0
IDREFS	595	0	0
If	440	0	0
ILS	458	0	0
ILS	458	0	0
ILS	458	0	0
Image	1364	0	0
Implementation	327	0	0
Implementation	327	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Implementation	327	0	0
Implemented	5578	0	0
In	636	0	0
In	1462	0	0
In process	148	0	0
In process	148	0	0
In process	148	0	0
In process	148	0	0
In process	148	0	0
In process	148	0	0
Inactive	71	0	0
Independent	1361	0	0
Initial	652	0	0
Initialize	245	0	0
Inout	638	0	0
INR	457	0	0
INR	457	0	0
INR	457	0	0
InstantiatedClass	606	0	0
InstantiatedClassUtility	609	0	0
Integer	83	0	0
Integer	190	0	0
Integer	1269	0	0
Intermediate product	141	0	0
Internal	53	0	0
Internal	53	0	0
Internal	53	0	0
Internal client function	447	0	0
Internal server function	448	0	0
Inversely proportional	591	0	0
Invoke	5521	0	0
Is active	182	0	0
Is defined	179	0	0
Is inactive	183	0	0
Is not defined	579	0	0
Is planned	180	0	0
ISO notation	5571	0	0
ITL	30	0	0
ITL	30	0	0
ITL	30	0	0
JOD	3902	0	0
JOD	3902	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
JOD	3902	0	0
Join	655	0	0
Junction	657	0	0
Justify	320	0	0
KPW	42	0	0
KPW	42	0	0
KPW	42	0	0
Label and text box	280	0	0
Label only	281	0	0
Lagging indicator	552	0	0
LAN	108	0	0
Large icons	628	0	0
Last change	151	0	0
Leading indicator	551	0	0
Link	1350	0	0
List	630	0	0
Log-normal distribution	393	0	0
Log-normal distribution	393	0	0
Log-normal distribution	393	0	0
Log-normal distribution	393	0	0
Log-normal distribution	393	0	0
Log-normal distribution	393	0	0
Log-normal distribution	393	0	0
Low	222	0	0
Low	222	0	0
Low	171	0	0
Low	222	0	0
Low	388	0	0
Low	171	0	0
Low	1340	0	0
Low	171	0	0
Low	1340	0	0
Low	1340	0	0
Lower	172	0	0
Lowest	174	0	0
LUF	35	0	0
LUF	35	0	0
LUF	35	0	0
MAD	461	0	0
MAD	461	0	0
MAD	461	0	0
MAN	110	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Management chain	5548	0	0
Manager	414	0	0
Mandatory	221	0	0
Manual	1376	0	0
Maximum	389	0	0
MDEM	27	1000000	25
MDEM	27	1000000	25
MDEM	27	1000000	25
Meeting	123	0	0
Meshed network	116	0	0
Message	1344	0	0
MetaClass	610	0	0
Minute(s)	44	60	43
Minute(s)	44	60	43
Modifies	1334	0	0
Modify	244	0	0
Monthly	379	0	0
Multi-instance	1366	0	0
Multiple	1351	0	0
Multiple list box	621	0	0
Must end on	163	0	0
Must start on	162	0	0
My role	1467	0	0
MYR	460	0	0
MYR	460	0	0
MYR	460	0	0
n	14	0	0
n	14	0	0
n	14	0	0
n	14	0	0
n	14	0	0
n	14	0	0
n	14	0	0
Network	125	0	0
Network component	102	0	0
Never	382	0	0
NLG	41	0	0
NLG	41	0	0
NLG	41	0	0
NMTOKEN	598	0	0
NMTOKENS	599	0	0
No	5540	0	0

Table 13-701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
NOK	470	0	0
NOK	470	0	0
NOK	470	0	0
Non-automated	137	0	0
Non-unique	104	0	0
None	75	0	0
Normal distribution	392	0	0
Normal distribution	392	0	0
Normal distribution	392	0	0
Normal distribution	392	0	0
Normal distribution	392	0	0
Normal distribution	392	0	0
Normal distribution	392	0	0
Not allowed	445	0	0
Not allowed simultaneously	446	0	0
Not assigned	571	0	0
Not assigned	571	0	0
Not binary	1265	0	0
Not feasible	5580	0	0
Not set	201	0	0
Not synchronized	1063	0	0
Not yet achieved	202	0	0
Not yet achieved	202	0	0
Not yet completed	239	0	0
Number (n)	84	0	0
Number (n,m)	91	0	0
Oct	85	0	0
Office	65	0	0
On a business trip	214	0	0
On leave	212	0	0
Once per batch	5605	0	0
Once per process instance	5574	0	0
Once per simulation run	5575	0	0
One	1368	0	0
Optional	219	0	0
OR	16	0	0
OR	1356	0	0
OR/AND	20	0	0
OR/XOR	19	0	0
Organization-related	547	0	0
Other	115	0	0
Other	5607	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Other	115	0	0
Other	209	0	0
Other	120	0	0
Other currency	464	0	0
Other currency	464	0	0
Other currency	464	0	0
Out	637	0	0
Out	1463	0	0
Out-in	1464	0	0
Outstanding	549	0	0
Package	635	0	0
Package	635	0	0
Package	635	0	0
Pager	5537	0	0
ParameterizedClass	605	0	0
ParameterizedClassUtility	608	0	0
Partner role	1468	0	0
persistent	554	0	0
Person-related	548	0	0
PHP	586	0	0
PHP	586	0	0
PHP	586	0	0
Physical	127	0	0
Plant	63	0	0
PLZ	465	0	0
PLZ	465	0	0
PLZ	465	0	0
Point in time	192	0	0
Poor	57	0	0
Poor	57	0	0
Poor	57	0	0
Postponed	573	0	0
Postponed	573	0	0
Postponed	573	0	0
Presentation	122	0	0
Private	326	0	0
Private	326	0	0
Private	326	0	0
Private	326	0	0
Private	1403	0	0
Pro rata	157	0	0
Process	478	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Process manager	249	0	0
Process starter	248	0	0
Product	479	0	0
Proportional	590	0	0
Proposed	1326	0	0
Protected	325	0	0
Protected	325	0	0
Protected	325	0	0
Provide	328	0	0
PTE	462	0	0
PTE	462	0	0
PTE	462	0	0
Public	324	0	0
Public	324	0	0
Public	324	0	0
Public	324	0	0
Public	154	0	0
Purchased product	139	0	0
QAR	459	0	0
QAR	459	0	0
QAR	459	0	0
R\$	582	0	0
R\$	582	0	0
R\$	582	0	0
Radio button	279	0	0
Radio button	623	0	0
Raw (n)	92	0	0
Raw (n,m)	93	0	0
Ready	215	0	0
Ready	215	0	0
Ready for implementation	5577	0	0
Real	86	0	0
Receive	5522	0	0
Receive	1371	0	0
Receiver	5523	0	0
Recipient	415	0	0
Record	207	0	0
Reference	1337	0	0
Rejected	581	0	0
Rejected	581	0	0
Released	150	0	0
Released	150	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Remaining quantity recyclable	143	0	0
Remaining quantity reusable	142	0	0
Remove only	642	0	0
Reply to	5526	0	0
Require	329	0	0
Resize proportionately	316	0	0
Return	650	0	0
Rich text box	619	0	0
Ring network	106	0	0
Ring network	106	0	0
Rising	384	0	0
RMB	587	0	0
RMB	587	0	0
RMB	587	0	0
RUB	468	0	0
RUB	468	0	0
RUB	468	0	0
Rule	1349	0	0
Sales product	138	0	0
Same width	314	0	0
Schlageter/Stucky	5570	0	0
Script	1374	0	0
Secret	152	0	0
SEK	32	0	0
SEK	32	0	0
SEK	32	0	0
Seldom	381	0	0
Send	1372	0	0
Sequential	321	0	0
Sequential	321	0	0
Sequential list of approvers	5549	0	0
Server	438	0	0
Service	1370	0	0
Set	200	0	0
SF	185	0	0
SGD	583	0	0
SGD	583	0	0
SGD	583	0	0
Shallow history	654	0	0
Sharply falling	387	0	0
Sharply rising	383	0	0
Sick leave	211	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Simple	542	0	0
Single approver	5532	0	0
Single list box	620	0	0
SIT	471	0	0
SIT	471	0	0
SIT	471	0	0
Slotted ring protocol	119	0	0
Small icons	629	0	0
Smallint	87	0	0
SMS	5538	0	0
Sovereign	311	0	0
SS	184	0	0
Stable	385	0	0
Standard	1365	0	0
Standard combo box	625	0	0
Standard text box	618	0	0
Star network	105	0	0
Star network	105	0	0
Start	1358	0	0
Start not after	159	0	0
Start not before	158	0	0
Store	1363	0	0
String	1270	0	0
Submitted for checking	1327	0	0
Subordinate units only	292	0	0
Subsidiary	62	0	0
Suspended	232	0	0
Synchronize all active paths	1060	0	0
Synchronized	1062	0	0
Synchronous	323	0	0
Synchronous	3903	0	0
Synchronous division	426	0	0
Synonym 1	416	0	0
Synonym 2	417	0	0
Synonym 3	418	0	0
Synonym 4	419	0	0
Synonym 5	420	0	0
Synonym 6	421	0	0
Synonym 7	422	0	0
Synonym 8	423	0	0
Synonym 9	424	0	0
System-external	68	0	0

[illegible]

Table 13-701 (Cont.) Attribute Type Content

[illegible]

[illegible]

Table 13–701 (Cont.) Attribute Type Content

[illegible]

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
True	1059	0	0
TWD	588	0	0
TWD	588	0	0
TWD	588	0	0
Unimportant	647	0	0
Unimportant	647	0	0
Unique	103	0	0
Unspecified	5608	0	0
Unspecified	614	0	0
Unspecified	614	0	0
Unspecified	614	0	0
Until	1466	0	0
Until	443	0	0
Upon compensation	5546	0	0
Upon retry	5545	0	0
USD	28	0	0
USD	28	0	0
USD	28	0	0
User	1373	0	0
Uses	1333	0	0
Value 1	3908	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1	397	0	0
Value 1	3908	0	0
Value 1	3908	0	0
Value 1	3908	0	0
Value 10	3917	0	0
Value 10	3917	0	0
Value 10	3917	0	0
Value 10	406	0	0
Value 10	3917	0	0
Value 100	707	0	0
Value 1000	1821	0	0
Value 1001	1822	0	0
Value 1002	1823	0	0
Value 1003	1824	0	0
Value 1004	1825	0	0
Value 1005	1826	0	0
Value 1006	1827	0	0
Value 1007	1828	0	0
Value 1008	1829	0	0
Value 1009	1830	0	0
Value 101	708	0	0
Value 1010	1831	0	0
Value 1011	1832	0	0
Value 1012	1833	0	0
Value 1013	1834	0	0
Value 1014	1835	0	0
Value 1015	1836	0	0
Value 1016	1837	0	0
Value 1017	1838	0	0
Value 1018	1839	0	0
Value 1019	1840	0	0
Value 102	709	0	0
Value 1020	1841	0	0
Value 1021	1842	0	0
Value 1022	1843	0	0
Value 1023	1844	0	0
Value 1024	1845	0	0
Value 1025	1846	0	0
Value 1026	1847	0	0
Value 1027	1848	0	0
Value 1028	1849	0	0
Value 1029	1850	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 103	710	0	0
Value 1030	1851	0	0
Value 1031	1852	0	0
Value 1032	1853	0	0
Value 1033	1854	0	0
Value 1034	1855	0	0
Value 1035	1856	0	0
Value 1036	1857	0	0
Value 1037	1858	0	0
Value 1038	1859	0	0
Value 1039	1860	0	0
Value 104	711	0	0
Value 1040	1861	0	0
Value 1041	1862	0	0
Value 1042	1863	0	0
Value 1043	1864	0	0
Value 1044	1865	0	0
Value 1045	1866	0	0
Value 1046	1867	0	0
Value 1047	1868	0	0
Value 1048	1869	0	0
Value 1049	1870	0	0
Value 105	712	0	0
Value 1050	1871	0	0
Value 1051	1872	0	0
Value 1052	1873	0	0
Value 1053	1874	0	0
Value 1054	1875	0	0
Value 1055	1876	0	0
Value 1056	1877	0	0
Value 1057	1878	0	0
Value 1058	1879	0	0
Value 1059	1880	0	0
Value 106	713	0	0
Value 1060	1881	0	0
Value 1061	1882	0	0
Value 1062	1883	0	0
Value 1063	1884	0	0
Value 1064	1885	0	0
Value 1065	1886	0	0
Value 1066	1887	0	0
Value 1067	1888	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1068	1889	0	0
Value 1069	1890	0	0
Value 107	714	0	0
Value 1070	1891	0	0
Value 1071	1892	0	0
Value 1072	1893	0	0
Value 1073	1894	0	0
Value 1074	1895	0	0
Value 1075	1896	0	0
Value 1076	1897	0	0
Value 1077	1898	0	0
Value 1078	1899	0	0
Value 1079	1900	0	0
Value 108	715	0	0
Value 1080	1901	0	0
Value 1081	1902	0	0
Value 1082	1903	0	0
Value 1083	1904	0	0
Value 1084	1905	0	0
Value 1085	1906	0	0
Value 1086	1907	0	0
Value 1087	1908	0	0
Value 1088	1909	0	0
Value 1089	1910	0	0
Value 109	716	0	0
Value 1090	1911	0	0
Value 1091	1912	0	0
Value 1092	1913	0	0
Value 1093	1914	0	0
Value 1094	1915	0	0
Value 1095	1916	0	0
Value 1096	1917	0	0
Value 1097	1918	0	0
Value 1098	1919	0	0
Value 1099	1920	0	0
Value 11	3918	0	0
Value 11	3918	0	0
Value 11	3918	0	0
Value 11	481	0	0
Value 11	3918	0	0
Value 110	717	0	0
Value 1100	1921	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1101	1922	0	0
Value 1102	1923	0	0
Value 1103	1924	0	0
Value 1104	1925	0	0
Value 1105	1926	0	0
Value 1106	1927	0	0
Value 1107	1928	0	0
Value 1108	1929	0	0
Value 1109	1930	0	0
Value 111	718	0	0
Value 1110	1931	0	0
Value 1111	1932	0	0
Value 1112	1933	0	0
Value 1113	1934	0	0
Value 1114	1935	0	0
Value 1115	1936	0	0
Value 1116	1937	0	0
Value 1117	1938	0	0
Value 1118	1939	0	0
Value 1119	1940	0	0
Value 112	719	0	0
Value 1120	1941	0	0
Value 1121	1942	0	0
Value 1122	1943	0	0
Value 1123	1944	0	0
Value 1124	1945	0	0
Value 1125	1946	0	0
Value 1126	1947	0	0
Value 1127	1948	0	0
Value 1128	1949	0	0
Value 1129	1950	0	0
Value 113	720	0	0
Value 1130	1951	0	0
Value 1131	1952	0	0
Value 1132	1953	0	0
Value 1133	1954	0	0
Value 1134	1955	0	0
Value 1135	1956	0	0
Value 1136	1957	0	0
Value 1137	1958	0	0
Value 1138	1959	0	0
Value 1139	1960	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 114	721	0	0
Value 1140	1961	0	0
Value 1141	1962	0	0
Value 1142	1963	0	0
Value 1143	1964	0	0
Value 1144	1965	0	0
Value 1145	1966	0	0
Value 1146	1967	0	0
Value 1147	1968	0	0
Value 1148	1969	0	0
Value 1149	1970	0	0
Value 115	722	0	0
Value 1150	1971	0	0
Value 1151	1972	0	0
Value 1152	1973	0	0
Value 1153	1974	0	0
Value 1154	1975	0	0
Value 1155	1976	0	0
Value 1156	1977	0	0
Value 1157	1978	0	0
Value 1158	1979	0	0
Value 1159	1980	0	0
Value 116	723	0	0
Value 1160	1981	0	0
Value 1161	1982	0	0
Value 1162	1983	0	0
Value 1163	1984	0	0
Value 1164	1985	0	0
Value 1165	1986	0	0
Value 1166	1987	0	0
Value 1167	1988	0	0
Value 1168	1989	0	0
Value 1169	1990	0	0
Value 117	724	0	0
Value 1170	1991	0	0
Value 1171	1992	0	0
Value 1172	1993	0	0
Value 1173	1994	0	0
Value 1174	1995	0	0
Value 1175	1996	0	0
Value 1176	1997	0	0
Value 1177	1998	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1178	1999	0	0
Value 1179	2000	0	0
Value 118	725	0	0
Value 1180	2001	0	0
Value 1181	2002	0	0
Value 1182	2003	0	0
Value 1183	2004	0	0
Value 1184	2005	0	0
Value 1185	2006	0	0
Value 1186	2007	0	0
Value 1187	2008	0	0
Value 1188	2009	0	0
Value 1189	2010	0	0
Value 119	726	0	0
Value 1190	2011	0	0
