



PeopleSoft EnterpriseOne Application Realtime Events 8.11 PeopleBook

November 2004

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Contents

General Preface

About This PeopleBook Preface	vii
PeopleSoft Application Prerequisites.....	vii
PeopleSoft Application Fundamentals.....	vii
Documentation Updates and Printed Documentation.....	viii
Obtaining Documentation Updates.....	viii
Ordering Printed Documentation.....	viii
Additional Resources.....	ix
Typographical Conventions and Visual Cues.....	x
Typographical Conventions.....	x
Visual Cues.....	xi
Country, Region, and Industry Identifiers.....	xi
Currency Codes.....	xii
Comments and Suggestions.....	xii
Common Elements Used in PeopleBooks	xii

Preface

PeopleSoft EnterpriseOne Application Realtime Events Preface.....	xv
PeopleSoft Products.....	xv
PeopleSoft Application Fundamentals.....	xv

Chapter 1

Getting Started with PeopleSoft EnterpriseOne Application Realtime Events.....	1
PeopleSoft EnterpriseOne Application Realtime Events Overview.....	1
PeopleSoft EnterpriseOne Application Realtime Events Implementation.....	2
Implementation Steps.....	2

Chapter 2

Working with Application Realtime Events.....	5
Address Book.....	5
RTABOUT.....	5
RTABHDR.....	6
RTABPHOUT.....	8

RTABEAOUT.....	9
RTPCOUT.....	10
RTSHPOUT.....	11
RTSHPHDR.....	12
RTSHPPHOUT.....	16
RTSHPEAOUT.....	17
Business Unit.....	18
RTBUOUT.....	18
Company.....	28
RTCOOUT.....	28
Customer.....	32
RTCMOUT.....	32
RTCMHDR.....	32
RTCMPHOUT.....	35
RTCMEAOUT.....	36
RTCMCCOUT.....	37
Direct Connect.....	40
Prerequisite.....	40
RTEMPTYCRT.....	40
XAPIAUTHEN.....	41
XAPIGETCRT.....	43
XAPIGETURL.....	44
XAPIREQCRT.....	45
Employee.....	46
RTEMOUTB.....	46
RTEMOUTC.....	52
RTEMOUTD.....	53
RTPIOUTB.....	55
RTPIOUTC.....	56
Equipment.....	57
RTEQPHDR.....	57
Financials.....	65
RTAMOUT.....	65
RTCROUT.....	69
RTRAOUT.....	71
RTRAHDR.....	73
RTRADTL.....	74
RTDAOUT.....	75
RTDADTL.....	76
Human Resources.....	78

RTSLHDR.....	78
RTSLDTL.....	79
RTRCHDR.....	80
RTCPOUTB.....	81
RTJBOUTB.....	83
RTJDOUTB.....	87
RTJBUOUTB.....	88
Inventory.....	90
RTIMOUT.....	90
RTIBOUT.....	97
RTCOSTOUT.....	100
RTCOSTOUTA.....	100
RTUOMOUT.....	102
RTUOMDTL.....	102
Manufacturing.....	104
RTWOOUT.....	104
RTWOHDR.....	106
OPBOMROUT.....	109
Procurement.....	113
RTPOOUT.....	113
RTPOHDR.....	114
RTPODTL.....	119
RTPODIST.....	126
RTRECOUT.....	130
RTPOHLDOUT.....	136
Sales.....	137
RTINVOUT.....	137
RTSOOUT.....	143
RTSOHDR.....	144
RTSODTL.....	148
RTLPOUT.....	155
RTSHPNOUT.....	156
XAPIOPOUT.....	169
XAPIOPIN.....	176
Supplier.....	180
RTSMOUT.....	180
RTSMPHOUT.....	182
RTSMEAOUT.....	183
User Profile.....	185
RTUPOUTB.....	185

Work Order.....189

 RTEQORDHDR.....189

 RTPRHDR.....199

 RTLBRHDR.....206

Glossary of PeopleSoft Terms.....215

Index 225

About This PeopleBook Preface

PeopleBooks provide you with the information that you need to implement and use PeopleSoft applications.

This preface discusses:

- PeopleSoft application prerequisites.
- PeopleSoft application fundamentals.
- Documentation updates and printed documentation.
- Additional resources.
- Typographical conventions and visual cues.
- Comments and suggestions.
- Common elements in PeopleBooks.

Note. PeopleBooks document only page elements, such as fields and check boxes, that require additional explanation. If a page element is not documented with the process or task in which it is used, then either it requires no additional explanation or it is documented with common elements for the section, chapter, PeopleBook, or product line. Elements that are common to all PeopleSoft applications are defined in this preface.

PeopleSoft Application Prerequisites

To benefit fully from the information that is covered in these books, you should have a basic understanding of how to use PeopleSoft applications.

You might also want to complete at least one PeopleSoft introductory training course, if applicable.

You should be familiar with navigating the system and adding, updating, and deleting information by using PeopleSoft menus, and pages, forms, or windows. You should also be comfortable using the World Wide Web and the Microsoft Windows or Windows NT graphical user interface.

These books do not review navigation and other basics. They present the information that you need to use the system and implement your PeopleSoft applications most effectively.

PeopleSoft Application Fundamentals

Each application PeopleBook provides implementation and processing information for your PeopleSoft applications. For some applications, additional, essential information describing the setup and design of your system appears in a companion volume of documentation called the application fundamentals PeopleBook. Most PeopleSoft product lines have a version of the application fundamentals PeopleBook. The preface of each PeopleBook identifies the application fundamentals PeopleBooks that are associated with that PeopleBook.

The application fundamentals PeopleBook consists of important topics that apply to many or all PeopleSoft applications across one or more product lines. Whether you are implementing a single application, some combination of applications within the product line, or the entire product line, you should be familiar with the contents of the appropriate application fundamentals PeopleBooks. They provide the starting points for fundamental implementation tasks.

Documentation Updates and Printed Documentation

This section discusses how to:

- Obtain documentation updates.
- Order printed documentation.

Obtaining Documentation Updates

You can find updates and additional documentation for this release, as well as previous releases, on the PeopleSoft Customer Connection website. Through the Documentation section of PeopleSoft Customer Connection, you can download files to add to your PeopleBook Library. You'll find a variety of useful and timely materials, including updates to the full PeopleSoft documentation that is delivered on your PeopleBooks CD-ROM.

Important! Before you upgrade, you must check PeopleSoft Customer Connection for updates to the upgrade instructions. PeopleSoft continually posts updates as the upgrade process is refined.

See Also

PeopleSoft Customer Connection, <https://www.peoplesoft.com/corp/en/login.jsp>

Ordering Printed Documentation

You can order printed, bound volumes of the complete PeopleSoft documentation that is delivered on your PeopleBooks CD-ROM. PeopleSoft makes printed documentation available for each major release shortly after the software is shipped. Customers and partners can order printed PeopleSoft documentation by using any of these methods:

- Web
- Telephone
- Email

Web

From the Documentation section of the PeopleSoft Customer Connection website, access the PeopleBooks Press website under the Ordering PeopleBooks topic. The PeopleBooks Press website is a joint venture between PeopleSoft and MMA Partners, the book print vendor. Use a credit card, money order, cashier's check, or purchase order to place your order.

Telephone

Contact MMA Partners at 877 588 2525.

Email

Send email to MMA Partners at peoplesoftpress@mmapartner.com.

See Also

PeopleSoft Customer Connection, <https://www.peoplesoft.com/corp/en/login.jsp>

Additional Resources

The following resources are located on the PeopleSoft Customer Connection website:

Resource	Navigation
Application maintenance information	Updates + Fixes
Business process diagrams	Support, Documentation, Business Process Maps
Interactive Services Repository	Interactive Services Repository
Hardware and software requirements	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation & Software, Hardware and Software Requirements
Installation guides	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation & Software, Installation Guides and Notes
Integration information	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation and Software, Pre-built Integrations for PeopleSoft Enterprise and PeopleSoft EnterpriseOne Applications
Minimum technical requirements (MTRs) (EnterpriseOne only)	Implement, Optimize + Upgrade, Implementation Guide, Supported Platforms
PeopleBook documentation updates	Support, Documentation, Documentation Updates
PeopleSoft support policy	Support, Support Policy
Prerelease notes	Support, Documentation, Documentation Updates, Category, Prerelease Notes
Product release roadmap	Support, Roadmaps + Schedules
Release notes	Support, Documentation, Documentation Updates, Category, Release Notes
Release value proposition	Support, Documentation, Documentation Updates, Category, Release Value Proposition
Statement of direction	Support, Documentation, Documentation Updates, Category, Statement of Direction

Resource	Navigation
Troubleshooting information	Support, Troubleshooting
Upgrade documentation	Support, Documentation, Upgrade Documentation and Scripts

Typographical Conventions and Visual Cues

This section discusses:

- Typographical conventions.
- Visual cues.
- Country, region, and industry identifiers.
- Currency codes.

Typographical Conventions

This table contains the typographical conventions that are used in PeopleBooks:

Typographical Convention or Visual Cue	Description
Bold	Indicates PeopleCode function names, business function names, event names, system function names, method names, language constructs, and PeopleCode reserved words that must be included literally in the function call.
<i>Italics</i>	Indicates field values, emphasis, and PeopleSoft or other book-length publication titles. In PeopleCode syntax, italic items are placeholders for arguments that your program must supply. We also use italics when we refer to words as words or letters as letters, as in the following: Enter the letter <i>O</i> .
KEY+KEY	Indicates a key combination action. For example, a plus sign (+) between keys means that you must hold down the first key while you press the second key. For ALT+W, hold down the ALT key while you press the W key.
Monospace font	Indicates a PeopleCode program or other code example.
“ ” (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meanings.

Typographical Convention or Visual Cue	Description
. . . (ellipses)	Indicate that the preceding item or series can be repeated any number of times in PeopleCode syntax.
{ } (curly braces)	Indicate a choice between two options in PeopleCode syntax. Options are separated by a pipe ().
[] (square brackets)	Indicate optional items in PeopleCode syntax.
& (ampersand)	When placed before a parameter in PeopleCode syntax, an ampersand indicates that the parameter is an already instantiated object. Ampersands also precede all PeopleCode variables.

Visual Cues

PeopleBooks contain the following visual cues.

Notes

Notes indicate information that you should pay particular attention to as you work with the PeopleSoft system.

Note. Example of a note.

If the note is preceded by *Important!*, the note is crucial and includes information that concerns what you must do for the system to function properly.

Important! Example of an important note.

Warnings

Warnings indicate crucial configuration considerations. Pay close attention to warning messages.

Warning! Example of a warning.

Cross-References

PeopleBooks provide cross-references either under the heading “See Also” or on a separate line preceded by the word *See*. Cross-references lead to other documentation that is pertinent to the immediately preceding documentation.

Country, Region, and Industry Identifiers

Information that applies only to a specific country, region, or industry is preceded by a standard identifier in parentheses. This identifier typically appears at the beginning of a section heading, but it may also appear at the beginning of a note or other text.

Example of a country-specific heading: “(FRA) Hiring an Employee”

Example of a region-specific heading: “(Latin America) Setting Up Depreciation”

Country Identifiers

Countries are identified with the International Organization for Standardization (ISO) country code.

Region Identifiers

Regions are identified by the region name. The following region identifiers may appear in PeopleBooks:

- Asia Pacific
- Europe
- Latin America
- North America

Industry Identifiers

Industries are identified by the industry name or by an abbreviation for that industry. The following industry identifiers may appear in PeopleBooks:

- USF (U.S. Federal)
- E&G (Education and Government)

Currency Codes

Monetary amounts are identified by the ISO currency code.