Value 1191	2012	0	0
Value 1192	2013	0	0
Value 1193	2014	0	0
Value 1194	2015	0	0
Value 1195	2016	0	0
Value 1196	2017	0	0
Value 1197	2018	0	0
Value 1198	2019	0	0
Value 1199	2020	0	0
Value 12	3919	0	0
Value 12	3919	0	0
Value 12	3919	0	0
Value 12	482	0	0
Value 12	3919	0	0
Value 120	727	0	0
Value 1200	2021	0	0
Value 1201	2022	0	0
Value 1202	2023	0	0
Value 1203	2024	0	0
Value 1204	2025	0	0
Value 1205	2026	0	0
Value 1206	2027	0	0
Value 1207	2028	0	0
Value 1208	2029	0	0
Value 1209	2030	0	0
Value 121	728	0	0
Value 1210	2031	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1211	2032	0	0
Value 1212	2033	0	0
Value 1213	2034	0	0
Value 1214	2035	0	0
Value 1215	2036	0	0
Value 1216	2037	0	0
Value 1217	2038	0	0
Value 1218	2039	0	0
Value 1219	2040	0	0
Value 122	729	0	0
Value 1220	2041	0	0
Value 1221	2042	0	0
Value 1222	2043	0	0
Value 1223	2044	0	0
Value 1224	2045	0	0
Value 1225	2046	0	0
Value 1226	2047	0	0
Value 1227	2048	0	0
Value 1228	2049	0	0
Value 1229	2050	0	0
Value 123	730	0	0
Value 1230	2051	0	0
Value 1231	2052	0	0
Value 1232	2053	0	0
Value 1233	2054	0	0
Value 1234	2055	0	0
Value 1235	2056	0	0
Value 1236	2057	0	0
Value 1237	2058	0	0
Value 1238	2059	0	0
Value 1239	2060	0	0
Value 124	731	0	0
Value 1240	2061	0	0
Value 1241	2062	0	0
Value 1242	2063	0	0
Value 1243	2064	0	0
Value 1244	2065	0	0
Value 1245	2066	0	0
Value 1246	2067	0	0
Value 1247	2068	0	0
Value 1248	2069	0	0
Value 1249	2070	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 125	732	0	0
Value 1250	2071	0	0
Value 1251	2072	0	0
Value 1252	2073	0	0
Value 1253	2074	0	0
Value 1254	2075	0	0
Value 1255	2076	0	0
Value 1256	2077	0	0
Value 1257	2078	0	0
Value 1258	2079	0	0
Value 1259	2080	0	0
Value 126	733	0	0
Value 1260	2081	0	0
Value 1261	2082	0	0
Value 1262	2083	0	0
Value 1263	2084	0	0
Value 1264	2085	0	0
Value 1265	2086	0	0
Value 1266	2087	0	0
Value 1267	2088	0	0
Value 1268	2089	0	0
Value 1269	2090	0	0
Value 127	734	0	0
Value 1270	2091	0	0
Value 1271	2092	0	0
Value 1272	2093	0	0
Value 1273	2094	0	0
Value 1274	2095	0	0
Value 1275	2096	0	0
Value 1276	2097	0	0
Value 1277	2098	0	0
Value 1278	2099	0	0
Value 1279	2100	0	0
Value 128	735	0	0
Value 1280	2101	0	0
Value 1281	2102	0	0
Value 1282	2103	0	0
Value 1283	2104	0	0
Value 1284	2105	0	0
Value 1285	2106	0	0
Value 1286	2107	0	0
Value 1287	2108	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1288	2109	0	0
Value 1289	2110	0	0
Value 129	736	0	0
Value 1290	2111	0	0
Value 1291	2112	0	0
Value 1292	2113	0	0
Value 1293	2114	0	0
Value 1294	2115	0	0
Value 1295	2116	0	0
Value 1296	2117	0	0
Value 1297	2118	0	0
Value 1298	2119	0	0
Value 1299	2120	0	0
Value 13	3920	0	0
Value 13	3920	0	0
Value 13	3920	0	0
Value 13	483	0	0
Value 13	3920	0	0
Value 130	737	0	0
Value 1300	2121	0	0
Value 1301	2122	0	0
Value 1302	2123	0	0
Value 1303	2124	0	0
Value 1304	2125	0	0
Value 1305	2126	0	0
Value 1306	2127	0	0
Value 1307	2128	0	0
Value 1308	2129	0	0
Value 1309	2130	0	0
Value 131	738	0	0
Value 1310	2131	0	0
Value 1311	2132	0	0
Value 1312	2133	0	0
Value 1313	2134	0	0
Value 1314	2135	0	0
Value 1315	2136	0	0
Value 1316	2137	0	0
Value 1317	2138	0	0
Value 1318	2139	0	0
Value 1319	2140	0	0
Value 132	739	0	0
Value 1320	2141	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1321	2142	0	0
Value 1322	2143	0	0
Value 1323	2144	0	0
Value 1324	2145	0	0
Value 1325	2146	0	0
Value 1326	2147	0	0
Value 1327	2148	0	0
Value 1328	2149	0	0
Value 1329	2150	0	0
Value 133	740	0	0
Value 1330	2151	0	0
Value 1331	2152	0	0
Value 1332	2153	0	0
Value 1333	2154	0	0
Value 1334	2155	0	0
Value 1335	2156	0	0
Value 1336	2157	0	0
Value 1337	2158	0	0
Value 1338	2159	0	0
Value 1339	2160	0	0
Value 134	741	0	0
Value 1340	2161	0	0
Value 1341	2162	0	0
Value 1342	2163	0	0
Value 1343	2164	0	0
Value 1344	2165	0	0
Value 1345	2166	0	0
Value 1346	2167	0	0
Value 1347	2168	0	0
Value 1348	2169	0	0
Value 1349	2170	0	0
Value 135	742	0	0
Value 1350	2171	0	0
Value 1351	2172	0	0
Value 1352	2173	0	0
Value 1353	2174	0	0
Value 1354	2175	0	0
Value 1355	2176	0	0
Value 1356	2177	0	0
Value 1357	2178	0	0
Value 1358	2179	0	0
Value 1359	2180	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 136	743	0	0
Value 1360	2181	0	0
Value 1361	2182	0	0
Value 1362	2183	0	0
Value 1363	2184	0	0
Value 1364	2185	0	0
Value 1365	2186	0	0
Value 1366	2187	0	0
Value 1367	2188	0	0
Value 1368	2189	0	0
Value 1369	2190	0	0
Value 137	744	0	0
Value 1370	2191	0	0
Value 1371	2192	0	0
Value 1372	2193	0	0
Value 1373	2194	0	0
Value 1374	2195	0	0
Value 1375	2196	0	0
Value 1376	2197	0	0
Value 1377	2198	0	0
Value 1378	2199	0	0
Value 1379	2200	0	0
Value 138	745	0	0
Value 1380	2201	0	0
Value 1381	2202	0	0
Value 1382	2203	0	0
Value 1383	2204	0	0
Value 1384	2205	0	0
Value 1385	2206	0	0
Value 1386	2207	0	0
Value 1387	2208	0	0
Value 1388	2209	0	0
Value 1389	2210	0	0
Value 139	746	0	0
Value 1390	2211	0	0
Value 1391	2212	0	0
Value 1392	2213	0	0
Value 1393	2214	0	0
Value 1394	2215	0	0
Value 1395	2216	0	0
Value 1396	2217	0	0
Value 1397	2218	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1398	2219	0	0
Value 1399	2220	0	0
Value 14	3921	0	0
Value 14	3921	0	0
Value 14	3921	0	0
Value 14	484	0	0
Value 14	3921	0	0
Value 140	747	0	0
Value 1400	2221	0	0
Value 1401	2222	0	0
Value 1402	2223	0	0
Value 1403	2224	0	0
Value 1404	2225	0	0
Value 1405	2226	0	0
Value 1406	2227	0	0
Value 1407	2228	0	0
Value 1408	2229	0	0
Value 1409	2230	0	0
Value 141	748	0	0
Value 1410	2231	0	0
Value 1411	2232	0	0
Value 1412	2233	0	0
Value 1413	2234	0	0
Value 1414	2235	0	0
Value 1415	2236	0	0
Value 1416	2237	0	0
Value 1417	2238	0	0
Value 1418	2239	0	0
Value 1419	2240	0	0
Value 142	749	0	0
Value 1420	2241	0	0
Value 1421	2242	0	0
Value 1422	2243	0	0
Value 1423	2244	0	0
Value 1424	2245	0	0
Value 1425	2246	0	0
Value 1426	2247	0	0
Value 1427	2248	0	0
Value 1428	2249	0	0
Value 1429	2250	0	0
Value 143	750	0	0
Value 1430	2251	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1431	2252	0	0
Value 1432	2253	0	0
Value 1433	2254	0	0
Value 1434	2255	0	0
Value 1435	2256	0	0
Value 1436	2257	0	0
Value 1437	2258	0	0
Value 1438	2259	0	0
Value 1439	2260	0	0
Value 144	751	0	0
Value 1440	2261	0	0
Value 1441	2262	0	0
Value 1442	2263	0	0
Value 1443	2264	0	0
Value 1444	2265	0	0
Value 1445	2266	0	0
Value 1446	2267	0	0
Value 1447	2268	0	0
Value 1448	2269	0	0
Value 1449	2270	0	0
Value 145	752	0	0
Value 1450	2271	0	0
Value 1451	2272	0	0
Value 1452	2273	0	0
Value 1453	2274	0	0
Value 1454	2275	0	0
Value 1455	2276	0	0
Value 1456	2277	0	0
Value 1457	2278	0	0
Value 1458	2279	0	0
Value 1459	2280	0	0
Value 146	753	0	0
Value 1460	2281	0	0
Value 1461	2282	0	0
Value 1462	2283	0	0
Value 1463	2284	0	0
Value 1464	2285	0	0
Value 1465	2286	0	0
Value 1466	2287	0	0
Value 1467	2288	0	0
Value 1468	2289	0	0
Value 1469	2290	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 147	754	0	0
Value 1470	2291	0	0
Value 1471	2292	0	0
Value 1472	2293	0	0
Value 1473	2294	0	0
Value 1474	2295	0	0
Value 1475	2296	0	0
Value 1476	2297	0	0
Value 1477	2298	0	0
Value 1478	2299	0	0
Value 1479	2300	0	0
Value 148	755	0	0
Value 1480	2301	0	0
Value 1481	2302	0	0
Value 1482	2303	0	0
Value 1483	2304	0	0
Value 1484	2305	0	0
Value 1485	2306	0	0
Value 1486	2307	0	0
Value 1487	2308	0	0
Value 1488	2309	0	0
Value 1489	2310	0	0
Value 149	756	0	0
Value 1490	2311	0	0
Value 1491	2312	0	0
Value 1492	2313	0	0
Value 1493	2314	0	0
Value 1494	2315	0	0
Value 1495	2316	0	0
Value 1496	2317	0	0
Value 1497	2318	0	0
Value 1498	2319	0	0
Value 1499	2320	0	0
Value 15	3922	0	0
Value 15	3922	0	0
Value 15	3922	0	0
Value 15	485	0	0
Value 15	3922	0	0
Value 150	757	0	0
Value 1500	2321	0	0
Value 1501	2322	0	0
Value 1502	2323	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1503	2324	0	0
Value 1504	2325	0	0
Value 1505	2326	0	0
Value 1506	2327	0	0
Value 1507	2328	0	0
Value 1508	2329	0	0
Value 1509	2330	0	0
Value 151	758	0	0
Value 1510	2331	0	0
Value 1511	2332	0	0
Value 1512	2333	0	0
Value 1513	2334	0	0
Value 1514	2335	0	0
Value 1515	2336	0	0
Value 1516	2337	0	0
Value 1517	2338	0	0
Value 1518	2339	0	0
Value 1519	2340	0	0
Value 152	759	0	0
Value 1520	2341	0	0
Value 1521	2342	0	0
Value 1522	2343	0	0
Value 1523	2344	0	0
Value 1524	2345	0	0
Value 1525	2346	0	0
Value 1526	2347	0	0
Value 1527	2348	0	0
Value 1528	2349	0	0
Value 1529	2350	0	0
Value 153	760	0	0
Value 1530	2351	0	0
Value 1531	2352	0	0
Value 1532	2353	0	0
Value 1533	2354	0	0
Value 1534	2355	0	0
Value 1535	2356	0	0
Value 1536	2357	0	0
Value 1537	2358	0	0
Value 1538	2359	0	0
Value 1539	2360	0	0
Value 154	761	0	0
Value 1540	2361	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1541	2362	0	0
Value 1542	2363	0	0
Value 1543	2364	0	0
Value 1544	2365	0	0
Value 1545	2366	0	0
Value 1546	2367	0	0
Value 1547	2368	0	0
Value 1548	2369	0	0
Value 1549	2370	0	0
Value 155	762	0	0
Value 1550	2371	0	0
Value 1551	2372	0	0
Value 1552	2373	0	0
Value 1553	2374	0	0
Value 1554	2375	0	0
Value 1555	2376	0	0
Value 1556	2377	0	0
Value 1557	2378	0	0
Value 1558	2379	0	0
Value 1559	2380	0	0
Value 156	763	0	0
Value 1560	2381	0	0
Value 1561	2382	0	0
Value 1562	2383	0	0
Value 1563	2384	0	0
Value 1564	2385	0	0
Value 1565	2386	0	0
Value 1566	2387	0	0
Value 1567	2388	0	0
Value 1568	2389	0	0
Value 1569	2390	0	0
Value 157	764	0	0
Value 1570	2391	0	0
Value 1571	2392	0	0
Value 1572	2393	0	0
Value 1573	2394	0	0
Value 1574	2395	0	0
Value 1575	2396	0	0
Value 1576	2397	0	0
Value 1577	2398	0	0
Value 1578	2399	0	0
Value 1579	2400	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 158	765	0	0
Value 1580	2401	0	0
Value 1581	2402	0	0
Value 1582	2403	0	0
Value 1583	2404	0	0
Value 1584	2405	0	0
Value 1585	2406	0	0
Value 1586	2407	0	0
Value 1587	2408	0	0
Value 1588	2409	0	0
Value 1589	2410	0	0
Value 159	766	0	0
Value 1590	2411	0	0
Value 1591	2412	0	0
Value 1592	2413	0	0
Value 1593	2414	0	0
Value 1594	2415	0	0
Value 1595	2416	0	0
Value 1596	2417	0	0
Value 1597	2418	0	0
Value 1598	2419	0	0
Value 1599	2420	0	0
Value 16	486	0	0
Value 16	3923	0	0
Value 16	3923	0	0
Value 16	3923	0	0
Value 16	3923	0	0
Value 160	767	0	0
Value 1600	2421	0	0
Value 1601	2422	0	0
Value 1602	2423	0	0
Value 1603	2424	0	0
Value 1604	2425	0	0
Value 1605	2426	0	0
Value 1606	2427	0	0
Value 1607	2428	0	0
Value 1608	2429	0	0
Value 1609	2430	0	0
Value 161	768	0	0
Value 1610	2431	0	0
Value 1611	2432	0	0
Value 1612	2433	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1613	2434	0	0
Value 1614	2435	0	0
Value 1615	2436	0	0
Value 1616	2437	0	0
Value 1617	2438	0	0
Value 1618	2439	0	0
Value 1619	2440	0	0
Value 162	769	0	0
Value 1620	2441	0	0
Value 1621	2442	0	0
Value 1622	2443	0	0
Value 1623	2444	0	0
Value 1624	2445	0	0
Value 1625	2446	0	0
Value 1626	2447	0	0
Value 1627	2448	0	0
Value 1628	2449	0	0
Value 1629	2450	0	0
Value 163	770	0	0
Value 1630	2451	0	0
Value 1631	2452	0	0
Value 1632	2453	0	0
Value 1633	2454	0	0
Value 1634	2455	0	0
Value 1635	2456	0	0
Value 1636	2457	0	0
Value 1637	2458	0	0
Value 1638	2459	0	0
Value 1639	2460	0	0
Value 164	771	0	0
Value 1640	2461	0	0
Value 1641	2462	0	0
Value 1642	2463	0	0
Value 1643	2464	0	0
Value 1644	2465	0	0
Value 1645	2466	0	0
Value 1646	2467	0	0
Value 1647	2468	0	0
Value 1648	2469	0	0
Value 1649	2470	0	0
Value 165	772	0	0
Value 1650	2471	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1651	2472	0	0
Value 1652	2473	0	0
Value 1653	2474	0	0
Value 1654	2475	0	0
Value 1655	2476	0	0
Value 1656	2477	0	0
Value 1657	2478	0	0
Value 1658	2479	0	0
Value 1659	2480	0	0
Value 166	773	0	0
Value 1660	2481	0	0
Value 1661	2482	0	0
Value 1662	2483	0	0
Value 1663	2484	0	0
Value 1664	2485	0	0
Value 1665	2486	0	0
Value 1666	2487	0	0
Value 1667	2488	0	0
Value 1668	2489	0	0
Value 1669	2490	0	0
Value 167	774	0	0
Value 1670	2491	0	0
Value 1671	2492	0	0
Value 1672	2493	0	0
Value 1673	2494	0	0
Value 1674	2495	0	0
Value 1675	2496	0	0
Value 1676	2497	0	0
Value 1677	2498	0	0
Value 1678	2499	0	0
Value 1679	2500	0	0
Value 168	775	0	0
Value 1680	2501	0	0
Value 1681	2502	0	0
Value 1682	2503	0	0
Value 1683	2504	0	0
Value 1684	2505	0	0
Value 1685	2506	0	0
Value 1686	2507	0	0
Value 1687	2508	0	0