Comments and Suggestions

Your comments are important to us. We encourage you to tell us what you like, or what you would like to see changed about PeopleBooks and other PeopleSoft reference and training materials. Please send your suggestions to:

PeopleSoft Product Documentation Manager PeopleSoft, Inc. 4460 Hacienda Drive Pleasanton, CA 94588

Or send email comments to doc@peoplesoft.com.

While we cannot guarantee to answer every email message, we will pay careful attention to your comments and suggestions.

Common Elements Used in PeopleBooks

Address Book Number

Enter a unique number that identifies the master record for the entity. An address book number can be the identifier for a customer, supplier, company, employee, applicant, participant, tenant, location, and so on. Depending on the application, the field on the form might refer to the address book number as the customer number, supplier number, or company number, employee or applicant id, participant number, and so on.

As If Currency Code	Enter the three-character code to specify the currency that you want to use to view transaction amounts. This code allows you to view the transaction amounts as if they were entered in the specified currency rather than the foreign or domestic currency that was used when the transaction was originally entered.
Batch Number	Displays a number that identifies a group of transactions to be processed by the system. On entry forms, you can assign the batch number or the system can assign it through the Next Numbers program (P0002).
Batch Date	Enter the date in which a batch is created. If you leave this field blank, the system supplies the system date as the batch date.
Batch Status	Displays a code from user-defined code (UDC) table 98/IC that indicates the posting status of a batch. Values are: <i>Blank:</i> Batch is unposted and pending approval. <i>A:</i> The batch is approved for posting, has no errors and is in balance, but it has not yet been posted. <i>D:</i> The batch posted successfully. <i>E:</i> The batch is in error. You must correct the batch before it can post. <i>P:</i> The system is in the process of posting the batch. The batch is unavailable until the posting process is complete. If errors occur during the post, the batch status changes to E. <i>U:</i> The batch is temporarily unavailable because someone is working with it, or the batch appears to be in use because a power failure occurred while the batch was open.
Branch/Plant	Enter a code that identifies a separate entity as a warehouse location, job, project, work center, branch, or plant in which distribution and manufacturing activities occur. In some systems, this is called a business unit.
Business Unit	Enter the alphanumeric code that identifies a separate entity within a business for which you want to track costs. In some systems, this is called a branch/plant.
Category Code	Enter the code that represents a specific category code. Category codes are user-defined codes that you customize to handle the tracking and reporting requirements of your organization.
Company	Enter a code that identifies a specific organization, fund, or other reporting entity. The company code must already exist in the F0010 table and must identify a reporting entity that has a complete balance sheet.
Currency Code	Enter the three-character code that represents the currency of the transaction. PeopleSoft EnterpriseOne provides currency codes that are recognized by the International Organization for Standardization (ISO). The system stores currency codes in the F0013 table.
Document Company	Enter the company number associated with the document. This number, used in conjunction with the document number, document type, and general ledger date, uniquely identifies an original document. If you assign next numbers by company and fiscal year, the system uses the document company to retrieve the correct next number for that company.

If two or more original documents have the same document number and document type, you can use the document company to display the document that you want.

Document Number

Displays a number that identifies the original document, which can be a voucher, invoice, journal entry, or time sheet, and so on. On entry forms, you can assign the original document number or the system can assign it through the Next Numbers program.

Document Type

Enter the two-character UDC, from UDC table 00/DT, that identifies the origin and purpose of the transaction, such as a voucher, invoice, journal entry, or time sheet. PeopleSoft EnterpriseOne reserves these prefixes for the document types indicated:

P: Accounts payable documents.

R: Accounts receivable documents.

T: Time and pay documents.

I: Inventory documents.

O: Purchase order documents.

S: Sales order documents.

Effective Date

Enter the date on which an address, item, transaction, or record becomes active. The meaning of this field differs, depending on the program. For example, the effective date can represent any of these dates:

- The date on which a change of address becomes effective.
- The date on which a lease becomes effective.
- The date on which a price becomes effective.
- The date on which the currency exchange rate becomes effective.
- The date on which a tax rate becomes effective.

Fiscal Period and Fiscal Year

Enter a number that identifies the general ledger period and year. For many programs, you can leave these fields blank to use the current fiscal period and year defined in the Company Names & Number program (P0010).

G/L Date (general ledger date)

Enter the date that identifies the financial period to which a transaction will be posted. The system compares the date that you enter on the transaction to the fiscal date pattern assigned to the company to retrieve the appropriate fiscal period number and year, as well as to perform date validations.

PeopleSoft EnterpriseOne Application Realtime Events Preface

This preface discusses:

- PeopleSoft products
- PeopleSoft application fundamentals

PeopleSoft Products

This PeopleBook refers to these PeopleSoft products:

- PeopleSoft EnterpriseOne Accounts Payable
- PeopleSoft EnterpriseOne Accounts Receivable
- PeopleSoft EnterpriseOne Address Book
- PeopleSoft EnterpriseOne Service Management
- PeopleSoft EnterpriseOne General Accounting
- PeopleSoft EnterpriseOne Human Resources
- PeopleSoft EnterpriseOne Inventory Management
- PeopleSoft EnterpriseOne Procurement and Subcontractor Management
- PeopleSoft EnterpriseOne Requisition Self Service
- PeopleSoft EnterpriseOne Shop Floor Control
- PeopleSoft EnterpriseOne Sales Order Management

PeopleSoft Application Fundamentals

Additional, essential information describing the setup and design of the system appears in companion volumes of documentation called *PeopleSoft EnterpriseOne FMS 8.11 Application Fundamentals*, *PeopleSoft EnterpriseOne HCM 8.11 Application Fundamentals*, and *PeopleSoft EnterpriseOne CRM 8.11 Fundamentals*.

See Also

PeopleSoft EnterpriseOne Financial Management Solutions Application Fundamentals 8.11 PeopleBook,
“PeopleSoft EnterpriseOne Financial Fundamentals Solutions Preface”

PeopleSoft EnterpriseOne Human Capital Management Application Fundamentals 8.11 PeopleBook,
“PeopleSoft EnterpriseOne HCM Fundamentals Preface”

PeopleSoft EnterpriseOne Customer Relationship Management Application Fundamentals 8.11 PeopleBook,
“PeopleSoft EnterpriseOne CRM Application Fundamentals Preface”

CHAPTER 1

Getting Started with PeopleSoft EnterpriseOne Application Realtime Events

This chapter discusses:

- PeopleSoft EnterpriseOne Application Realtime Events overview.
- PeopleSoft EnterpriseOne Application Realtime Events implementation.

PeopleSoft EnterpriseOne Application Realtime Events Overview

A realtime event (RTE) is notification to a third-party system that a business transaction has occurred in the PeopleSoft EnterpriseOne system. Third-party systems subscribe to the PeopleSoft EnterpriseOne system to receive notification when a specific transaction occurs. You can use any PeopleSoft EnterpriseOne interface, such as HTML, WIN32, and terminal servers to generate realtime events. Realtime events can be used for both synchronous and asynchronous processing.

A XAPI event is similar to a realtime event in that an outbound notification is sent to subscribers when a specified transaction occurs in the PeopleSoft EnterpriseOne system. The difference between a realtime event and a XAPI event is that the subscriber to a XAPI event returns a reply to the originator. XAPI events use the same infrastructure as realtime events. XAPI also provides a way for two different PeopleSoft EnterpriseOne systems to communicate with each other.

The purpose of this PeopleBook is to provide information about the PeopleSoft EnterpriseOne realtime and XAPI events.

Naming Conventions

Realtime events use the this naming standard:

RTXXYYY where XX is the product area, and YYY is the type (for example, OUT, HDR, DTL).

Transaction-Specific Instructions

The discussions of the realtime events in this PeopleBook include a table similar to this table. This table explains the data that is contained in these tables.

Event Name	The name of the event.
Event Description	A description of the event.
Event Type	<i>RTE</i> for realtime events; <i>XAPI</i> for XAPI events.
Event Category	Defined as single or container event.

Product Code	The system code.
Reliable Delivery	Values are: <i>1</i> or <i>Y</i> : Reliable <i>0</i> or <i>N</i> : Volatile
Timeout Threshold	This field applies only to reliable events for which an initial delivery attempt fails. The value determines the maximum amount of time that has to pass from the event creation to the time when the event will be discarded if not delivered successfully. Events with a threshold of zero never expire.
Data Structure	The PeopleSoft EnterpriseOne data structure that is used for the current single event.
Event Relationship	The relationship of the current single event to other realtime events.

Defining Events

Events are defined in the Interoperability Event Definition table (F90701). You use the Event Definition Workbench program (P90701A) to add new single and container events to the Interoperability Event Definition table and to review the existing events. You add single events by event name. When you add a single event, you must include the PeopleSoft EnterpriseOne data structure. A container event contains single events, aggregate events, or both.

Note. The realtime events that are described in this PeopleBook have already been set up in the data that is shipped with the software. You can use the Event Definition Workbench program to review these realtime events.

See Also

PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, “Using Events – Guaranteed,” Defining Events.

PeopleSoft EnterpriseOne Application Realtime Events Implementation

This section provides an overview of the steps that are required to use application realtime events.

In the planning phase of your implementation, take advantage of all PeopleSoft sources of information, including the installation guides and troubleshooting information. A complete list of these resources appears in the preface in the *About These PeopleBooks PeopleBook*, with information about where to find the most current version of each.

Implementation Steps

Implementing any application realtime events must be preceded by setting up the corresponding PeopleSoft EnterpriseOne system.

The Getting Started chapter in the PeopleBook for each of these systems contains specific implementation information for that system.

After you have set up the relevant PeopleSoft EnterpriseOne systems for the application realtime events you are using, you must complete a specific step to set up the application realtime events.

Step	Reference
1. Define and activate realtime events.	PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, “Using Events – Guaranteed,” Defining Events.

CHAPTER 2

Working with Application Realtime Events

This chapter discusses the realtime events for these areas:

- Address Book
- Business Unit
- Company
- Customer
- Direct Connect
- Employee
- Equipment
- Financials
- Human Resources
- Inventory
- Manufacturing
- Procurement
- Sales
- Supplier
- User Profile
- Work Order

See Also

PeopleSoft EnterpriseOne Tools 8.94 Interoperability PeopleBook: “Using Real-Time Events – Guaranteed”

PeopleSoft EnterpriseOne Tools 8.94 Interoperability PeopleBook: “Using XAPI Events – Guaranteed”

Address Book

This section discusses the realtime events generated by the Address Book system.

RTABOUT

RTABOUT is a container event generated by the PeopleSoft EnterpriseOne system to notify third-party systems about changes to the parent child record. RTABOUT is a container event for RTABHDR, RTABPHOUT, and RTABEABOUT.

Event Name	<i>RTABOUT</i>
Event Description	<i>AB</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for:
	RTABHDR (D0100085A) RTABPHOUT (D0100085B) RTABEAOUT (D0100085C)
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100085A</i>

Event Fields

The RTABOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Event action
AN8	mnAddressNumber	Numeric	8	Child number
PA8	mnAddressNumberParent	Numeric	8	Parent number
OSTP	szOrganizationTypeStructur[4]	String	3	Structure Type
ATTL	SzContactTitle	String	40	Professional Title

Conceptual Approach

A parent child record added, changed, or deleted in the PeopleSoft EnterpriseOne system creates a new, modifies, or deletes a record in the Parent Child table (F0150).

Objects that Can Initiate the Event

These objects can initiate the RTABOUT event:

- N0100041 - Address Book MBF
- P0111 - Revise Who's Who
- P0115 - Revise Phone Numbers
- P01151 - Contact Information

RTABHDR

RTABHDR is a single event that provides address book header information within the RTABOUT container event. RTABHDR is generated only when RTABOUT is generated.