Value 1688	2509	0	0
Value 1689	2510	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 169	776	0	0
Value 1690	2511	0	0
Value 1691	2512	0	0
Value 1692	2513	0	0
Value 1693	2514	0	0
Value 1694	2515	0	0
Value 1695	2516	0	0
Value 1696	2517	0	0
Value 1697	2518	0	0
Value 1698	2519	0	0
Value 1699	2520	0	0
Value 17	487	0	0
Value 17	3924	0	0
Value 17	3924	0	0
Value 17	3924	0	0
Value 17	3924	0	0
Value 170	777	0	0
Value 1700	2521	0	0
Value 1701	2522	0	0
Value 1702	2523	0	0
Value 1703	2524	0	0
Value 1704	2525	0	0
Value 1705	2526	0	0
Value 1706	2527	0	0
Value 1707	2528	0	0
Value 1708	2529	0	0
Value 1709	2530	0	0
Value 171	778	0	0
Value 1710	2531	0	0
Value 1711	2532	0	0
Value 1712	2533	0	0
Value 1713	2534	0	0
Value 1714	2535	0	0
Value 1715	2536	0	0
Value 1716	2537	0	0
Value 1717	2538	0	0
Value 1718	2539	0	0
Value 1719	2540	0	0
Value 172	779	0	0
Value 1720	2541	0	0
Value 1721	2542	0	0
Value 1722	2543	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1723	2544	0	0
Value 1724	2545	0	0
Value 1725	2546	0	0
Value 1726	2547	0	0
Value 1727	2548	0	0
Value 1728	2549	0	0
Value 1729	2550	0	0
Value 173	780	0	0
Value 1730	2551	0	0
Value 1731	2552	0	0
Value 1732	2553	0	0
Value 1733	2554	0	0
Value 1734	2555	0	0
Value 1735	2556	0	0
Value 1736	2557	0	0
Value 1737	2558	0	0
Value 1738	2559	0	0
Value 1739	2560	0	0
Value 174	781	0	0
Value 1740	2561	0	0
Value 1741	2562	0	0
Value 1742	2563	0	0
Value 1743	2564	0	0
Value 1744	2565	0	0
Value 1745	2566	0	0
Value 1746	2567	0	0
Value 1747	2568	0	0
Value 1748	2569	0	0
Value 1749	2570	0	0
Value 175	782	0	0
Value 1750	2571	0	0
Value 1751	2572	0	0
Value 1752	2573	0	0
Value 1753	2574	0	0
Value 1754	2575	0	0
Value 1755	2576	0	0
Value 1756	2577	0	0
Value 1757	2578	0	0
Value 1758	2579	0	0
Value 1759	2580	0	0
Value 176	783	0	0
Value 1760	2581	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1761	2582	0	0
Value 1762	2583	0	0
Value 1763	2584	0	0
Value 1764	2585	0	0
Value 1765	2586	0	0
Value 1766	2587	0	0
Value 1767	2588	0	0
Value 1768	2589	0	0
Value 1769	2590	0	0
Value 177	784	0	0
Value 1770	2591	0	0
Value 1771	2592	0	0
Value 1772	2593	0	0
Value 1773	2594	0	0
Value 1774	2595	0	0
Value 1775	2596	0	0
Value 1776	2597	0	0
Value 1777	2598	0	0
Value 1778	2599	0	0
Value 1779	2600	0	0
Value 178	785	0	0
Value 1780	2601	0	0
Value 1781	2602	0	0
Value 1782	2603	0	0
Value 1783	2604	0	0
Value 1784	2605	0	0
Value 1785	2606	0	0
Value 1786	2607	0	0
Value 1787	2608	0	0
Value 1788	2609	0	0
Value 1789	2610	0	0
Value 179	786	0	0
Value 1790	2611	0	0
Value 1791	2612	0	0
Value 1792	2613	0	0
Value 1793	2614	0	0
Value 1794	2615	0	0
Value 1795	2616	0	0
Value 1796	2617	0	0
Value 1797	2618	0	0
Value 1798	2619	0	0
Value 1799	2620	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 18	488	0	0
Value 18	3925	0	0
Value 18	3925	0	0
Value 18	3925	0	0
Value 18	3925	0	0
Value 180	787	0	0
Value 1800	2621	0	0
Value 1801	2622	0	0
Value 1802	2623	0	0
Value 1803	2624	0	0
Value 1804	2625	0	0
Value 1805	2626	0	0
Value 1806	2627	0	0
Value 1807	2628	0	0
Value 1808	2629	0	0
Value 1809	2630	0	0
Value 181	788	0	0
Value 1810	2631	0	0
Value 1811	2632	0	0
Value 1812	2633	0	0
Value 1813	2634	0	0
Value 1814	2635	0	0
Value 1815	2636	0	0
Value 1816	2637	0	0
Value 1817	2638	0	0
Value 1818	2639	0	0
Value 1819	2640	0	0
Value 182	789	0	0
Value 1820	2641	0	0
Value 1821	2642	0	0
Value 1822	2643	0	0
Value 1823	2644	0	0
Value 1824	2645	0	0
Value 1825	2646	0	0
Value 1826	2647	0	0
Value 1827	2648	0	0
Value 1828	2649	0	0
Value 1829	2650	0	0
Value 183	790	0	0
Value 1830	2651	0	0
Value 1831	2652	0	0
Value 1832	2653	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1833	2654	0	0
Value 1834	2655	0	0
Value 1835	2656	0	0
Value 1836	2657	0	0
Value 1837	2658	0	0
Value 1838	2659	0	0
Value 1839	2660	0	0
Value 184	791	0	0
Value 1840	2661	0	0
Value 1841	2662	0	0
Value 1842	2663	0	0
Value 1843	2664	0	0
Value 1844	2665	0	0
Value 1845	2666	0	0
Value 1846	2667	0	0
Value 1847	2668	0	0
Value 1848	2669	0	0
Value 1849	2670	0	0
Value 185	792	0	0
Value 1850	2671	0	0
Value 1851	2672	0	0
Value 1852	2673	0	0
Value 1853	2674	0	0
Value 1854	2675	0	0
Value 1855	2676	0	0
Value 1856	2677	0	0
Value 1857	2678	0	0
Value 1858	2679	0	0
Value 1859	2680	0	0
Value 186	793	0	0
Value 1860	2681	0	0
Value 1861	2682	0	0
Value 1862	2683	0	0
Value 1863	2684	0	0
Value 1864	2685	0	0
Value 1865	2686	0	0
Value 1866	2687	0	0
Value 1867	2688	0	0
Value 1868	2689	0	0
Value 1869	2690	0	0
Value 187	794	0	0
Value 1870	2691	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1871	2692	0	0
Value 1872	2693	0	0
Value 1873	2694	0	0
Value 1874	2695	0	0
Value 1875	2696	0	0
Value 1876	2697	0	0
Value 1877	2698	0	0
Value 1878	2699	0	0
Value 1879	2700	0	0
Value 188	795	0	0
Value 1880	2701	0	0
Value 1881	2702	0	0
Value 1882	2703	0	0
Value 1883	2704	0	0
Value 1884	2705	0	0
Value 1885	2706	0	0
Value 1886	2707	0	0
Value 1887	2708	0	0
Value 1888	2709	0	0
Value 1889	2710	0	0
Value 189	796	0	0
Value 1890	2711	0	0
Value 1891	2712	0	0
Value 1892	2713	0	0
Value 1893	2714	0	0
Value 1894	2715	0	0
Value 1895	2716	0	0
Value 1896	2717	0	0
Value 1897	2718	0	0
Value 1898	2719	0	0
Value 1899	2720	0	0
Value 19	489	0	0
Value 19	3926	0	0
Value 19	3926	0	0
Value 19	3926	0	0
Value 19	3926	0	0
Value 190	797	0	0
Value 1900	2721	0	0
Value 1901	2722	0	0
Value 1902	2723	0	0
Value 1903	2724	0	0
Value 1904	2725	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1905	2726	0	0
Value 1906	2727	0	0
Value 1907	2728	0	0
Value 1908	2729	0	0
Value 1909	2730	0	0
Value 191	798	0	0
Value 1910	2731	0	0
Value 1911	2732	0	0
Value 1912	2733	0	0
Value 1913	2734	0	0
Value 1914	2735	0	0
Value 1915	2736	0	0
Value 1916	2737	0	0
Value 1917	2738	0	0
Value 1918	2739	0	0
Value 1919	2740	0	0
Value 192	799	0	0
Value 1920	2741	0	0
Value 1921	2742	0	0
Value 1922	2743	0	0
Value 1923	2744	0	0
Value 1924	2745	0	0
Value 1925	2746	0	0
Value 1926	2747	0	0
Value 1927	2748	0	0
Value 1928	2749	0	0
Value 1929	2750	0	0
Value 193	800	0	0
Value 1930	2751	0	0
Value 1931	2752	0	0
Value 1932	2753	0	0
Value 1933	2754	0	0
Value 1934	2755	0	0
Value 1935	2756	0	0
Value 1936	2757	0	0
Value 1937	2758	0	0
Value 1938	2759	0	0
Value 1939	2760	0	0
Value 194	801	0	0
Value 1940	2761	0	0
Value 1941	2762	0	0
Value 1942	2763	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1943	2764	0	0
Value 1944	2765	0	0
Value 1945	2766	0	0
Value 1946	2767	0	0
Value 1947	2768	0	0
Value 1948	2769	0	0
Value 1949	2770	0	0
Value 195	802	0	0
Value 1950	2771	0	0
Value 1951	2772	0	0
Value 1952	2773	0	0
Value 1953	2774	0	0
Value 1954	2775	0	0
Value 1955	2776	0	0
Value 1956	2777	0	0
Value 1957	2778	0	0
Value 1958	2779	0	0
Value 1959	2780	0	0
Value 196	803	0	0
Value 1960	2781	0	0
Value 1961	2782	0	0
Value 1962	2783	0	0
Value 1963	2784	0	0
Value 1964	2785	0	0
Value 1965	2786	0	0
Value 1966	2787	0	0
Value 1967	2788	0	0
Value 1968	2789	0	0
Value 1969	2790	0	0
Value 197	804	0	0
Value 1970	2791	0	0
Value 1971	2792	0	0
Value 1972	2793	0	0
Value 1973	2794	0	0
Value 1974	2795	0	0
Value 1975	2796	0	0
Value 1976	2797	0	0
Value 1977	2798	0	0
Value 1978	2799	0	0
Value 1979	2800	0	0
Value 198	805	0	0
Value 1980	2801	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 1981	2802	0	0
Value 1982	2803	0	0
Value 1983	2804	0	0
Value 1984	2805	0	0
Value 1985	2806	0	0
Value 1986	2807	0	0
Value 1987	2808	0	0
Value 1988	2809	0	0
Value 1989	2810	0	0
Value 199	806	0	0
Value 1990	2811	0	0
Value 1991	2812	0	0
Value 1992	2813	0	0
Value 1993	2814	0	0
Value 1994	2815	0	0
Value 1995	2816	0	0
Value 1996	2817	0	0
Value 1997	2818	0	0
Value 1998	2819	0	0
Value 1999	2820	0	0
Value 2	3909	0	0
Value 2	398	0	0
Value 2	3909	0	0
Value 2	3909	0	0
Value 2	3909	0	0
Value 20	490	0	0
Value 20	3927	0	0
Value 20	3927	0	0
Value 20	3927	0	0
Value 20	3927	0	0
Value 200	807	0	0
Value 2000	2821	0	0
Value 2001	2822	0	0
Value 2002	2823	0	0
Value 2003	2824	0	0
Value 2004	2825	0	0
Value 2005	2826	0	0
Value 2006	2827	0	0
Value 2007	2828	0	0
Value 2008	2829	0	0
Value 2009	2830	0	0
Value 201	808	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2010	2831	0	0
Value 2011	2832	0	0
Value 2012	2833	0	0
Value 2013	2834	0	0
Value 2014	2835	0	0
Value 2015	2836	0	0
Value 2016	2837	0	0
Value 2017	2838	0	0
Value 2018	2839	0	0
Value 2019	2840	0	0
Value 202	809	0	0
Value 2020	2841	0	0
Value 2021	2842	0	0
Value 2022	2843	0	0
Value 2023	2844	0	0
Value 2024	2845	0	0
Value 2025	2846	0	0
Value 2026	2847	0	0
Value 2027	2848	0	0
Value 2028	2849	0	0
Value 2029	2850	0	0
Value 203	810	0	0
Value 2030	2851	0	0
Value 2031	2852	0	0
Value 2032	2853	0	0
Value 2033	2854	0	0
Value 2034	2855	0	0
Value 2035	2856	0	0
Value 2036	2857	0	0
Value 2037	2858	0	0
Value 2038	2859	0	0
Value 2039	2860	0	0
Value 204	811	0	0
Value 2040	2861	0	0
Value 2041	2862	0	0
Value 2042	2863	0	0
Value 2043	2864	0	0
Value 2044	2865	0	0
Value 2045	2866	0	0
Value 2046	2867	0	0
Value 2047	2868	0	0
Value 2048	2869	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2049	2870	0	0
Value 205	812	0	0
Value 2050	2871	0	0
Value 2051	2872	0	0
Value 2052	2873	0	0
Value 2053	2874	0	0
Value 2054	2875	0	0
Value 2055	2876	0	0
Value 2056	2877	0	0
Value 2057	2878	0	0
Value 2058	2879	0	0
Value 2059	2880	0	0
Value 206	813	0	0
Value 2060	2881	0	0
Value 2061	2882	0	0
Value 2062	2883	0	0
Value 2063	2884	0	0
Value 2064	2885	0	0
Value 2065	2886	0	0
Value 2066	2887	0	0
Value 2067	2888	0	0
Value 2068	2889	0	0
Value 2069	2890	0	0
Value 207	814	0	0
Value 2070	2891	0	0
Value 2071	2892	0	0
Value 2072	2893	0	0
Value 2073	2894	0	0
Value 2074	2895	0	0
Value 2075	2896	0	0
Value 2076	2897	0	0
Value 2077	2898	0	0
Value 2078	2899	0	0
Value 2079	2900	0	0
Value 208	815	0	0
Value 2080	2901	0	0
Value 2081	2902	0	0
Value 2082	2903	0	0
Value 2083	2904	0	0
Value 2084	2905	0	0
Value 2085	2906	0	0
Value 2086	2907	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2087	2908	0	0
Value 2088	2909	0	0
Value 2089	2910	0	0
Value 209	816	0	0
Value 2090	2911	0	0
Value 2091	2912	0	0
Value 2092	2913	0	0
Value 2093	2914	0	0
Value 2094	2915	0	0
Value 2095	2916	0	0
Value 2096	2917	0	0
Value 2097	2918	0	0
Value 2098	2919	0	0
Value 2099	2920	0	0
Value 21	491	0	0
Value 210	817	0	0
Value 2100	2921	0	0
Value 2101	2922	0	0
Value 2102	2923	0	0
Value 2103	2924	0	0
Value 2104	2925	0	0
Value 2105	2926	0	0
Value 2106	2927	0	0
Value 2107	2928	0	0
Value 2108	2929	0	0
Value 2109	2930	0	0
Value 211	818	0	0
Value 2110	2931	0	0
Value 2111	2932	0	0
Value 2112	2933	0	0
Value 2113	2934	0	0
Value 2114	2935	0	0
Value 2115	2936	0	0
Value 2116	2937	0	0
Value 2117	2938	0	0
Value 2118	2939	0	0
Value 2119	2940	0	0
Value 212	819	0	0
Value 2120	2941	0	0
Value 2121	2942	0	0
Value 2122	2943	0	0
Value 2123	2944	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2124	2945	0	0
Value 2125	2946	0	0
Value 2126	2947	0	0
Value 2127	2948	0	0
Value 2128	2949	0	0
Value 2129	2950	0	0
Value 213	820	0	0
Value 2130	2951	0	0
Value 2131	2952	0	0
Value 2132	2953	0	0
Value 2133	2954	0	0
Value 2134	2955	0	0
Value 2135	2956	0	0
Value 2136	2957	0	0
Value 2137	2958	0	0
Value 2138	2959	0	0
Value 2139	2960	0	0
Value 214	821	0	0
Value 2140	2961	0	0
Value 2141	2962	0	0
Value 2142	2963	0	0
Value 2143	2964	0	0
Value 2144	2965	0	0
Value 2145	2966	0	0
Value 2146	2967	0	0
Value 2147	2968	0	0
Value 2148	2969	0	0
Value 2149	2970	0	0
Value 215	822	0	0
Value 2150	2971	0	0
Value 2151	2972	0	0
Value 2152	2973	0	0
Value 2153	2974	0	0
Value 2154	2975	0	0
Value 2155	2976	0	0
Value 2156	2977	0	0
Value 2157	2978	0	0
Value 2158	2979	0	0
Value 2159	2980	0	0
Value 216	823	0	0
Value 2160	2981	0	0
Value 2161	2982	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2162	2983	0	0
Value 2163	2984	0	0
Value 2164	2985	0	0
Value 2165	2986	0	0
Value 2166	2987	0	0
Value 2167	2988	0	0
Value 2168	2989	0	0
Value 2169	2990	0	0
Value 217	824	0	0
Value 2170	2991	0	0
Value 2171	2992	0	0
Value 2172	2993	0	0
Value 2173	2994	0	0
Value 2174	2995	0	0
Value 2175	2996	0	0
Value 2176	2997	0	0
Value 2177	2998	0	0
Value 2178	2999	0	0
Value 2179	3000	0	0
Value 218	825	0	0
Value 2180	3001	0	0
Value 2181	3002	0	0
Value 2182	3003	0	0
Value 2183	3004	0	0
Value 2184	3005	0	0
Value 2185	3006	0	0
Value 2186	3007	0	0
Value 2187	3008	0	0
Value 2188	3009	0	0
Value 2189	3010	0	0
Value 219	826	0	0
Value 2190	3011	0	0
Value 2191	3012	0	0
Value 2192	3013	0	0
Value 2193	3014	0	0
Value 2194	3015	0	0
Value 2195	3016	0	0
Value 2196	3017	0	0
Value 2197	3018	0	0
Value 2198	3019	0	0
Value 2199	3020	0	0
Value 22	492	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 220	827	0	0
Value 2200	3021	0	0
Value 2201	3022	0	0
Value 2202	3023	0	0
Value 2203	3024	0	0
Value 2204	3025	0	0
Value 2205	3026	0	0
Value 2206	3027	0	0
Value 2207	3028	0	0
Value 2208	3029	0	0
Value 2209	3030	0	0
Value 221	828	0	0
Value 2210	3031	0	0
Value 2211	3032	0	0
Value 2212	3033	0	0
Value 2213	3034	0	0
Value 2214	3035	0	0
Value 2215	3036	0	0
Value 2216	3037	0	0
Value 2217	3038	0	0
Value 2218	3039	0	0
Value 2219	3040	0	0
Value 222	829	0	0
Value 2220	3041	0	0
Value 2221	3042	0	0
Value 2222	3043	0	0
Value 2223	3044	0	0
Value 2224	3045	0	0
Value 2225	3046	0	0
Value 2226	3047	0	0
Value 2227	3048	0	0
Value 2228	3049	0	0
Value 2229	3050	0	0
Value 223	830	0	0
Value 2230	3051	0	0
Value 2231	3052	0	0
Value 2232	3053	0	0
Value 2233	3054	0	0
Value 2234	3055	0	0
Value 2235	3056	0	0
Value 2236	3057	0	0
Value 2237	3058	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2238	3059	0	0
Value 2239	3060	0	0
Value 224	831	0	0
Value 2240	3061	0	0
Value 2241	3062	0	0
Value 2242	3063	0	0
Value 2243	3064	0	0
Value 2244	3065	0	0
Value 2245	3066	0	0
Value 2246	3067	0	0
Value 2247	3068	0	0
Value 2248	3069	0	0
Value 2249	3070	0	0
Value 225	832	0	0
Value 2250	3071	0	0
Value 2251	3072	0	0
Value 2252	3073	0	0
Value 2253	3074	0	0
Value 2254	3075	0	0
Value 2255	3076	0	0
Value 2256	3077	0	0
Value 2257	3078	0	0
Value 2258	3079	0	0
Value 2259	3080	0	0
Value 226	833	0	0
Value 2260	3081	0	0
Value 2261	3082	0	0
Value 2262	3083	0	0
Value 2263	3084	0	0
Value 2264	3085	0	0
Value 2265	3086	0	0
Value 2266	3087	0	0
Value 2267	3088	0	0
Value 2268	3089	0	0
Value 2269	3090	0	0
Value 227	834	0	0
Value 2270	3091	0	0
Value 2271	3092	0	0
Value 2272	3093	0	0
Value 2273	3094	0	0
Value 2274	3095	0	0
Value 2275	3096	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2276	3097	0	0
Value 2277	3098	0	0
Value 2278	3099	0	0
Value 2279	3100	0	0
Value 228	835	0	0
Value 2280	3101	0	0
Value 2281	3102	0	0
Value 2282	3103	0	0
Value 2283	3104	0	0
Value 2284	3105	0	0
Value 2285	3106	0	0
Value 2286	3107	0	0
Value 2287	3108	0	0
Value 2288	3109	0	0
Value 2289	3110	0	0
Value 229	836	0	0
Value 2290	3111	0	0
Value 2291	3112	0	0
Value 2292	3113	0	0
Value 2293	3114	0	0
Value 2294	3115	0	0
Value 2295	3116	0	0
Value 2296	3117	0	0
Value 2297	3118	0	0
Value 2298	3119	0	0
Value 2299	3120	0	0
Value 23	493	0	0
Value 230	837	0	0
Value 2300	3121	0	0
Value 2301	3122	0	0
Value 2302	3123	0	0
Value 2303	3124	0	0
Value 2304	3125	0	0
Value 2305	3126	0	0
Value 2306	3127	0	0
Value 2307	3128	0	0
Value 2308	3129	0	0
Value 2309	3130	0	0
Value 231	838	0	0
Value 2310	3131	0	0
Value 2311	3132	0	0
Value 2312	3133	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2313	3134	0	0
Value 2314	3135	0	0
Value 2315	3136	0	0
Value 2316	3137	0	0
Value 2317	3138	0	0
Value 2318	3139	0	0
Value 2319	3140	0	0
Value 232	839	0	0
Value 2320	3141	0	0
Value 2321	3142	0	0
Value 2322	3143	0	0
Value 2323	3144	0	0
Value 2324	3145	0	0
Value 2325	3146	0	0
Value 2326	3147	0	0
Value 2327	3148	0	0
Value 2328	3149	0	0
Value 2329	3150	0	0
Value 233	840	0	0
Value 2330	3151	0	0
Value 2331	3152	0	0
Value 2332	3153	0	0
Value 2333	3154	0	0
Value 2334	3155	0	0
Value 2335	3156	0	0
Value 2336	3157	0	0
Value 2337	3158	0	0
Value 2338	3159	0	0
Value 2339	3160	0	0
Value 234	841	0	0
Value 2340	3161	0	0
Value 2341	3162	0	0
Value 2342	3163	0	0
Value 2343	3164	0	0
Value 2344	3165	0	0
Value 2345	3166	0	0
Value 2346	3167	0	0
Value 2347	3168	0	0
Value 2348	3169	0	0
Value 2349	3170	0	0
Value 235	842	0	0
Value 2350	3171	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2351	3172	0	0
Value 2352	3173	0	0
Value 2353	3174	0	0
Value 2354	3175	0	0
Value 2355	3176	0	0
Value 2356	3177	0	0
Value 2357	3178	0	0
Value 2358	3179	0	0
Value 2359	3180	0	0
Value 236	843	0	0
Value 2360	3181	0	0
Value 2361	3182	0	0
Value 2362	3183	0	0
Value 2363	3184	0	0
Value 2364	3185	0	0
Value 2365	3186	0	0
Value 2366	3187	0	0
Value 2367	3188	0	0
Value 2368	3189	0	0
Value 2369	3190	0	0
Value 237	844	0	0
Value 2370	3191	0	0
Value 2371	3192	0	0
Value 2372	3193	0	0
Value 2373	3194	0	0
Value 2374	3195	0	0
Value 2375	3196	0	0
Value 2376	3197	0	0
Value 2377	3198	0	0
Value 2378	3199	0	0
Value 2379	3200	0	0
Value 238	845	0	0
Value 2380	3201	0	0
Value 2381	3202	0	0
Value 2382	3203	0	0
Value 2383	3204	0	0
Value 2384	3205	0	0
Value 2385	3206	0	0
Value 2386	3207	0	0
Value 2387	3208	0	0
Value 2388	3209	0	0
Value 2389	3210	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 239	846	0	0
Value 2390	3211	0	0
Value 2391	3212	0	0
Value 2392	3213	0	0
Value 2393	3214	0	0
Value 2394	3215	0	0
Value 2395	3216	0	0
Value 2396	3217	0	0
Value 2397	3218	0	0
Value 2398	3219	0	0
Value 2399	3220	0	0
Value 24	494	0	0
Value 240	847	0	0
Value 2400	3221	0	0
Value 2401	3222	0	0
Value 2402	3223	0	0
Value 2403	3224	0	0
Value 2404	3225	0	0
Value 2405	3226	0	0
Value 2406	3227	0	0
Value 2407	3228	0	0
Value 2408	3229	0	0
Value 2409	3230	0	0
Value 241	848	0	0
Value 2410	3231	0	0
Value 2411	3232	0	0
Value 2412	3233	0	0
Value 2413	3234	0	0
Value 2414	3235	0	0
Value 2415	3236	0	0
Value 2416	3237	0	0
Value 2417	3238	0	0
Value 2418	3239	0	0
Value 2419	3240	0	0
Value 242	849	0	0
Value 2420	3241	0	0
Value 2421	3242	0	0
Value 2422	3243	0	0
Value 2423	3244	0	0
Value 2424	3245	0	0
Value 2425	3246	0	0
Value 2426	3247	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2427	3248	0	0
Value 2428	3249	0	0
Value 2429	3250	0	0
Value 243	850	0	0
Value 2430	3251	0	0
Value 2431	3252	0	0
Value 2432	3253	0	0
Value 2433	3254	0	0
Value 2434	3255	0	0
Value 2435	3256	0	0
Value 2436	3257	0	0
Value 2437	3258	0	0
Value 2438	3259	0	0
Value 2439	3260	0	0
Value 244	851	0	0
Value 2440	3261	0	0
Value 2441	3262	0	0
Value 2442	3263	0	0
Value 2443	3264	0	0
Value 2444	3265	0	0
Value 2445	3266	0	0
Value 2446	3267	0	0
Value 2447	3268	0	0
Value 2448	3269	0	0
Value 2449	3270	0	0
Value 245	852	0	0
Value 2450	3271	0	0
Value 2451	3272	0	0
Value 2452	3273	0	0
Value 2453	3274	0	0
Value 2454	3275	0	0
Value 2455	3276	0	0
Value 2456	3277	0	0
Value 2457	3278	0	0
Value 2458	3279	0	0
Value 2459	3280	0	0
Value 246	853	0	0
Value 2460	3281	0	0
Value 2461	3282	0	0
Value 2462	3283	0	0
Value 2463	3284	0	0
Value 2464	3285	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2465	3286	0	0
Value 2466	3287	0	0
Value 2467	3288	0	0
Value 2468	3289	0	0
Value 2469	3290	0	0
Value 247	854	0	0
Value 2470	3291	0	0
Value 2471	3292	0	0
Value 2472	3293	0	0
Value 2473	3294	0	0
Value 2474	3295	0	0
Value 2475	3296	0	0
Value 2476	3297	0	0
Value 2477	3298	0	0
Value 2478	3299	0	0
Value 2479	3300	0	0
Value 248	855	0	0
Value 2480	3301	0	0
Value 2481	3302	0	0
Value 2482	3303	0	0
Value 2483	3304	0	0
Value 2484	3305	0	0
Value 2485	3306	0	0
Value 2486	3307	0	0
Value 2487	3308	0	0
Value 2488	3309	0	0
Value 2489	3310	0	0
Value 249	856	0	0
Value 2490	3311	0	0
Value 2491	3312	0	0
Value 2492	3313	0	0
Value 2493	3314	0	0
Value 2494	3315	0	0
Value 2495	3316	0	0
Value 2496	3317	0	0
Value 2497	3318	0	0
Value 2498	3319	0	0
Value 2499	3320	0	0
Value 25	495	0	0
Value 250	857	0	0
Value 2500	3321	0	0
Value 2501	3322	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2502	3323	0	0
Value 2503	3324	0	0
Value 2504	3325	0	0
Value 2505	3326	0	0
Value 2506	3327	0	0
Value 2507	3328	0	0
Value 2508	3329	0	0
Value 2509	3330	0	0
Value 251	858	0	0
Value 2510	3331	0	0
Value 2511	3332	0	0
Value 2512	3333	0	0
Value 2513	3334	0	0
Value 2514	3335	0	0
Value 2515	3336	0	0
Value 2516	3337	0	0
Value 2517	3338	0	0
Value 2518	3339	0	0
Value 2519	3340	0	0
Value 252	859	0	0
Value 2520	3341	0	0
Value 2521	3342	0	0
Value 2522	3343	0	0
Value 2523	3344	0	0
Value 2524	3345	0	0
Value 2525	3346	0	0
Value 2526	3347	0	0
Value 2527	3348	0	0
Value 2528	3349	0	0
Value 2529	3350	0	0
Value 253	860	0	0
Value 2530	3351	0	0
Value 2531	3352	0	0
Value 2532	3353	0	0
Value 2533	3354	0	0
Value 2534	3355	0	0
Value 2535	3356	0	0
Value 2536	3357	0	0
Value 2537	3358	0	0
Value 2538	3359	0	0
Value 2539	3360	0	0
Value 254	861	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2540	3361	0	0
Value 2541	3362	0	0
Value 2542	3363	0	0
Value 2543	3364	0	0
Value 2544	3365	0	0
Value 2545	3366	0	0
Value 2546	3367	0	0
Value 2547	3368	0	0
Value 2548	3369	0	0
Value 2549	3370	0	0
Value 255	862	0	0
Value 2550	3371	0	0
Value 2551	3372	0	0
Value 2552	3373	0	0
Value 2553	3374	0	0
Value 2554	3375	0	0
Value 2555	3376	0	0
Value 2556	3377	0	0
Value 2557	3378	0	0
Value 2558	3379	0	0
Value 2559	3380	0	0
Value 256	863	0	0
Value 2560	3381	0	0
Value 2561	3382	0	0
Value 2562	3383	0	0
Value 2563	3384	0	0
Value 2564	3385	0	0
Value 2565	3386	0	0
Value 2566	3387	0	0
Value 2567	3388	0	0
Value 2568	3389	0	0
Value 2569	3390	0	0
Value 257	864	0	0
Value 2570	3391	0	0
Value 2571	3392	0	0
Value 2572	3393	0	0
Value 2573	3394	0	0
Value 2574	3395	0	0
Value 2575	3396	0	0
Value 2576	3397	0	0
Value 2577	3398	0	0
Value 2578	3399	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2579	3400	0	0
Value 258	865	0	0
Value 2580	3401	0	0
Value 2581	3402	0	0
Value 2582	3403	0	0
Value 2583	3404	0	0
Value 2584	3405	0	0
Value 2585	3406	0	0
Value 2586	3407	0	0
Value 2587	3408	0	0
Value 2588	3409	0	0
Value 2589	3410	0	0
Value 259	866	0	0
Value 2590	3411	0	0
Value 2591	3412	0	0
Value 2592	3413	0	0
Value 2593	3414	0	0
Value 2594	3415	0	0
Value 2595	3416	0	0
Value 2596	3417	0	0
Value 2597	3418	0	0
Value 2598	3419	0	0
Value 2599	3420	0	0
Value 26	496	0	0
Value 260	867	0	0
Value 2600	3421	0	0
Value 2601	3422	0	0
Value 2602	3423	0	0
Value 2603	3424	0	0
Value 2604	3425	0	0
Value 2605	3426	0	0
Value 2606	3427	0	0
Value 2607	3428	0	0
Value 2608	3429	0	0
Value 2609	3430	0	0
Value 261	868	0	0
Value 2610	3431	0	0
Value 2611	3432	0	0
Value 2612	3433	0	0
Value 2613	3434	0	0
Value 2614	3435	0	0
Value 2615	3436	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2616	3437	0	0
Value 2617	3438	0	0
Value 2618	3439	0	0
Value 2619	3440	0	0
Value 262	869	0	0
Value 2620	3441	0	0
Value 2621	3442	0	0
Value 2622	3443	0	0
Value 2623	3444	0	0
Value 2624	3445	0	0
Value 2625	3446	0	0
Value 2626	3447	0	0
Value 2627	3448	0	0
Value 2628	3449	0	0
Value 2629	3450	0	0
Value 263	870	0	0
Value 2630	3451	0	0
Value 2631	3452	0	0
Value 2632	3453	0	0
Value 2633	3454	0	0
Value 2634	3455	0	0
Value 2635	3456	0	0
Value 2636	3457	0	0
Value 2637	3458	0	0
Value 2638	3459	0	0
Value 2639	3460	0	0
Value 264	871	0	0
Value 2640	3461	0	0
Value 2641	3462	0	0
Value 2642	3463	0	0
Value 2643	3464	0	0
Value 2644	3465	0	0
Value 2645	3466	0	0
Value 2646	3467	0	0
Value 2647	3468	0	0
Value 2648	3469	0	0
Value 2649	3470	0	0
Value 265	872	0	0
Value 2650	3471	0	0
Value 2651	3969	0	0
Value 2652	3970	0	0
Value 2653	3971	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2654	3972	0	0
Value 2655	3973	0	0
Value 2656	3974	0	0
Value 2657	3975	0	0
Value 2658	3976	0	0
Value 2659	3977	0	0
Value 266	873	0	0
Value 2660	3978	0	0
Value 2661	3979	0	0
Value 2662	3980	0	0
Value 2663	3981	0	0
Value 2664	3982	0	0
Value 2665	3983	0	0
Value 2666	3984	0	0
Value 2667	3985	0	0
Value 2668	3986	0	0
Value 2669	3987	0	0
Value 267	874	0	0
Value 2670	3988	0	0
Value 2671	3989	0	0
Value 2672	3990	0	0
Value 2673	3991	0	0
Value 2674	3992	0	0
Value 2675	3993	0	0
Value 2676	3994	0	0
Value 2677	3995	0	0
Value 2678	3996	0	0
Value 2679	3997	0	0
Value 268	875	0	0
Value 2680	3998	0	0
Value 2681	3999	0	0
Value 2682	4000	0	0
Value 2683	4001	0	0
Value 2684	4002	0	0
Value 2685	4003	0	0
Value 2686	4004	0	0
Value 2687	4005	0	0
Value 2688	4006	0	0
Value 2689	4007	0	0
Value 269	876	0	0
Value 2690	4008	0	0
Value 2691	4009	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2692	4010	0	0