Event Name	<i>RTABHDR</i>
Event Description	<i>RTABOUT Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100085A: Address Book Header</i>
Event Relationship	Included in container event RTABOUT

Event Fields

The RTABHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Type
AN8	mnAddressNumber	Numeric	8	Address Number
ALPH	szNameAlpha	String	40	Alpha Name
AT1	szSearchType	String	3	Search Type
MCU	szBusinessUnit	String	12	Business Unit
PA8	mnParentNumber	Numeric	8	Parent Number
MLNM	szMailingName	String	40	Mailing Name
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4
CTY1	szCity	String	25	City
COUN	szCountyAddress	String	25	County Address
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Zip Code
CTR	szCountry	String	3	Country

Data Item / Alias	Description	Data Type	Size	Element
EMAL	szEmail	String	256	Email
REM1	szRemark1	String	30	Remark
PHTP	szPhoneNumberTyp1	String	4	Phone Type 1
PH1	szPhoneNumber	String	20	Phone Number
PHTP	szPhoneNumberTyp2	String	4	Phone Type 2
PH1	szPhoneNumber1	String	20	Phone Number 1
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type
ATTL	SzContactTitle	String	40	Professional Title

Conceptual Approach

An address book record added, modified, or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Address Book tables (Address Book Master, F0101; Address Book - Who's Who, F0111; Contact Information, F01111; Address Book - Contact Phone Numbers F0115; Electronic Address, F01151; Address by Date, F0116).

Objects that Can Initiate the Event

These objects can initiate the RTABHDR event:

- N0100041 - Address Book MBF
- P0111 - Who's Who application
- P0115 - Phone application
- P01111 - Contact Information E-mail application
- B0100085 - Address Book Master Real-Time Event Notification Function
- B0100073 - Electronic Address - Phones
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTABPHOUT

RTABPHOUT is a single event that provides address book phone information within the RTABOUT container event. RTABPHOUT is generated only when RTABOUT is generated.

Event Name	<i>RTABPHOUT</i>
Event Description	<i>RTABOUT Phones</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>

Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100085B: Address Book Phones</i>
Event Relationship	Included in container event RTABOUT.

Event Fields

The RTABPHOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PHTP	szPhoneNumberType	String	4	Phone Number Type
PH1	szPhoneNumber	String	20	Phone Number
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID
CNLN	mnContactID	Numeric	5	Contact Line Number

Conceptual Approach

An address book phone record added, modified, or deleted in the PeopleSoft EnterpriseOne system creates, updates, or deletes a record in the Address Book - Contact Phone Numbers (F0115).

Objects that Can Initiate the Event

These objects can initiate the RTABPHOUT event:

- N0100041 - Address Book MBF
- P0115 - Phone application
- B0100085 - Address Book Master Real Time Event Notification Function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTABEAOUT

RTABEAOUT is a single event that provides address book email information within the RTABOUT container event. RTABEAOUT is generated only when RTABOUT is generated.

Event Name	<i>RTABEAOUT</i>
Event Description	<i>RTABOUT Email Address</i>
Event Type	<i>RTE</i>

Event Category	<i>Single</i>
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100085C: Address Book E-mail</i>
Event Relationship	Included in container event RTABOUT.

Event Fields

The RTABEABOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnAddressNumber	String	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
ETP	szElectronicAddressType	String	4	Electronic Address Type
EMAL	szEmailAddressow	String	256	Email Address
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID

Conceptual Approach

An address book email record added, modified, or deleted in the PeopleSoft EnterpriseOne system creates a new record in the Electronic Address (F01151) table.

Objects that Can Initiate the Event

These objects can initiate the RTABEABOUT event:

- N0100041 - Address Book MBF
- P01111 - Contact Information E-mail application
- B0100085 - Address Book Master Real-Time Event notification function
- B0100089 - Electronic Address MBF

RTPCOUT

RTPCOUT is a single event generated by the PeopleSoft EnterpriseOne system to provide parent/child information to third-party systems.

Event Name	<i>RTPCOUT</i>
Event Description	<i>Parent Child Master Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>

Product Code *01*
Reliable Delivery *1*
Timeout Threshold *0*
Data Structure *D0100079A*

Event Fields

The RTPCOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Event action
AN8	mnAddressNumber	Numeric	8	Child number
PA8	mnAddressNumberParent	Numeric	8	Parent number
OSTP	szOrganizationTypeStructur[4]	String	3	Structure Type

Conceptual Approach

A parent child record added, changed, or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Address Organization Structure Master table (F0150) (Parent/Child table).

Objects that Can Initiate the Event

A/B Org Structure Browse (P0150) calls the realtime event wrapper, Parent Child Structure Master Manage Notify (B0100079), to initiate the realtime event.

RTSHPOUT

RTSHPOUT is a container event generated by the PeopleSoft EnterpriseOne system to notify third-party systems about add or changes to the address book number of a branch plant record.

Event Name *RTSHPOUT*
Event Description *Ship To Address Notification*
Event Type *RTE*
Event Category *Container*
 Container event for:
 RTSHPHDR (D4102160A) RTSHPPHOUT (D4102160B) RTSHPEAOUT (D4102160C)
Product Code *H41*
Reliable Delivery *1*
Timeout Threshold *0*

Conceptual Approach

An address book number added changed in a Branch Plant Constant table (F41001) in the PeopleSoft EnterpriseOne system sends out ship to realtime events with address book (F0101), phones (F0115) and email (F01151) information. All phones and email are sent for the first contact only.

Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the RTSHPOUT event.

RTSHPHDR

RTSHPHDR is a single event that is generated by the PeopleSoft EnterpriseOne system to provide ship to header information for a given branch plant.

Event Name	<i>RTSHPHDR</i>
Event Description	<i>Ship To Address Notification Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4102160A: Ship To Header</i>
Event Relationship	Included in container event RTSHPOUT.