Value 2693	4011	0	0
Value 2694	4012	0	0
Value 2695	4013	0	0
Value 2696	4014	0	0
Value 2697	4015	0	0
Value 2698	4016	0	0
Value 2699	4017	0	0
Value 27	497	0	0
Value 270	877	0	0
Value 2700	4018	0	0
Value 2701	4019	0	0
Value 2702	4020	0	0
Value 2703	4021	0	0
Value 2704	4022	0	0
Value 2705	4023	0	0
Value 2706	4024	0	0
Value 2707	4025	0	0
Value 2708	4026	0	0
Value 2709	4027	0	0
Value 271	878	0	0
Value 2710	4028	0	0
Value 2711	4029	0	0
Value 2712	4030	0	0
Value 2713	4031	0	0
Value 2714	4032	0	0
Value 2715	4033	0	0
Value 2716	4034	0	0
Value 2717	4035	0	0
Value 2718	4036	0	0
Value 2719	4037	0	0
Value 272	879	0	0
Value 2720	4038	0	0
Value 2721	4039	0	0
Value 2722	4040	0	0
Value 2723	4041	0	0
Value 2724	4042	0	0
Value 2725	4043	0	0
Value 2726	4044	0	0
Value 2727	4045	0	0
Value 2728	4046	0	0
Value 2729	4047	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 273	880	0	0
Value 2730	4048	0	0
Value 2731	4049	0	0
Value 2732	4050	0	0
Value 2733	4051	0	0
Value 2734	4052	0	0
Value 2735	4053	0	0
Value 2736	4054	0	0
Value 2737	4055	0	0
Value 2738	4056	0	0
Value 2739	4057	0	0
Value 274	881	0	0
Value 2740	4058	0	0
Value 2741	4059	0	0
Value 2742	4060	0	0
Value 2743	4061	0	0
Value 2744	4062	0	0
Value 2745	4063	0	0
Value 2746	4064	0	0
Value 2747	4065	0	0
Value 2748	4066	0	0
Value 2749	4067	0	0
Value 275	882	0	0
Value 2750	4068	0	0
Value 2751	4069	0	0
Value 2752	4070	0	0
Value 2753	4071	0	0
Value 2754	4072	0	0
Value 2755	4073	0	0
Value 2756	4074	0	0
Value 2757	4075	0	0
Value 2758	4076	0	0
Value 2759	4077	0	0
Value 276	883	0	0
Value 2760	4078	0	0
Value 2761	4079	0	0
Value 2762	4080	0	0
Value 2763	4081	0	0
Value 2764	4082	0	0
Value 2765	4083	0	0
Value 2766	4084	0	0
Value 2767	4085	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2768	4086	0	0
Value 2769	4087	0	0
Value 277	884	0	0
Value 2770	4088	0	0
Value 2771	4089	0	0
Value 2772	4090	0	0
Value 2773	4091	0	0
Value 2774	4092	0	0
Value 2775	4093	0	0
Value 2776	4094	0	0
Value 2777	4095	0	0
Value 2778	4096	0	0
Value 2779	4097	0	0
Value 278	885	0	0
Value 2780	4098	0	0
Value 2781	4099	0	0
Value 2782	4100	0	0
Value 2783	4101	0	0
Value 2784	4102	0	0
Value 2785	4103	0	0
Value 2786	4104	0	0
Value 2787	4105	0	0
Value 2788	4106	0	0
Value 2789	4107	0	0
Value 279	886	0	0
Value 2790	4108	0	0
Value 2791	4109	0	0
Value 2792	4110	0	0
Value 2793	4111	0	0
Value 2794	4112	0	0
Value 2795	4113	0	0
Value 2796	4114	0	0
Value 2797	4115	0	0
Value 2798	4116	0	0
Value 2799	4117	0	0
Value 28	498	0	0
Value 280	887	0	0
Value 2800	4118	0	0
Value 2801	4119	0	0
Value 2802	4120	0	0
Value 2803	4121	0	0
Value 2804	4122	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2805	4123	0	0
Value 2806	4124	0	0
Value 2807	4125	0	0
Value 2808	4126	0	0
Value 2809	4127	0	0
Value 281	888	0	0
Value 2810	4128	0	0
Value 2811	4129	0	0
Value 2812	4130	0	0
Value 2813	4131	0	0
Value 2814	4132	0	0
Value 2815	4133	0	0
Value 2816	4134	0	0
Value 2817	4135	0	0
Value 2818	4136	0	0
Value 2819	4137	0	0
Value 282	889	0	0
Value 2820	4138	0	0
Value 2821	4139	0	0
Value 2822	4140	0	0
Value 2823	4141	0	0
Value 2824	4142	0	0
Value 2825	4143	0	0
Value 2826	4144	0	0
Value 2827	4145	0	0
Value 2828	4146	0	0
Value 2829	4147	0	0
Value 283	890	0	0
Value 2830	4148	0	0
Value 2831	4149	0	0
Value 2832	4150	0	0
Value 2833	4151	0	0
Value 2834	4152	0	0
Value 2835	4153	0	0
Value 2836	4154	0	0
Value 2837	4155	0	0
Value 2838	4156	0	0
Value 2839	4157	0	0
Value 284	891	0	0
Value 2840	4158	0	0
Value 2841	4159	0	0
Value 2842	4160	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2843	4161	0	0
Value 2844	4162	0	0
Value 2845	4163	0	0
Value 2846	4164	0	0
Value 2847	4165	0	0
Value 2848	4166	0	0
Value 2849	4167	0	0
Value 285	892	0	0
Value 2850	4168	0	0
Value 2851	4169	0	0
Value 2852	4170	0	0
Value 2853	4171	0	0
Value 2854	4172	0	0
Value 2855	4173	0	0
Value 2856	4174	0	0
Value 2857	4175	0	0
Value 2858	4176	0	0
Value 2859	4177	0	0
Value 286	893	0	0
Value 2860	4178	0	0
Value 2861	4179	0	0
Value 2862	4180	0	0
Value 2863	4181	0	0
Value 2864	4182	0	0
Value 2865	4183	0	0
Value 2866	4184	0	0
Value 2867	4185	0	0
Value 2868	4186	0	0
Value 2869	4187	0	0
Value 287	894	0	0
Value 2870	4188	0	0
Value 2871	4189	0	0
Value 2872	4190	0	0
Value 2873	4191	0	0
Value 2874	4192	0	0
Value 2875	4193	0	0
Value 2876	4194	0	0
Value 2877	4195	0	0
Value 2878	4196	0	0
Value 2879	4197	0	0
Value 288	895	0	0
Value 2880	4198	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2881	4199	0	0
Value 2882	4200	0	0
Value 2883	4201	0	0
Value 2884	4202	0	0
Value 2885	4203	0	0
Value 2886	4204	0	0
Value 2887	4205	0	0
Value 2888	4206	0	0
Value 2889	4207	0	0
Value 289	896	0	0
Value 2890	4208	0	0
Value 2891	4209	0	0
Value 2892	4210	0	0
Value 2893	4211	0	0
Value 2894	4212	0	0
Value 2895	4213	0	0
Value 2896	4214	0	0
Value 2897	4215	0	0
Value 2898	4216	0	0
Value 2899	4217	0	0
Value 29	499	0	0
Value 290	897	0	0
Value 2900	4218	0	0
Value 2901	4219	0	0
Value 2902	4220	0	0
Value 2903	4221	0	0
Value 2904	4222	0	0
Value 2905	4223	0	0
Value 2906	4224	0	0
Value 2907	4225	0	0
Value 2908	4226	0	0
Value 2909	4227	0	0
Value 291	898	0	0
Value 2910	4228	0	0
Value 2911	4229	0	0
Value 2912	4230	0	0
Value 2913	4231	0	0
Value 2914	4232	0	0
Value 2915	4233	0	0
Value 2916	4234	0	0
Value 2917	4235	0	0
Value 2918	4236	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2919	4237	0	0
Value 292	899	0	0
Value 2920	4238	0	0
Value 2921	4239	0	0
Value 2922	4240	0	0
Value 2923	4241	0	0
Value 2924	4242	0	0
Value 2925	4243	0	0
Value 2926	4244	0	0
Value 2927	4245	0	0
Value 2928	4246	0	0
Value 2929	4247	0	0
Value 293	900	0	0
Value 2930	4248	0	0
Value 2931	4249	0	0
Value 2932	4250	0	0
Value 2933	4251	0	0
Value 2934	4252	0	0
Value 2935	4253	0	0
Value 2936	4254	0	0
Value 2937	4255	0	0
Value 2938	4256	0	0
Value 2939	4257	0	0
Value 294	901	0	0
Value 2940	4258	0	0
Value 2941	4259	0	0
Value 2942	4260	0	0
Value 2943	4261	0	0
Value 2944	4262	0	0
Value 2945	4263	0	0
Value 2946	4264	0	0
Value 2947	4265	0	0
Value 2948	4266	0	0
Value 2949	4267	0	0
Value 295	902	0	0
Value 2950	4268	0	0
Value 2951	4269	0	0
Value 2952	4270	0	0
Value 2953	4271	0	0
Value 2954	4272	0	0
Value 2955	4273	0	0
Value 2956	4274	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2957	4275	0	0
Value 2958	4276	0	0
Value 2959	4277	0	0
Value 296	903	0	0
Value 2960	4278	0	0
Value 2961	4279	0	0
Value 2962	4280	0	0
Value 2963	4281	0	0
Value 2964	4282	0	0
Value 2965	4283	0	0
Value 2966	4284	0	0
Value 2967	4285	0	0
Value 2968	4286	0	0
Value 2969	4287	0	0
Value 297	904	0	0
Value 2970	4288	0	0
Value 2971	4289	0	0
Value 2972	4290	0	0
Value 2973	4291	0	0
Value 2974	4292	0	0
Value 2975	4293	0	0
Value 2976	4294	0	0
Value 2977	4295	0	0
Value 2978	4296	0	0
Value 2979	4297	0	0
Value 298	905	0	0
Value 2980	4298	0	0
Value 2981	4299	0	0
Value 2982	4300	0	0
Value 2983	4301	0	0
Value 2984	4302	0	0
Value 2985	4303	0	0
Value 2986	4304	0	0
Value 2987	4305	0	0
Value 2988	4306	0	0
Value 2989	4307	0	0
Value 299	906	0	0
Value 2990	4308	0	0
Value 2991	4309	0	0
Value 2992	4310	0	0
Value 2993	4311	0	0
Value 2994	4312	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 2995	4313	0	0
Value 2996	4314	0	0
Value 2997	4315	0	0
Value 2998	4316	0	0
Value 2999	4317	0	0
Value 3	3910	0	0
Value 3	399	0	0
Value 3	3910	0	0
Value 3	3910	0	0
Value 3	3910	0	0
Value 30	500	0	0
Value 300	907	0	0
Value 3000	4318	0	0
Value 3001	4319	0	0
Value 3002	4320	0	0
Value 3003	4321	0	0
Value 3004	4322	0	0
Value 3005	4323	0	0
Value 3006	4324	0	0
Value 3007	4325	0	0
Value 3008	4326	0	0
Value 3009	4327	0	0
Value 301	908	0	0
Value 3010	4328	0	0
Value 3011	4329	0	0
Value 3012	4330	0	0
Value 3013	4331	0	0
Value 3014	4332	0	0
Value 3015	4333	0	0
Value 3016	4334	0	0
Value 3017	4335	0	0
Value 3018	4336	0	0
Value 3019	4337	0	0
Value 302	909	0	0
Value 3020	4338	0	0
Value 3021	4339	0	0
Value 3022	4340	0	0
Value 3023	4341	0	0
Value 3024	4342	0	0
Value 3025	4343	0	0
Value 3026	4344	0	0
Value 3027	4345	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3028	4346	0	0
Value 3029	4347	0	0
Value 303	910	0	0
Value 3030	4348	0	0
Value 3031	4349	0	0
Value 3032	4350	0	0
Value 3033	4351	0	0
Value 3034	4352	0	0
Value 3035	4353	0	0
Value 3036	4354	0	0
Value 3037	4355	0	0
Value 3038	4356	0	0
Value 3039	4357	0	0
Value 304	911	0	0
Value 3040	4358	0	0
Value 3041	4359	0	0
Value 3042	4360	0	0
Value 3043	4361	0	0
Value 3044	4362	0	0
Value 3045	4363	0	0
Value 3046	4364	0	0
Value 3047	4365	0	0
Value 3048	4366	0	0
Value 3049	4367	0	0
Value 305	912	0	0
Value 3050	4368	0	0
Value 3051	4369	0	0
Value 3052	4370	0	0
Value 3053	4371	0	0
Value 3054	4372	0	0
Value 3055	4373	0	0
Value 3056	4374	0	0
Value 3057	4375	0	0
Value 3058	4376	0	0
Value 3059	4377	0	0
Value 306	913	0	0
Value 3060	4378	0	0
Value 3061	4379	0	0
Value 3062	4380	0	0
Value 3063	4381	0	0
Value 3064	4382	0	0
Value 3065	4383	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3066	4384	0	0
Value 3067	4385	0	0
Value 3068	4386	0	0
Value 3069	4387	0	0
Value 307	914	0	0
Value 3070	4388	0	0
Value 3071	4389	0	0
Value 3072	4390	0	0
Value 3073	4391	0	0
Value 3074	4392	0	0
Value 3075	4393	0	0
Value 3076	4394	0	0
Value 3077	4395	0	0
Value 3078	4396	0	0
Value 3079	4397	0	0
Value 308	915	0	0
Value 3080	4398	0	0
Value 3081	4399	0	0
Value 3082	4400	0	0
Value 3083	4401	0	0
Value 3084	4402	0	0
Value 3085	4403	0	0
Value 3086	4404	0	0
Value 3087	4405	0	0
Value 3088	4406	0	0
Value 3089	4407	0	0
Value 309	916	0	0
Value 3090	4408	0	0
Value 3091	4409	0	0
Value 3092	4410	0	0
Value 3093	4411	0	0
Value 3094	4412	0	0
Value 3095	4413	0	0
Value 3096	4414	0	0
Value 3097	4415	0	0
Value 3098	4416	0	0
Value 3099	4417	0	0
Value 31	501	0	0
Value 310	917	0	0
Value 3100	4418	0	0
Value 3101	4419	0	0
Value 3102	4420	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3103	4421	0	0
Value 3104	4422	0	0
Value 3105	4423	0	0
Value 3106	4424	0	0
Value 3107	4425	0	0
Value 3108	4426	0	0
Value 3109	4427	0	0
Value 311	918	0	0
Value 3110	4428	0	0
Value 3111	4429	0	0
Value 3112	4430	0	0
Value 3113	4431	0	0
Value 3114	4432	0	0
Value 3115	4433	0	0
Value 3116	4434	0	0
Value 3117	4435	0	0
Value 3118	4436	0	0
Value 3119	4437	0	0
Value 312	919	0	0
Value 3120	4438	0	0
Value 3121	4439	0	0
Value 3122	4440	0	0
Value 3123	4441	0	0
Value 3124	4442	0	0
Value 3125	4443	0	0
Value 3126	4444	0	0
Value 3127	4445	0	0
Value 3128	4446	0	0
Value 3129	4447	0	0
Value 313	920	0	0
Value 3130	4448	0	0
Value 3131	4449	0	0
Value 3132	4450	0	0
Value 3133	4451	0	0
Value 3134	4452	0	0
Value 3135	4453	0	0
Value 3136	4454	0	0
Value 3137	4455	0	0
Value 3138	4456	0	0
Value 3139	4457	0	0
Value 314	921	0	0
Value 3140	4458	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3141	4459	0	0
Value 3142	4460	0	0
Value 3143	4461	0	0
Value 3144	4462	0	0
Value 3145	4463	0	0
Value 3146	4464	0	0
Value 3147	4465	0	0
Value 3148	4466	0	0
Value 3149	4467	0	0
Value 315	922	0	0
Value 3150	4468	0	0
Value 3151	4469	0	0
Value 3152	4470	0	0
Value 3153	4471	0	0
Value 3154	4472	0	0
Value 3155	4473	0	0
Value 3156	4474	0	0
Value 3157	4475	0	0
Value 3158	4476	0	0
Value 3159	4477	0	0
Value 316	923	0	0
Value 3160	4478	0	0
Value 3161	4479	0	0
Value 3162	4480	0	0
Value 3163	4481	0	0
Value 3164	4482	0	0
Value 3165	4483	0	0
Value 3166	4484	0	0
Value 3167	4485	0	0
Value 3168	4486	0	0
Value 3169	4487	0	0
Value 317	924	0	0
Value 3170	4488	0	0
Value 3171	4489	0	0
Value 3172	4490	0	0
Value 3173	4491	0	0
Value 3174	4492	0	0
Value 3175	4493	0	0
Value 3176	4494	0	0
Value 3177	4495	0	0
Value 3178	4496	0	0
Value 3179	4497	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 318	925	0	0
Value 3180	4498	0	0
Value 3181	4499	0	0
Value 3182	4500	0	0
Value 3183	4501	0	0
Value 3184	4502	0	0
Value 3185	4503	0	0
Value 3186	4504	0	0
Value 3187	4505	0	0
Value 3188	4506	0	0
Value 3189	4507	0	0
Value 319	926	0	0
Value 3190	4508	0	0
Value 3191	4509	0	0
Value 3192	4510	0	0
Value 3193	4511	0	0
Value 3194	4512	0	0
Value 3195	4513	0	0
Value 3196	4514	0	0
Value 3197	4515	0	0
Value 3198	4516	0	0
Value 3199	4517	0	0
Value 32	502	0	0
Value 320	927	0	0
Value 3200	4518	0	0
Value 3201	4519	0	0
Value 3202	4520	0	0
Value 3203	4521	0	0
Value 3204	4522	0	0
Value 3205	4523	0	0
Value 3206	4524	0	0
Value 3207	4525	0	0
Value 3208	4526	0	0
Value 3209	4527	0	0
Value 321	928	0	0
Value 3210	4528	0	0
Value 3211	4529	0	0
Value 3212	4530	0	0
Value 3213	4531	0	0
Value 3214	4532	0	0
Value 3215	4533	0	0
Value 3216	4534	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3217	4535	0	0
Value 3218	4536	0	0
Value 3219	4537	0	0
Value 322	929	0	0
Value 3220	4538	0	0
Value 3221	4539	0	0
Value 3222	4540	0	0
Value 3223	4541	0	0
Value 3224	4542	0	0
Value 3225	4543	0	0
Value 3226	4544	0	0
Value 3227	4545	0	0
Value 3228	4546	0	0
Value 3229	4547	0	0
Value 323	930	0	0
Value 3230	4548	0	0
Value 3231	4549	0	0
Value 3232	4550	0	0
Value 3233	4551	0	0
Value 3234	4552	0	0
Value 3235	4553	0	0
Value 3236	4554	0	0
Value 3237	4555	0	0
Value 3238	4556	0	0
Value 3239	4557	0	0
Value 324	931	0	0
Value 3240	4558	0	0
Value 3241	4559	0	0
Value 3242	4560	0	0
Value 3243	4561	0	0
Value 3244	4562	0	0
Value 3245	4563	0	0
Value 3246	4564	0	0
Value 3247	4565	0	0
Value 3248	4566	0	0
Value 3249	4567	0	0
Value 325	932	0	0
Value 3250	4568	0	0
Value 3251	4569	0	0
Value 3252	4570	0	0
Value 3253	4571	0	0
Value 3254	4572	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3255	4573	0	0
Value 3256	4574	0	0
Value 3257	4575	0	0
Value 3258	4576	0	0
Value 3259	4577	0	0
Value 326	933	0	0
Value 3260	4578	0	0
Value 3261	4579	0	0
Value 3262	4580	0	0
Value 3263	4581	0	0
Value 3264	4582	0	0
Value 3265	4583	0	0
Value 3266	4584	0	0
Value 3267	4585	0	0
Value 3268	4586	0	0
Value 3269	4587	0	0
Value 327	934	0	0
Value 3270	4588	0	0
Value 3271	4589	0	0
Value 3272	4590	0	0
Value 3273	4591	0	0
Value 3274	4592	0	0
Value 3275	4593	0	0
Value 3276	4594	0	0
Value 3277	4595	0	0
Value 3278	4596	0	0
Value 3279	4597	0	0
Value 328	935	0	0
Value 3280	4598	0	0
Value 3281	4599	0	0
Value 3282	4600	0	0
Value 3283	4601	0	0
Value 3284	4602	0	0
Value 3285	4603	0	0
Value 3286	4604	0	0
Value 3287	4605	0	0
Value 3288	4606	0	0
Value 3289	4607	0	0
Value 329	936	0	0
Value 3290	4608	0	0
Value 3291	4609	0	0
Value 3292	4610	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3293	4611	0	0
Value 3294	4612	0	0
Value 3295	4613	0	0
Value 3296	4614	0	0
Value 3297	4615	0	0
Value 3298	4616	0	0
Value 3299	4617	0	0
Value 33	503	0	0
Value 330	937	0	0
Value 3300	4618	0	0
Value 3301	4619	0	0
Value 3302	4620	0	0
Value 3303	4621	0	0
Value 3304	4622	0	0
Value 3305	4623	0	0
Value 3306	4624	0	0
Value 3307	4625	0	0
Value 3308	4626	0	0
Value 3309	4627	0	0
Value 331	938	0	0
Value 3310	4628	0	0
Value 3311	4629	0	0
Value 3312	4630	0	0
Value 3313	4631	0	0
Value 3314	4632	0	0
Value 3315	4633	0	0
Value 3316	4634	0	0
Value 3317	4635	0	0
Value 3318	4636	0	0
Value 3319	4637	0	0
Value 332	939	0	0
Value 3320	4638	0	0
Value 3321	4639	0	0
Value 3322	4640	0	0
Value 3323	4641	0	0
Value 3324	4642	0	0
Value 3325	4643	0	0
Value 3326	4644	0	0
Value 3327	4645	0	0
Value 3328	4646	0	0
Value 3329	4647	0	0
Value 333	940	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3330	4648	0	0
Value 3331	4649	0	0
Value 3332	4650	0	0
Value 3333	4651	0	0
Value 3334	4652	0	0
Value 3335	4653	0	0
Value 3336	4654	0	0
Value 3337	4655	0	0
Value 3338	4656	0	0
Value 3339	4657	0	0
Value 334	941	0	0
Value 3340	4658	0	0
Value 3341	4659	0	0
Value 3342	4660	0	0
Value 3343	4661	0	0
Value 3344	4662	0	0
Value 3345	4663	0	0
Value 3346	4664	0	0
Value 3347	4665	0	0
Value 3348	4666	0	0
Value 3349	4667	0	0
Value 335	942	0	0
Value 3350	4668	0	0
Value 3351	4669	0	0
Value 3352	4670	0	0
Value 3353	4671	0	0
Value 3354	4672	0	0
Value 3355	4673	0	0
Value 3356	4674	0	0
Value 3357	4675	0	0
Value 3358	4676	0	0
Value 3359	4677	0	0
Value 336	943	0	0
Value 3360	4678	0	0
Value 3361	4679	0	0
Value 3362	4680	0	0
Value 3363	4681	0	0
Value 3364	4682	0	0
Value 3365	4683	0	0
Value 3366	4684	0	0
Value 3367	4685	0	0
Value 3368	4686	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3369	4687	0	0
Value 337	944	0	0
Value 3370	4688	0	0
Value 3371	4689	0	0
Value 3372	4690	0	0
Value 3373	4691	0	0
Value 3374	4692	0	0
Value 3375	4693	0	0
Value 3376	4694	0	0
Value 3377	4695	0	0
Value 3378	4696	0	0
Value 3379	4697	0	0
Value 338	945	0	0
Value 3380	4698	0	0
Value 3381	4699	0	0
Value 3382	4700	0	0
Value 3383	4701	0	0
Value 3384	4702	0	0
Value 3385	4703	0	0
Value 3386	4704	0	0
Value 3387	4705	0	0
Value 3388	4706	0	0
Value 3389	4707	0	0
Value 339	946	0	0
Value 3390	4708	0	0
Value 3391	4709	0	0
Value 3392	4710	0	0
Value 3393	4711	0	0
Value 3394	4712	0	0
Value 3395	4713	0	0
Value 3396	4714	0	0
Value 3397	4715	0	0
Value 3398	4716	0	0
Value 3399	4717	0	0
Value 34	504	0	0
Value 340	947	0	0
Value 3400	4718	0	0
Value 3401	4808	0	0
Value 3402	4809	0	0
Value 3403	4810	0	0
Value 3404	4811	0	0
Value 3405	4812	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3406	4813	0	0
Value 3407	4814	0	0
Value 3408	4815	0	0
Value 3409	4816	0	0
Value 341	948	0	0
Value 3410	4817	0	0
Value 3411	4818	0	0
Value 3412	4819	0	0
Value 3413	4820	0	0
Value 3414	4821	0	0
Value 3415	4822	0	0
Value 3416	4823	0	0
Value 3417	4824	0	0
Value 3418	4825	0	0
Value 3419	4826	0	0
Value 342	949	0	0
Value 3420	4827	0	0
Value 3421	4828	0	0
Value 3422	4829	0	0
Value 3423	4830	0	0
Value 3424	4831	0	0
Value 3425	4832	0	0
Value 3426	4833	0	0
Value 3427	4834	0	0
Value 3428	4835	0	0
Value 3429	4836	0	0
Value 343	950	0	0
Value 3430	4837	0	0
Value 3431	4838	0	0
Value 3432	4839	0	0
Value 3433	4840	0	0
Value 3434	4841	0	0
Value 3435	4842	0	0
Value 3436	4843	0	0
Value 3437	4844	0	0
Value 3438	4845	0	0
Value 3439	4846	0	0
Value 344	951	0	0
Value 3440	4847	0	0
Value 3441	4848	0	0
Value 3442	4849	0	0
Value 3443	4850	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3444	4851	0	0
Value 3445	4852	0	0
Value 3446	4853	0	0
Value 3447	4854	0	0
Value 3448	4855	0	0
Value 3449	4856	0	0
Value 345	952	0	0
Value 3450	4857	0	0
Value 3451	4858	0	0
Value 3452	4859	0	0
Value 3453	4860	0	0
Value 3454	4861	0	0
Value 3455	4862	0	0
Value 3456	4863	0	0
Value 3457	4864	0	0
Value 3458	4865	0	0
Value 3459	4866	0	0
Value 346	953	0	0
Value 3460	4867	0	0
Value 3461	4868	0	0
Value 3462	4869	0	0
Value 3463	4870	0	0
Value 3464	4871	0	0
Value 3465	4872	0	0
Value 3466	4873	0	0
Value 3467	4874	0	0
Value 3468	4875	0	0
Value 3469	4876	0	0
Value 347	954	0	0
Value 3470	4877	0	0
Value 3471	4878	0	0
Value 3472	4879	0	0
Value 3473	4880	0	0
Value 3474	4881	0	0
Value 3475	4882	0	0
Value 3476	4883	0	0
Value 3477	4884	0	0
Value 3478	4885	0	0
Value 3479	4886	0	0
Value 348	955	0	0
Value 3480	4887	0	0
Value 3481	4888	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3482	4889	0	0
Value 3483	4890	0	0
Value 3484	4891	0	0
Value 3485	4892	0	0
Value 3486	4893	0	0
Value 3487	4894	0	0
Value 3488	4895	0	0
Value 3489	4896	0	0
Value 349	956	0	0
Value 3490	4897	0	0
Value 3491	4898	0	0
Value 3492	4899	0	0
Value 3493	4900	0	0
Value 3494	4901	0	0
Value 3495	4902	0	0
Value 3496	4903	0	0
Value 3497	4904	0	0
Value 3498	4905	0	0
Value 3499	4906	0	0
Value 35	505	0	0
Value 350	957	0	0
Value 3500	4907	0	0
Value 3501	4908	0	0
Value 3502	4909	0	0
Value 3503	4910	0	0
Value 3504	4911	0	0
Value 3505	4912	0	0
Value 3506	4913	0	0
Value 3507	4914	0	0
Value 3508	4915	0	0
Value 3509	4916	0	0
Value 351	958	0	0
Value 3510	4917	0	0
Value 3511	4918	0	0
Value 3512	4919	0	0
Value 3513	4920	0	0
Value 3514	4921	0	0
Value 3515	4922	0	0
Value 3516	4923	0	0
Value 3517	4924	0	0
Value 3518	4925	0	0
Value 3519	4926	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 352	959	0	0
Value 3520	4927	0	0
Value 3521	4928	0	0
Value 3522	4929	0	0
Value 3523	4930	0	0
Value 3524	4931	0	0
Value 3525	4932	0	0
Value 3526	4933	0	0
Value 3527	4934	0	0
Value 3528	4935	0	0
Value 3529	4936	0	0
Value 353	960	0	0
Value 3530	4937	0	0
Value 3531	4938	0	0
Value 3532	4939	0	0
Value 3533	4940	0	0
Value 3534	4941	0	0
Value 3535	4942	0	0
Value 3536	4943	0	0
Value 3537	4944	0	0
Value 3538	4945	0	0
Value 3539	4946	0	0
Value 354	961	0	0
Value 3540	4947	0	0
Value 3541	4948	0	0
Value 3542	4949	0	0
Value 3543	4950	0	0
Value 3544	4951	0	0
Value 3545	4952	0	0
Value 3546	4953	0	0
Value 3547	4954	0	0
Value 3548	4955	0	0
Value 3549	4956	0	0
Value 355	962	0	0
Value 3550	4957	0	0
Value 3551	4958	0	0
Value 3552	4959	0	0
Value 3553	4960	0	0
Value 3554	4961	0	0
Value 3555	4962	0	0
Value 3556	4963	0	0
Value 3557	4964	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3558	4965	0	0
Value 3559	4966	0	0
Value 356	963	0	0
Value 3560	4967	0	0
Value 3561	4968	0	0
Value 3562	4969	0	0
Value 3563	4970	0	0
Value 3564	4971	0	0
Value 3565	4972	0	0
Value 3566	4973	0	0
Value 3567	4974	0	0
Value 3568	4975	0	0
Value 3569	4976	0	0
Value 357	964	0	0
Value 3570	4977	0	0
Value 3571	4978	0	0
Value 3572	4979	0	0
Value 3573	4980	0	0
Value 3574	4981	0	0
Value 3575	4982	0	0
Value 3576	4983	0	0
Value 3577	4984	0	0
Value 3578	4985	0	0
Value 3579	4986	0	0
Value 358	965	0	0
Value 3580	4987	0	0
Value 3581	4988	0	0
Value 3582	4989	0	0
Value 3583	4990	0	0
Value 3584	4991	0	0
Value 3585	4992	0	0
Value 3586	4993	0	0
Value 3587	4994	0	0
Value 3588	4995	0	0
Value 3589	4996	0	0
Value 359	966	0	0
Value 3590	4997	0	0
Value 3591	4998	0	0
Value 3592	4999	0	0
Value 3593	5000	0	0
Value 3594	5001	0	0
Value 3595	5002	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3596	5003	0	0
Value 3597	5004	0	0
Value 3598	5005	0	0
Value 3599	5006	0	0
Value 36	506	0	0
Value 360	967	0	0
Value 3600	5007	0	0
Value 3601	5008	0	0
Value 3602	5009	0	0
Value 3603	5010	0	0
Value 3604	5011	0	0
Value 3605	5012	0	0
Value 3606	5013	0	0
Value 3607	5014	0	0
Value 3608	5015	0	0
Value 3609	5016	0	0
Value 361	968	0	0
Value 3610	5017	0	0
Value 3611	5018	0	0
Value 3612	5019	0	0
Value 3613	5020	0	0
Value 3614	5021	0	0
Value 3615	5022	0	0
Value 3616	5023	0	0
Value 3617	5024	0	0
Value 3618	5025	0	0
Value 3619	5026	0	0
Value 362	969	0	0
Value 3620	5027	0	0
Value 3621	5028	0	0
Value 3622	5029	0	0
Value 3623	5030	0	0
Value 3624	5031	0	0
Value 3625	5032	0	0
Value 3626	5033	0	0
Value 3627	5034	0	0
Value 3628	5035	0	0
Value 3629	5036	0	0
Value 363	970	0	0
Value 3630	5037	0	0
Value 3631	5038	0	0
Value 3632	5039	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3633	5040	0	0
Value 3634	5041	0	0
Value 3635	5042	0	0
Value 3636	5043	0	0
Value 3637	5044	0	0
Value 3638	5045	0	0
Value 3639	5046	0	0
Value 364	971	0	0
Value 3640	5047	0	0
Value 3641	5048	0	0
Value 3642	5049	0	0
Value 3643	5050	0	0
Value 3644	5051	0	0
Value 3645	5052	0	0
Value 3646	5053	0	0
Value 3647	5054	0	0
Value 3648	5055	0	0
Value 3649	5056	0	0
Value 365	972	0	0
Value 3650	5057	0	0
Value 3651	5058	0	0
Value 3652	5059	0	0
Value 3653	5060	0	0
Value 3654	5061	0	0
Value 3655	5062	0	0
Value 3656	5063	0	0
Value 3657	5064	0	0
Value 3658	5065	0	0
Value 3659	5066	0	0
Value 366	973	0	0
Value 3660	5067	0	0
Value 3661	5068	0	0
Value 3662	5069	0	0
Value 3663	5070	0	0
Value 3664	5071	0	0
Value 3665	5072	0	0
Value 3666	5073	0	0
Value 3667	5074	0	0
Value 3668	5075	0	0
Value 3669	5076	0	0
Value 367	974	0	0
Value 3670	5077	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3671	5078	0	0
Value 3672	5079	0	0
Value 3673	5080	0	0
Value 3674	5081	0	0
Value 3675	5082	0	0
Value 3676	5083	0	0
Value 3677	5084	0	0
Value 3678	5085	0	0
Value 3679	5086	0	0
Value 368	975	0	0
Value 3680	5087	0	0
Value 3681	5088	0	0
Value 3682	5089	0	0
Value 3683	5090	0	0
Value 3684	5091	0	0
Value 3685	5092	0	0
Value 3686	5093	0	0
Value 3687	5094	0	0
Value 3688	5095	0	0
Value 3689	5096	0	0
Value 369	976	0	0
Value 3690	5097	0	0
Value 3691	5098	0	0
Value 3692	5099	0	0
Value 3693	5100	0	0
Value 3694	5101	0	0
Value 3695	5102	0	0
Value 3696	5103	0	0
Value 3697	5104	0	0
Value 3698	5105	0	0
Value 3699	5106	0	0
Value 37	507	0	0
Value 370	977	0	0
Value 3700	5107	0	0
Value 3701	5108	0	0
Value 3702	5109	0	0
Value 3703	5110	0	0
Value 3704	5111	0	0
Value 3705	5112	0	0
Value 3706	5113	0	0
Value 3707	5114	0	0
Value 3708	5115	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3709	5116	0	0
Value 371	978	0	0
Value 3710	5117	0	0