Event Fields

The RTSHPHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnAddressNumber	Numeric	8	Address Number
EFTB	jdDateBeginningEffective	Date	6	Effective Date
IDLN	mnLineNumberID	Numeric	5	Line Number ID
ALKY	szAlternateAddressKey	String	20	Alternate Address
TAX	szTaxId	String	20	Tax ID
ALPH	szNameAlpha	String	40	Alpha Name
DC	szDescripCompressed	String	40	Description Compressed
MCU	szCostCenter	String	12	Cost Center
SIC	zStandardIndustryCode	String	10	Std. Industry Code

Data Item / Alias	Description	Data Type	Size	Element
LNGP	szLanguagePreference	String	2	Language Preference
AT1	szAddressType1	String	1	Search Type
CM	szCreditMessage	String	2	Credit Message
TAXC	szPersonCorporationCode	String	1	Person/Corporation Code
AT2	cAddressType2	String	1	Address Type 2
AT3	cAddressType3	String	1	Address Type 3
AT4	cAddressType4	String	1	Address Type 4
AT5	cAddressType5	String	1	Address Type 5
ATP	cAddressTypePayables	String	1	Address Type Payables
ATR	AddressTypeReceivables	String	1	Address Type Receivables
ATPR	cAddTypeCode4Purch	String	1	Address Type - Code, Purchaser
AB3	cMiscCode3	String	1	Miscellaneous Code
ATE	cAddressTypeEmployee	String	1	Address Type - Employee
AN81	mnAddressNumber1st	Numeric	8	Address Number - 1st
AN82	mnAddressNumber2nd	Numeric	8	Address Number - 2nd
AN83	mnAddressNumber3rd	Numeric	8	Address Number - 3rd
AN84	mnAddressNumber4th	Numeric	8	Address Number - 4th
AN86	mnAddressNumber6th	Numeric	8	Address Number - 6th
AN85	mnAddressNumbert5h	Numeric	8	Address Number - 5th
AC01	szReportCodeAddBook001	String	3	Category Code 01
AC02	szReportCodeAddBook002	String	3	Category Code 02
AC03	szReportCodeAddBook003	String	3	Category Code 03
AC04	szReportCodeAddBook004	String	3	Category Code 04
AC05	szReportCodeAddBook005	String	3	Category Code 05
AC06	szReportCodeAddBook006	String	3	Category Code 06
AC07	szReportCodeAddBook007	String	3	Category Code 07

Data Item / Alias	Description	Data Type	Size	Element
AC08	szReportCodeAddBook008	String	3	Category Code 08
AC09	szReportCodeAddBook009	String	3	Category Code 09
AC10	szReportCodeAddBook010	String	3	Category Code 10
AC11	szReportCodeAddBook011	String	3	Category Code 11
AC12	szReportCodeAddBook012	String	3	Category Code 12
AC13	szReportCodeAddBook013	String	3	Category Code 13
AC14	szReportCodeAddBook014	String	3	Category Code 14
AC15	szReportCodeAddBook015	String	3	Category Code 15
AC16	szReportCodeAddBook016	String	3	Category Code 16
AC17	szReportCodeAddBook017	String	3	Category Code 17
AC18	szReportCodeAddBook018	String	3	Category Code 18
AC19	szReportCodeAddBook019	String	3	Category Code 19
AC20	szReportCodeAddBook020	String	3	Category Code 20
AC21	szReportCodeAddBook021	String	3	Category Code 21
AC22	szReportCodeAddBook022	String	3	Category Code 22
AC23	szReportCodeAddBook023	String	3	Category Code 23
AC24	szReportCodeAddBook024	String	3	Category Code 24
AC25	szReportCodeAddBook025	String	3	Category Code 25
AC26	szReportCodeAddBook026	String	3	Category Code 26
AC27	szReportCodeAddBook027	String	3	Category Code 27
AC28	szReportCodeAddBook028	String	3	Category Code 28
AC29	szReportCodeAddBook029	String	3	Category Code 29
AC30	szReportCodeAddBook030	String	3	Category Code 30
GLBA	szGIBankAccount	String	8	GL Bank Account
PTI	mnTimeScheduledIn	Numeric	6	Time Scheduled In
PDI	jdDateScheduledI	Date		Date Scheduled In

Data Item / Alias	Description	Data Type	Size	Element
MSGA	cActionMessageControl	String	1	Action Message Control
RMK	szNameRemark	String	30	Name Remark
TXCT	szCertificateTaxExempt	String	20	Certificate, Tax Exemption
TX2	szTaxId2	String	20	Tax ID - Additional - Individual
ALP1	szKanjialpha	String	40	Secondary Alpha Name
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date		User Reserved Date
URAT	mnUserReservedAmount	Number	15	User Reserved Amount
URAB	mnUserReservedNumber	Number	8	User Reserved Number
URRF	UserReservedReference	String	15	User Reserved Reference
PRGF	cPurgeFlag	String	1	Purge Flag
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4
CTY1	szCity	String	25	City
COUN	szCountyAddress	String	25	County
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Postal Code
CRTE	szCarrierRoute	String	4	Carrier Route
BKML	szBulkMailingCenter	String	2	Bulk Mailing Center (Future)
CTR	szCountry	String	3	Country
MLNM	szMailingName	String	40	Mailing Name
REM1	szRemark1	String	40	Remark 1
MLN1	szSecondaryMailingName	String	40	Secondary Mailing Name

Data Item / Alias	Description	Data Type	Size	Element
SBLI	cSubledgerInactiveCode	String	1	Subledger Inactive Code
ACTN	cActionCode2	String	1	Action Code

Conceptual Approach

A ship to address book number added or modified in a branch plant modifies the Branch Plant Constants table and this information is sent out in a realtime event: Address Book Master (F0101).

Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the PTSHPHDR event.

RTSHPPHOUT

RTSHPPHOUT is a single event generated by the PeopleSoft EnterpriseOne system to provide address book phone information.

Event Name	<i>RTSHPPHOUT</i>
Event Description	<i>Ship To Address Phones Notification</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4102160B: Ship To Phones</i>
Event Relationship	Included in container event RTSHPOUT.