Value 3711	5118	0	0
Value 3712	5119	0	0
Value 3713	5120	0	0
Value 3714	5121	0	0
Value 3715	5122	0	0
Value 3716	5123	0	0
Value 3717	5124	0	0
Value 3718	5125	0	0
Value 3719	5126	0	0
Value 372	979	0	0
Value 3720	5127	0	0
Value 3721	5128	0	0
Value 3722	5129	0	0
Value 3723	5130	0	0
Value 3724	5131	0	0
Value 3725	5132	0	0
Value 3726	5133	0	0
Value 3727	5134	0	0
Value 3728	5135	0	0
Value 3729	5136	0	0
Value 373	980	0	0
Value 3730	5137	0	0
Value 3731	5138	0	0
Value 3732	5139	0	0
Value 3733	5140	0	0
Value 3734	5141	0	0
Value 3735	5142	0	0
Value 3736	5143	0	0
Value 3737	5144	0	0
Value 3738	5145	0	0
Value 3739	5146	0	0
Value 374	981	0	0
Value 3740	5147	0	0
Value 3741	5148	0	0
Value 3742	5149	0	0
Value 3743	5150	0	0
Value 3744	5151	0	0
Value 3745	5152	0	0
Value 3746	5153	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3747	5154	0	0
Value 3748	5155	0	0
Value 3749	5156	0	0
Value 375	982	0	0
Value 3750	5157	0	0
Value 3751	5158	0	0
Value 3752	5159	0	0
Value 3753	5160	0	0
Value 3754	5161	0	0
Value 3755	5162	0	0
Value 3756	5163	0	0
Value 3757	5164	0	0
Value 3758	5165	0	0
Value 3759	5166	0	0
Value 376	983	0	0
Value 3760	5167	0	0
Value 3761	5168	0	0
Value 3762	5169	0	0
Value 3763	5170	0	0
Value 3764	5171	0	0
Value 3765	5172	0	0
Value 3766	5173	0	0
Value 3767	5174	0	0
Value 3768	5175	0	0
Value 3769	5176	0	0
Value 377	984	0	0
Value 3770	5177	0	0
Value 3771	5178	0	0
Value 3772	5179	0	0
Value 3773	5180	0	0
Value 3774	5181	0	0
Value 3775	5182	0	0
Value 3776	5183	0	0
Value 3777	5184	0	0
Value 3778	5185	0	0
Value 3779	5186	0	0
Value 378	985	0	0
Value 3780	5187	0	0
Value 3781	5188	0	0
Value 3782	5189	0	0
Value 3783	5190	0	0
Value 3784	5191	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3785	5192	0	0
Value 3786	5193	0	0
Value 3787	5194	0	0
Value 3788	5195	0	0
Value 3789	5196	0	0
Value 379	986	0	0
Value 3790	5197	0	0
Value 3791	5198	0	0
Value 3792	5199	0	0
Value 3793	5200	0	0
Value 3794	5201	0	0
Value 3795	5202	0	0
Value 3796	5203	0	0
Value 3797	5204	0	0
Value 3798	5205	0	0
Value 3799	5206	0	0
Value 38	508	0	0
Value 380	987	0	0
Value 3800	5207	0	0
Value 3801	5208	0	0
Value 3802	5209	0	0
Value 3803	5210	0	0
Value 3804	5211	0	0
Value 3805	5212	0	0
Value 3806	5213	0	0
Value 3807	5214	0	0
Value 3808	5215	0	0
Value 3809	5216	0	0
Value 381	988	0	0
Value 3810	5217	0	0
Value 3811	5218	0	0
Value 3812	5219	0	0
Value 3813	5220	0	0
Value 3814	5221	0	0
Value 3815	5222	0	0
Value 3816	5223	0	0
Value 3817	5224	0	0
Value 3818	5225	0	0
Value 3819	5226	0	0
Value 382	989	0	0
Value 3820	5227	0	0
Value 3821	5228	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3822	5229	0	0
Value 3823	5230	0	0
Value 3824	5231	0	0
Value 3825	5232	0	0
Value 3826	5233	0	0
Value 3827	5234	0	0
Value 3828	5235	0	0
Value 3829	5236	0	0
Value 383	990	0	0
Value 3830	5237	0	0
Value 3831	5238	0	0
Value 3832	5239	0	0
Value 3833	5240	0	0
Value 3834	5241	0	0
Value 3835	5242	0	0
Value 3836	5243	0	0
Value 3837	5244	0	0
Value 3838	5245	0	0
Value 3839	5246	0	0
Value 384	991	0	0
Value 3840	5247	0	0
Value 3841	5248	0	0
Value 3842	5249	0	0
Value 3843	5250	0	0
Value 3844	5251	0	0
Value 3845	5252	0	0
Value 3846	5253	0	0
Value 3847	5254	0	0
Value 3848	5255	0	0
Value 3849	5256	0	0
Value 385	992	0	0
Value 3850	5257	0	0
Value 3851	5258	0	0
Value 3852	5259	0	0
Value 3853	5260	0	0
Value 3854	5261	0	0
Value 3855	5262	0	0
Value 3856	5263	0	0
Value 3857	5264	0	0
Value 3858	5265	0	0
Value 3859	5266	0	0
Value 386	993	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3860	5267	0	0
Value 3861	5268	0	0
Value 3862	5269	0	0
Value 3863	5270	0	0
Value 3864	5271	0	0
Value 3865	5272	0	0
Value 3866	5273	0	0
Value 3867	5274	0	0
Value 3868	5275	0	0
Value 3869	5276	0	0
Value 387	994	0	0
Value 3870	5277	0	0
Value 3871	5278	0	0
Value 3872	5279	0	0
Value 3873	5280	0	0
Value 3874	5281	0	0
Value 3875	5282	0	0
Value 3876	5283	0	0
Value 3877	5284	0	0
Value 3878	5285	0	0
Value 3879	5286	0	0
Value 388	995	0	0
Value 3880	5287	0	0
Value 3881	5288	0	0
Value 3882	5289	0	0
Value 3883	5290	0	0
Value 3884	5291	0	0
Value 3885	5292	0	0
Value 3886	5293	0	0
Value 3887	5294	0	0
Value 3888	5295	0	0
Value 3889	5296	0	0
Value 389	996	0	0
Value 3890	5297	0	0
Value 3891	5298	0	0
Value 3892	5299	0	0
Value 3893	5300	0	0
Value 3894	5301	0	0
Value 3895	5302	0	0
Value 3896	5303	0	0
Value 3897	5304	0	0
Value 3898	5305	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3899	5306	0	0
Value 39	509	0	0
Value 390	997	0	0
Value 3900	5307	0	0
Value 3901	5308	0	0
Value 3902	5309	0	0
Value 3903	5310	0	0
Value 3904	5311	0	0
Value 3905	5312	0	0
Value 3906	5313	0	0
Value 3907	5314	0	0
Value 3908	5315	0	0
Value 3909	5316	0	0
Value 391	998	0	0
Value 3910	5317	0	0
Value 3911	5318	0	0
Value 3912	5319	0	0
Value 3913	5320	0	0
Value 3914	5321	0	0
Value 3915	5322	0	0
Value 3916	5323	0	0
Value 3917	5324	0	0
Value 3918	5325	0	0
Value 3919	5326	0	0
Value 392	999	0	0
Value 3920	5327	0	0
Value 3921	5328	0	0
Value 3922	5329	0	0
Value 3923	5330	0	0
Value 3924	5331	0	0
Value 3925	5332	0	0
Value 3926	5333	0	0
Value 3927	5334	0	0
Value 3928	5335	0	0
Value 3929	5336	0	0
Value 393	1000	0	0
Value 3930	5337	0	0
Value 3931	5338	0	0
Value 3932	5339	0	0
Value 3933	5340	0	0
Value 3934	5341	0	0
Value 3935	5342	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3936	5343	0	0
Value 3937	5344	0	0
Value 3938	5345	0	0
Value 3939	5346	0	0
Value 394	1001	0	0
Value 3940	5347	0	0
Value 3941	5348	0	0
Value 3942	5349	0	0
Value 3943	5350	0	0
Value 3944	5351	0	0
Value 3945	5352	0	0
Value 3946	5353	0	0
Value 3947	5354	0	0
Value 3948	5355	0	0
Value 3949	5356	0	0
Value 395	1002	0	0
Value 3950	5357	0	0
Value 3951	5358	0	0
Value 3952	5359	0	0
Value 3953	5360	0	0
Value 3954	5361	0	0
Value 3955	5362	0	0
Value 3956	5363	0	0
Value 3957	5364	0	0
Value 3958	5365	0	0
Value 3959	5366	0	0
Value 396	1003	0	0
Value 3960	5367	0	0
Value 3961	5368	0	0
Value 3962	5369	0	0
Value 3963	5370	0	0
Value 3964	5371	0	0
Value 3965	5372	0	0
Value 3966	5373	0	0
Value 3967	5374	0	0
Value 3968	5375	0	0
Value 3969	5376	0	0
Value 397	1004	0	0
Value 3970	5377	0	0
Value 3971	5378	0	0
Value 3972	5379	0	0
Value 3973	5380	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 3974	5381	0	0
Value 3975	5382	0	0
Value 3976	5383	0	0
Value 3977	5384	0	0
Value 3978	5385	0	0
Value 3979	5386	0	0
Value 398	1005	0	0
Value 3980	5387	0	0
Value 3981	5388	0	0
Value 3982	5389	0	0
Value 3983	5390	0	0
Value 3984	5391	0	0
Value 3985	5392	0	0
Value 3986	5393	0	0
Value 3987	5394	0	0
Value 3988	5395	0	0
Value 3989	5396	0	0
Value 399	1006	0	0
Value 3990	5397	0	0
Value 3991	5398	0	0
Value 3992	5399	0	0
Value 3993	5400	0	0
Value 3994	5401	0	0
Value 3995	5402	0	0
Value 3996	5403	0	0
Value 3997	5404	0	0
Value 3998	5405	0	0
Value 3999	5406	0	0
Value 4	3911	0	0
Value 4	400	0	0
Value 4	3911	0	0
Value 4	3911	0	0
Value 4	3911	0	0
Value 40	510	0	0
Value 400	1007	0	0
Value 4000	5407	0	0
Value 4001	5408	0	0
Value 4002	5409	0	0
Value 4003	5410	0	0
Value 4004	5411	0	0
Value 4005	5412	0	0
Value 4006	5413	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 4007	5414	0	0
Value 4008	5415	0	0
Value 4009	5416	0	0
Value 401	1008	0	0
Value 4010	5417	0	0
Value 4011	5418	0	0
Value 4012	5419	0	0
Value 4013	5420	0	0
Value 4014	5421	0	0
Value 4015	5422	0	0
Value 4016	5423	0	0
Value 4017	5424	0	0
Value 4018	5425	0	0
Value 4019	5426	0	0
Value 402	1009	0	0
Value 4020	5427	0	0
Value 4021	5428	0	0
Value 4022	5429	0	0
Value 4023	5430	0	0
Value 4024	5431	0	0
Value 4025	5432	0	0
Value 4026	5433	0	0
Value 4027	5434	0	0
Value 4028	5435	0	0
Value 4029	5436	0	0
Value 403	1010	0	0
Value 4030	5437	0	0
Value 4031	5438	0	0
Value 4032	5439	0	0
Value 4033	5440	0	0
Value 4034	5441	0	0
Value 4035	5442	0	0
Value 4036	5443	0	0
Value 4037	5444	0	0
Value 4038	5445	0	0
Value 4039	5446	0	0
Value 404	1011	0	0
Value 4040	5447	0	0
Value 4041	5448	0	0
Value 4042	5449	0	0
Value 4043	5450	0	0
Value 4044	5451	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 4045	5452	0	0
Value 4046	5453	0	0
Value 4047	5454	0	0
Value 4048	5455	0	0
Value 4049	5456	0	0
Value 405	1012	0	0
Value 4050	5457	0	0
Value 4051	5458	0	0
Value 4052	5459	0	0
Value 4053	5460	0	0
Value 4054	5461	0	0
Value 4055	5462	0	0
Value 4056	5463	0	0
Value 4057	5464	0	0
Value 4058	5465	0	0
Value 4059	5466	0	0
Value 406	1013	0	0
Value 4060	5467	0	0
Value 4061	5468	0	0
Value 4062	5469	0	0
Value 4063	5470	0	0
Value 4064	5471	0	0
Value 4065	5472	0	0
Value 4066	5473	0	0
Value 4067	5474	0	0
Value 4068	5475	0	0
Value 4069	5476	0	0
Value 407	1014	0	0
Value 4070	5477	0	0
Value 4071	5478	0	0
Value 4072	5479	0	0
Value 4073	5480	0	0
Value 4074	5481	0	0
Value 4075	5482	0	0
Value 4076	5483	0	0
Value 4077	5484	0	0
Value 4078	5485	0	0
Value 4079	5486	0	0
Value 408	1015	0	0
Value 4080	5487	0	0
Value 4081	5488	0	0
Value 4082	5489	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 4083	5490	0	0
Value 4084	5491	0	0
Value 4085	5492	0	0
Value 4086	5493	0	0
Value 4087	5494	0	0
Value 4088	5495	0	0
Value 4089	5496	0	0
Value 409	1016	0	0
Value 4090	5497	0	0
Value 4091	5498	0	0
Value 4092	5499	0	0
Value 4093	5500	0	0
Value 4094	5501	0	0
Value 4095	5502	0	0
Value 4096	5503	0	0
Value 4097	5504	0	0
Value 4098	5505	0	0
Value 4099	5506	0	0
Value 41	511	0	0
Value 410	1017	0	0
Value 4100	5507	0	0
Value 4101	5508	0	0
Value 4102	5509	0	0
Value 4103	5510	0	0
Value 4104	5511	0	0
Value 4105	5512	0	0
Value 4106	5513	0	0
Value 4107	5514	0	0
Value 4108	5515	0	0
Value 4109	5516	0	0
Value 411	1018	0	0
Value 4110	5517	0	0
Value 4111	5518	0	0
Value 412	1019	0	0
Value 413	1020	0	0
Value 414	1021	0	0
Value 415	1022	0	0
Value 416	1023	0	0
Value 417	1024	0	0
Value 418	1025	0	0
Value 419	1026	0	0
Value 42	512	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 420	1027	0	0
Value 421	1028	0	0
Value 422	1029	0	0
Value 423	1030	0	0
Value 424	1031	0	0
Value 425	1032	0	0
Value 426	1033	0	0
Value 427	1034	0	0
Value 428	1035	0	0
Value 429	1036	0	0
Value 43	513	0	0
Value 430	1037	0	0
Value 431	1038	0	0
Value 432	1039	0	0
Value 433	1040	0	0
Value 434	1041	0	0
Value 435	1042	0	0
Value 436	1043	0	0
Value 437	1044	0	0
Value 438	1045	0	0
Value 439	1046	0	0
Value 44	514	0	0
Value 440	1047	0	0
Value 441	1048	0	0
Value 442	1049	0	0
Value 443	1050	0	0
Value 444	1051	0	0
Value 445	1052	0	0
Value 446	1053	0	0
Value 447	1054	0	0
Value 448	1055	0	0
Value 449	1056	0	0
Value 45	515	0	0
Value 450	1057	0	0
Value 451	1065	0	0
Value 452	1066	0	0
Value 453	1067	0	0
Value 454	1068	0	0
Value 455	1069	0	0
Value 456	1070	0	0
Value 457	1071	0	0
Value 458	1072	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 459	1073	0	0
Value 46	516	0	0
Value 460	1074	0	0
Value 461	1075	0	0
Value 462	1076	0	0
Value 463	1077	0	0
Value 464	1078	0	0
Value 465	1079	0	0
Value 466	1080	0	0
Value 467	1081	0	0
Value 468	1082	0	0
Value 469	1083	0	0
Value 47	517	0	0
Value 470	1084	0	0
Value 471	1085	0	0
Value 472	1086	0	0
Value 473	1087	0	0
Value 474	1088	0	0
Value 475	1089	0	0
Value 476	1090	0	0
Value 477	1091	0	0
Value 478	1092	0	0
Value 479	1093	0	0
Value 48	518	0	0
Value 480	1094	0	0
Value 481	1095	0	0
Value 482	1096	0	0
Value 483	1097	0	0
Value 484	1098	0	0
Value 485	1099	0	0
Value 486	1100	0	0
Value 487	1101	0	0
Value 488	1102	0	0
Value 489	1103	0	0
Value 49	519	0	0
Value 490	1104	0	0
Value 491	1105	0	0
Value 492	1106	0	0
Value 493	1107	0	0
Value 494	1108	0	0
Value 495	1109	0	0
Value 496	1110	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 497	1111	0	0
Value 498	1112	0	0
Value 499	1113	0	0
Value 5	3912	0	0
Value 5	401	0	0
Value 5	3912	0	0
Value 5	3912	0	0
Value 5	3912	0	0
Value 50	520	0	0
Value 500	1114	0	0
Value 501	1115	0	0
Value 502	1116	0	0
Value 503	1117	0	0
Value 504	1118	0	0
Value 505	1119	0	0
Value 506	1120	0	0
Value 507	1121	0	0
Value 508	1122	0	0
Value 509	1123	0	0
Value 51	521	0	0
Value 510	1124	0	0
Value 511	1125	0	0
Value 512	1126	0	0
Value 513	1127	0	0
Value 514	1128	0	0
Value 515	1129	0	0
Value 516	1130	0	0
Value 517	1131	0	0
Value 518	1132	0	0
Value 519	1133	0	0
Value 52	522	0	0
Value 520	1134	0	0
Value 521	1135	0	0