Event Fields

The RTSHPPHOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PHTP	szPhoneNumberType	String	4	Phone Number Type
AR1	szPhoneAreaCode1	String	6	Phone Area Code
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
PH1	szPhoneNumber	String	20	Phone Number
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID

Conceptual Approach

A ship to address book number added or modified in a branch plant modifies the Branch Plant Constants table and this information is sent out in a realtime event: all Address Book - Contact Phone Numbers (F0115) for the first contact.

Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the RTSHPPHOUT event.

RTSHPEAOUT

RTSHPEAOUT is a single event generated by the PeopleSoft EnterpriseOne system to provide address book email information.

Event Name	<i>RTSHPEAOUT</i>
Event Description	<i>Ship To Address Emails Notification</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4102160C: Ship To E-mail</i>
Event Relationship	Included in container event RTSHPOUT.

Event Fields

The RTSHPEAOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnAddressNumber	String	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
ETP	szElectronicAddressType	String	4	Electronic Address Type
EMAL	szEmailAddressow	String	256	Email Address
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID

Conceptual Approach

A ship to address book number added or modified in a branch plant modifies the Branch Plant Constants table and this information is sent out in a realtime event: all Electronic Address (F01151) records for the first contact.

Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the RTSHPEAOUT event.

Business Unit

This section discusses the realtime event generated by changes to business units.

RTBUOUT

RTBUOUT is a container event generated by the PeopleSoft EnterpriseOne system to provide business unit information.

Event Name	<i>RTBUOUT</i>
Event Description	<i>RTBUOUT</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTBUOUTA (D0000600B) RTBUOUTB (D4101700B)
Product Code	<i>H00</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields - RTBUOUTA

The RTBUOUTA event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTION	Action Type	Char	1	EventAction
MCU	Business Unit	String	12	CostCenter
STYL	Business Unit Type	String	2	CostCenterType
DC	Description - Compressed	String	40	DescripCompressed
LDM	Level of Detail - Business Unit	Char	1	LevelOfDetailCcCode
CO	Company	String	5	Company
AN8	Address Number	Numeric	8	AddressNumber
AN8O	Address Number - Job A/R	Numeric	8	AddressNumberJobAr
CNTY	County	String	3	County
ADDS	State	String		State
FMOD	Model Accounts and Consolidation	Char	1	ModelAccountsandConsolid
DL01	Description	String	30	Description001

Data Item / Alias	Description	Data Type	Size	Element
DL02	Description 02	String	30	Description002
DL03	Description 03	String	30	Description003
DL04	Description 02	String	30	Description004
RP01	Division	String	3	Division
RP02	Region	String	3	Region
RP03	Group	String	3	Group
RP04	Branch Office	String	3	BranchOffice
RP05	Department Type	String	3	DepartmentType
RP06	Person Responsible	String	3	PersonResponsible
RP07	Line of Business	String	3	LineOfBusiness
RP08	Category Code - Business Unit 08	String	3	CategoryCodeCostCt008
RP09	Category Code - Business Unit 09	String	3	CategoryCodeCostCt009
RP10	Category Code - Business Unit 10	String	3	CategoryCodeCostCt010
RP11	Category Code - Business Unit 11	String	3	CategoryCodeCostCt011
RP12	Category Code - Business Unit 12	String	3	CategoryCodeCostCt012
RP13	Category Code - Business Unit 13	String	3	CategoryCodeCostCt013
RP14	Category Code - Business Unit 14	String	3	CategoryCodeCostCt014
RP15	Category Code - Business Unit 15	String	3	CategoryCodeCostCt015
RP16	Category Code - Business Unit 16	String	3	CategoryCodeCostCt016
RP17	Category Code - Business Unit 17	String	3	CategoryCodeCostCt017
RP18	Category Code - Business Unit 18	String	3	CategoryCodeCostCt018
RP19	Category Code - Business Unit 19	String	3	CategoryCodeCostCt019
RP20	Category Code - Business Unit 20	String	3	CategoryCodeCostCt020
RP21	Category Code - Business Unit 21	String	10	CategoryCodeCostCt021
RP22	Category Code - Business Unit 22	String	10	CategoryCodeCostCt022
RP23	Category Code - Business Unit 23	String	10	CategoryCodeCostCt023

Data Item / Alias	Description	Data Type	Size	Element
RP24	Category Code - Business Unit 24	String	10	CategoryCodeCostCenter24
RP25	Category Code - Business Unit 25	String	10	CategoryCodeCostCenter25
RP26	Category Code - Business Unit 26	String	10	CategoryCodeCostCenter26
RP27	Category Code - Business Unit 27	String	10	CategoryCodeCostCenter27
RP28	Category Code - Business Unit 28	String	10	CategoryCodeCostCenter28
RP29	Category Code - Business Unit 29	String	10	CategoryCodeCostCenter29
RP30	Category Code - Business Unit 30	String	10	CategoryCodeCostCenter30
TA	Tax Area	String	10	TaxArea
TXJS	Tax Entity	Numeric	8	TaxEntity
TXA1	Tax Rate/Area	String	10	TaxArea1
EXR1	Tax Expl Code 1	String	2	TaxExplanationCode1
TC01	Tax/Deduction Codes 01	String	4	TaxDeductionCodes1
TC02	Tax/Deduction Codes 02	String	4	TaxDeductionCodes2
TC03	Tax/Deduction Codes 03	String	4	TaxDeductionCodes3
TC04	Tax/Deduction Codes 04	String	4	TaxDeductionCodes4
TC05	Tax/Deduction Codes 05	String	4	TaxDeductionCodes5
TC06	Tax/Deduction Codes 06	String	4	TaxDeductionCodes6
TC07	Tax/Deduction Codes 07	String	4	TaxDeductionCodes7
TC08	Tax/Deduction Codes 08	String	4	TaxDeductionCodes8
TC09	Tax/Deduction Codes 09	String	4	TaxDeductionCodes9
TC10	Tax/Deduction Codes 10	String	4	TaxDeductionCodes10
ND01	Tax Distributable/Non-Distr. Code 01	Char	1	DistributeTaxCode001
ND02	Tax Distributable/Non-Distr. Code 02	Char	1	DistributeTaxCode002
ND03	Tax Distributable/Non-Distr. Code 03	Char	1	DistributeTaxCode003
ND04	Tax Distributable/Non-Distr. Code 04	Char	1	DistributeTaxCode004
ND05	Tax Distributable/Non-Distr. Code 05	Char	1	DistributeTaxCode005