Value 522	1136	0	0
Value 523	1137	0	0
Value 524	1138	0	0
Value 525	1139	0	0
Value 526	1140	0	0
Value 527	1141	0	0
Value 528	1142	0	0
Value 529	1143	0	0
Value 53	523	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 530	1144	0	0
Value 531	1145	0	0
Value 532	1146	0	0
Value 533	1147	0	0
Value 534	1148	0	0
Value 535	1149	0	0
Value 536	1150	0	0
Value 537	1151	0	0
Value 538	1152	0	0
Value 539	1153	0	0
Value 54	524	0	0
Value 540	1154	0	0
Value 541	1155	0	0
Value 542	1156	0	0
Value 543	1157	0	0
Value 544	1158	0	0
Value 545	1159	0	0
Value 546	1160	0	0
Value 547	1161	0	0
Value 548	1162	0	0
Value 549	1163	0	0
Value 55	525	0	0
Value 550	1164	0	0
Value 551	1165	0	0
Value 552	1166	0	0
Value 553	1167	0	0
Value 554	1168	0	0
Value 555	1169	0	0
Value 556	1170	0	0
Value 557	1171	0	0
Value 558	1172	0	0
Value 559	1173	0	0
Value 56	526	0	0
Value 560	1174	0	0
Value 561	1175	0	0
Value 562	1176	0	0
Value 563	1177	0	0
Value 564	1178	0	0
Value 565	1179	0	0
Value 566	1180	0	0
Value 567	1181	0	0
Value 568	1182	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 569	1183	0	0
Value 57	527	0	0
Value 570	1184	0	0
Value 571	1185	0	0
Value 572	1186	0	0
Value 573	1187	0	0
Value 574	1188	0	0
Value 575	1189	0	0
Value 576	1190	0	0
Value 577	1191	0	0
Value 578	1192	0	0
Value 579	1193	0	0
Value 58	528	0	0
Value 580	1194	0	0
Value 581	1195	0	0
Value 582	1196	0	0
Value 583	1197	0	0
Value 584	1198	0	0
Value 585	1199	0	0
Value 586	1200	0	0
Value 587	1201	0	0
Value 588	1202	0	0
Value 589	1203	0	0
Value 59	529	0	0
Value 590	1204	0	0
Value 591	1205	0	0
Value 592	1206	0	0
Value 593	1207	0	0
Value 594	1208	0	0
Value 595	1209	0	0
Value 596	1210	0	0
Value 597	1211	0	0
Value 598	1212	0	0
Value 599	1213	0	0
Value 6	3913	0	0
Value 6	3913	0	0
Value 6	3913	0	0
Value 6	402	0	0
Value 6	3913	0	0
Value 60	530	0	0
Value 600	1214	0	0
Value 601	1215	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 602	1216	0	0
Value 603	1217	0	0
Value 604	1218	0	0
Value 605	1219	0	0
Value 606	1220	0	0
Value 607	1221	0	0
Value 608	1222	0	0
Value 609	1223	0	0
Value 61	531	0	0
Value 610	1224	0	0
Value 611	1225	0	0
Value 612	1226	0	0
Value 613	1227	0	0
Value 614	1228	0	0
Value 615	1229	0	0
Value 616	1230	0	0
Value 617	1231	0	0
Value 618	1232	0	0
Value 619	1233	0	0
Value 62	532	0	0
Value 620	1234	0	0
Value 621	1235	0	0
Value 622	1236	0	0
Value 623	1237	0	0
Value 624	1238	0	0
Value 625	1239	0	0
Value 626	1240	0	0
Value 627	1241	0	0
Value 628	1242	0	0
Value 629	1243	0	0
Value 63	533	0	0
Value 630	1244	0	0
Value 631	1245	0	0
Value 632	1246	0	0
Value 633	1247	0	0
Value 634	1248	0	0
Value 635	1249	0	0
Value 636	1250	0	0
Value 637	1251	0	0
Value 638	1252	0	0
Value 639	1253	0	0
Value 64	534	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 640	1254	0	0
Value 641	1255	0	0
Value 642	1256	0	0
Value 643	1257	0	0
Value 644	1258	0	0
Value 645	1259	0	0
Value 646	1260	0	0
Value 647	1261	0	0
Value 648	1262	0	0
Value 649	1263	0	0
Value 65	535	0	0
Value 650	1264	0	0
Value 651	1472	0	0
Value 652	1473	0	0
Value 653	1474	0	0
Value 654	1475	0	0
Value 655	1476	0	0
Value 656	1477	0	0
Value 657	1478	0	0
Value 658	1479	0	0
Value 659	1480	0	0
Value 66	536	0	0
Value 660	1481	0	0
Value 661	1482	0	0
Value 662	1483	0	0
Value 663	1484	0	0
Value 664	1485	0	0
Value 665	1486	0	0
Value 666	1487	0	0
Value 667	1488	0	0
Value 668	1489	0	0
Value 669	1490	0	0
Value 67	537	0	0
Value 670	1491	0	0
Value 671	1492	0	0
Value 672	1493	0	0
Value 673	1494	0	0
Value 674	1495	0	0
Value 675	1496	0	0
Value 676	1497	0	0
Value 677	1498	0	0
Value 678	1499	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 679	1500	0	0
Value 68	538	0	0
Value 680	1501	0	0
Value 681	1502	0	0
Value 682	1503	0	0
Value 683	1504	0	0
Value 684	1505	0	0
Value 685	1506	0	0
Value 686	1507	0	0
Value 687	1508	0	0
Value 688	1509	0	0
Value 689	1510	0	0
Value 69	539	0	0
Value 690	1511	0	0
Value 691	1512	0	0
Value 692	1513	0	0
Value 693	1514	0	0
Value 694	1515	0	0
Value 695	1516	0	0
Value 696	1517	0	0
Value 697	1518	0	0
Value 698	1519	0	0
Value 699	1520	0	0
Value 7	3914	0	0
Value 7	3914	0	0
Value 7	3914	0	0
Value 7	403	0	0
Value 7	3914	0	0
Value 70	540	0	0
Value 700	1521	0	0
Value 701	1522	0	0
Value 702	1523	0	0
Value 703	1524	0	0
Value 704	1525	0	0
Value 705	1526	0	0
Value 706	1527	0	0
Value 707	1528	0	0
Value 708	1529	0	0
Value 709	1530	0	0
Value 71	678	0	0
Value 710	1531	0	0
Value 711	1532	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 712	1533	0	0
Value 713	1534	0	0
Value 714	1535	0	0
Value 715	1536	0	0
Value 716	1537	0	0
Value 717	1538	0	0
Value 718	1539	0	0
Value 719	1540	0	0
Value 72	679	0	0
Value 720	1541	0	0
Value 721	1542	0	0
Value 722	1543	0	0
Value 723	1544	0	0
Value 724	1545	0	0
Value 725	1546	0	0
Value 726	1547	0	0
Value 727	1548	0	0
Value 728	1549	0	0
Value 729	1550	0	0
Value 73	680	0	0
Value 730	1551	0	0
Value 731	1552	0	0
Value 732	1553	0	0
Value 733	1554	0	0
Value 734	1555	0	0
Value 735	1556	0	0
Value 736	1557	0	0
Value 737	1558	0	0
Value 738	1559	0	0
Value 739	1560	0	0
Value 74	681	0	0
Value 740	1561	0	0
Value 741	1562	0	0
Value 742	1563	0	0
Value 743	1564	0	0
Value 744	1565	0	0
Value 745	1566	0	0
Value 746	1567	0	0
Value 747	1568	0	0
Value 748	1569	0	0
Value 749	1570	0	0
Value 75	682	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 750	1571	0	0
Value 751	1572	0	0
Value 752	1573	0	0
Value 753	1574	0	0
Value 754	1575	0	0
Value 755	1576	0	0
Value 756	1577	0	0
Value 757	1578	0	0
Value 758	1579	0	0
Value 759	1580	0	0
Value 76	683	0	0
Value 760	1581	0	0
Value 761	1582	0	0
Value 762	1583	0	0
Value 763	1584	0	0
Value 764	1585	0	0
Value 765	1586	0	0
Value 766	1587	0	0
Value 767	1588	0	0
Value 768	1589	0	0
Value 769	1590	0	0
Value 77	684	0	0
Value 770	1591	0	0
Value 771	1592	0	0
Value 772	1593	0	0
Value 773	1594	0	0
Value 774	1595	0	0
Value 775	1596	0	0
Value 776	1597	0	0
Value 777	1598	0	0
Value 778	1599	0	0
Value 779	1600	0	0
Value 78	685	0	0
Value 780	1601	0	0
Value 781	1602	0	0
Value 782	1603	0	0
Value 783	1604	0	0
Value 784	1605	0	0
Value 785	1606	0	0
Value 786	1607	0	0
Value 787	1608	0	0
Value 788	1609	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 789	1610	0	0
Value 79	686	0	0
Value 790	1611	0	0
Value 791	1612	0	0
Value 792	1613	0	0
Value 793	1614	0	0
Value 794	1615	0	0
Value 795	1616	0	0
Value 796	1617	0	0
Value 797	1618	0	0
Value 798	1619	0	0
Value 799	1620	0	0
Value 8	3915	0	0
Value 8	3915	0	0
Value 8	3915	0	0
Value 8	404	0	0
Value 8	3915	0	0
Value 80	687	0	0
Value 800	1621	0	0
Value 801	1622	0	0
Value 802	1623	0	0
Value 803	1624	0	0
Value 804	1625	0	0
Value 805	1626	0	0
Value 806	1627	0	0
Value 807	1628	0	0
Value 808	1629	0	0
Value 809	1630	0	0
Value 81	688	0	0
Value 810	1631	0	0
Value 811	1632	0	0
Value 812	1633	0	0
Value 813	1634	0	0
Value 814	1635	0	0
Value 815	1636	0	0
Value 816	1637	0	0
Value 817	1638	0	0
Value 818	1639	0	0
Value 819	1640	0	0
Value 82	689	0	0
Value 820	1641	0	0
Value 821	1642	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 822	1643	0	0
Value 823	1644	0	0
Value 824	1645	0	0
Value 825	1646	0	0
Value 826	1647	0	0
Value 827	1648	0	0
Value 828	1649	0	0
Value 829	1650	0	0
Value 83	690	0	0
Value 830	1651	0	0
Value 831	1652	0	0
Value 832	1653	0	0
Value 833	1654	0	0
Value 834	1655	0	0
Value 835	1656	0	0
Value 836	1657	0	0
Value 837	1658	0	0
Value 838	1659	0	0
Value 839	1660	0	0
Value 84	691	0	0
Value 840	1661	0	0
Value 841	1662	0	0
Value 842	1663	0	0
Value 843	1664	0	0
Value 844	1665	0	0
Value 845	1666	0	0
Value 846	1667	0	0
Value 847	1668	0	0
Value 848	1669	0	0
Value 849	1670	0	0
Value 85	692	0	0
Value 850	1671	0	0
Value 851	1672	0	0
Value 852	1673	0	0
Value 853	1674	0	0
Value 854	1675	0	0
Value 855	1676	0	0
Value 856	1677	0	0
Value 857	1678	0	0
Value 858	1679	0	0
Value 859	1680	0	0
Value 86	693	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 860	1681	0	0
Value 861	1682	0	0
Value 862	1683	0	0
Value 863	1684	0	0
Value 864	1685	0	0
Value 865	1686	0	0
Value 866	1687	0	0
Value 867	1688	0	0
Value 868	1689	0	0
Value 869	1690	0	0
Value 87	694	0	0
Value 870	1691	0	0
Value 871	1692	0	0
Value 872	1693	0	0
Value 873	1694	0	0
Value 874	1695	0	0
Value 875	1696	0	0
Value 876	1697	0	0
Value 877	1698	0	0
Value 878	1699	0	0
Value 879	1700	0	0
Value 88	695	0	0
Value 880	1701	0	0
Value 881	1702	0	0
Value 882	1703	0	0
Value 883	1704	0	0
Value 884	1705	0	0
Value 885	1706	0	0
Value 886	1707	0	0
Value 887	1708	0	0
Value 888	1709	0	0
Value 889	1710	0	0
Value 89	696	0	0
Value 890	1711	0	0
Value 891	1712	0	0
Value 892	1713	0	0
Value 893	1714	0	0
Value 894	1715	0	0
Value 895	1716	0	0
Value 896	1717	0	0
Value 897	1718	0	0
Value 898	1719	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 899	1720	0	0
Value 9	3916	0	0
Value 9	3916	0	0
Value 9	3916	0	0
Value 9	405	0	0
Value 9	3916	0	0
Value 90	697	0	0
Value 900	1721	0	0
Value 901	1722	0	0
Value 902	1723	0	0
Value 903	1724	0	0
Value 904	1725	0	0
Value 905	1726	0	0
Value 906	1727	0	0
Value 907	1728	0	0
Value 908	1729	0	0
Value 909	1730	0	0
Value 91	698	0	0
Value 910	1731	0	0
Value 911	1732	0	0
Value 912	1733	0	0
Value 913	1734	0	0
Value 914	1735	0	0
Value 915	1736	0	0
Value 916	1737	0	0
Value 917	1738	0	0
Value 918	1739	0	0
Value 919	1740	0	0
Value 92	699	0	0
Value 920	1741	0	0
Value 921	1742	0	0
Value 922	1743	0	0
Value 923	1744	0	0
Value 924	1745	0	0
Value 925	1746	0	0
Value 926	1747	0	0
Value 927	1748	0	0
Value 928	1749	0	0
Value 929	1750	0	0
Value 93	700	0	0
Value 930	1751	0	0
Value 931	1752	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 932	1753	0	0
Value 933	1754	0	0
Value 934	1755	0	0
Value 935	1756	0	0
Value 936	1757	0	0
Value 937	1758	0	0
Value 938	1759	0	0
Value 939	1760	0	0
Value 94	701	0	0
Value 940	1761	0	0
Value 941	1762	0	0
Value 942	1763	0	0
Value 943	1764	0	0
Value 944	1765	0	0
Value 945	1766	0	0
Value 946	1767	0	0
Value 947	1768	0	0
Value 948	1769	0	0
Value 949	1770	0	0
Value 95	702	0	0
Value 950	1771	0	0
Value 951	1772	0	0
Value 952	1773	0	0
Value 953	1774	0	0
Value 954	1775	0	0
Value 955	1776	0	0
Value 956	1777	0	0
Value 957	1778	0	0
Value 958	1779	0	0
Value 959	1780	0	0
Value 96	703	0	0
Value 960	1781	0	0
Value 961	1782	0	0
Value 962	1783	0	0
Value 963	1784	0	0
Value 964	1785	0	0
Value 965	1786	0	0
Value 966	1787	0	0
Value 967	1788	0	0
Value 968	1789	0	0
Value 969	1790	0	0
Value 97	704	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Value 970	1791	0	0
Value 971	1792	0	0
Value 972	1793	0	0
Value 973	1794	0	0
Value 974	1795	0	0
Value 975	1796	0	0
Value 976	1797	0	0
Value 977	1798	0	0
Value 978	1799	0	0
Value 979	1800	0	0
Value 98	705	0	0
Value 980	1801	0	0
Value 981	1802	0	0
Value 982	1803	0	0
Value 983	1804	0	0
Value 984	1805	0	0
Value 985	1806	0	0
Value 986	1807	0	0
Value 987	1808	0	0
Value 988	1809	0	0
Value 989	1810	0	0
Value 99	706	0	0
Value 990	1811	0	0
Value 991	1812	0	0
Value 992	1813	0	0
Value 993	1814	0	0
Value 994	1815	0	0
Value 995	1816	0	0
Value 996	1817	0	0
Value 997	1818	0	0
Value 998	1819	0	0
Value 999	1820	0	0
VarChar (n)	90	0	0
Very high	168	0	0
Very high	168	0	0
Very high	1343	0	0
Very high	168	0	0
Very high	1343	0	0
Very high	1343	0	0
Very low	173	0	0
Very low	173	0	0
Very low	1339	0	0

Table 13–701 (Cont.) Attribute Type Content

Attribute Type Content	Enum. Value	Conversion Factor to Basic Unit	Basic Type (see Enum. Value)
Very low	173	0	0
Very low	1339	0	0
Very low	1339	0	0
Very poor	550	0	0
Voice	5539	0	0
volatile	555	0	0
Voluntary	313	0	0
Waiting	234	0	0
WAN	109	0	0
Waste (waste management compulsory)	145	0	0
Waste disposable	144	0	0
Web service	5606	0	0
Week(s)	175	0	0
Week(s)	175	0	0
Weekly	378	0	0
Will abort	231	0	0
Will be suspended	233	0	0
Will no longer be achieved	217	0	0
Work days	429	0	0
Work hours	428	0	0
Work list	427	0	0
Work months	431	0	0
Work weeks	430	0	0
Workflow administrator	247	0	0
Workstation	66	0	0
XOR	17	0	0
XOR (data-based)	1354	0	0
XOR (event-based)	1355	0	0
XOR/AND	22	0	0
XOR/OR	21	0	0
Yearly	380	0	0
YEN	36	0	0
YEN	36	0	0
YEN	36	0	0
Yes	5541	0	0
ZAR	456	0	0
ZAR	456	0	0
ZAR	456	0	0