Data Item / Alias	Description	Data Type	Size	Element
ND06	Tax Distributable/Non-Distr. Code 06	Char	1	DistributeTaxCode006
ND07	Tax Distributable/Non-Distr. Code 07	Char	1	DistributeTaxCode007
ND08	Tax Distributable/Non-Distr. Code 08	Char	1	DistributeTaxCode008
ND09	Tax Distributable/Non-Distr. Code 09	Char	1	DistributeTaxCode009
ND10	Tax Distributable/Non-Distr. Code 10	Char	1	DistributeTaxCode010
CC01	Tax or Deduction Compute Status Code 01	Char	1	TaxOrDedCompStat01
CC02	Tax or Deduction Compute Status 02	Char	1	TaxOrDedCompStat02
CC03	Tax or Deduction Compute Status 03	Char	1	TaxOrDedCompStat03
CC04	Tax or Deduction Compute Status 04	Char	1	TaxOrDedCompStat04
CC05	Tax or Deduction Compute Status 05	Char	1	TaxOrDedCompStat05
CC06	Tax or Deduction Compute Status 06	Char	1	TaxOrDedCompStat06
CC07	Tax or Deduction Compute Status 07	Char	1	TaxOrDedCompStat07
CC08	Tax or Deduction Compute Status 08	Char	1	TaxOrDedCompStat08
CC09	Tax or Deduction Compute Status 09	Char	1	TaxOrDedCompStat09
CC10	Tax or Deduction Compute Status 10	Char	1	TaxOrDedCompStat10
PECC	Posting Edit - Business Unit	Char	1	PostingEditCostCenter
ALS	Allocation Summarization Method	Char	1	AllocaSummarizaMeth
ISS	Invoice/Stmt Summarization Method	Char	1	InvstmtSummarizaMeth
GLBA	G/L Bank Account	String	8	GlBankAccount
ALCL	Allocation Level	String	2	AllocationLevel
LMTH	Labor Distribution Method	Char	1	LaborLoadingMethod
LF	Labor Distribution Multiplier	Numeric	5	LaborLoadingFactor
OBJ1	Object Account - Labor Account	String	6	GlObjectAcctLabor
OBJ2	Object Account - Premium Account	String	6	GlObjectAcctLaborPrem
OBJ3	Object Account - Burden	String	6	GlObjAcctLaborBurden
SUB1	Subsidiary - Burden Cost Code	String	8	SubsidiaryBurdnCstCode

Data Item / Alias	Description	Data Type	Size	Element
TOU	Units - Total	Numeric	15	UnitsTotal
SBLI	Subledger Inactive Code	Char	1	SubledgerInactiveCode
ANPA	Supervisor	Numeric	8	Supervisor
CT	Contract Type	String	4	ContractType1
CERT	Certified Job	Char	1	CertifiedJob
MCUS	Business Unit - Subsequent	String	12	CostCenterSubsequent
BTYP	Billing Type - Business Unit	Char	1	BillingTypeCostCenter
PC	Percent Complete	Numeric	5	PercentComplete
PCA	Percent Complete - Aggregate Detail	Numeric	5	PerCompleteAggregate
PCC	Amount - Cost To Complete (Obsolete)	Numeric	15	AmtCostToCompleteOb
INTA	Interest Computation Code A/R	String	4	IntComputationCodeAr
INTL	InterestComp - Late Revenue	String	4	IntComputationCodeRev
D1J	Date - Planned Start	Date	6	DatePlannedStartJ
D2J	Date - Actual Start	Date	6	DateActualStartJ
D3J	Date - Planned Complete	Date	6	DatePlannedCompleteJ
D4J	Date - Actual Complete	Date	6	DateActualCompleteJ
D5J	Date - Other 5	Date	6	DateOther5J
D6J	Date - Other 6	Date	6	DateOther6J
FPDJ	Date - Final Payment (Julian)	Date	6	DteFinalPaymntJulian
CAC	Amount - Cost at Completion	Numeric	15	AmtCostAtCompletion
PAC	Amount - Profit at Completion	Numeric	15	AmtProfitAtCompletion
EEO	Equal Employment Opportunity	Char	1	EqualEmploymentOpport
ERC	Equipment Rate Code	String	2	EquipmentRateCode
EV01	J.D. EnterpriseOne Event Point 01	Char	1	IsAnInventoryBranchPlant
LNGP	Language	String	2	LanguagePreference
DL01	Description	String	30	AlternativeDescription1

Data Item / Alias	Description	Data Type	Size	Element
DL02	Description 02	String	30	AlternativeDescription2
DL03	Description 03	String	30	AlternativeDescription3
DL04	Description 02	String	30	AlternativeDescription4
DC	Description - Compressed	String	40	AlzAltDescripCompressed
BPTP	Branch Type	String	15	BranchType
APSB	APS Business Unit	Char	1	APSBusinessUnit
TSBU	Target Business Unit	String	12	TargetBusinessUnit

Event Fields - RTBUOUTB

The RTBUOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTION	Action Type	Char	1	EventAction
MCU	Business Unit	String	12	CostCenter
STYL	Business Unit Type	String	2	CostCenterType
DC	Description - Compressed	String	40	DescripCompressed
LDM	Level of Detail - Business Unit	Char	1	LevelOfDetailCcCode
CO	Company	String	5	Company
AN8	Address Number	Numeric	8	AddressNumber
AN8O	Address Number - Job A/R	Numeric	8	AddressNumberJobAr
CNTY	County	String	3	County
ADDS	State	String		State
FMOD	Model Accounts and Consolidation	Char	1	ModelAccountsandConsolid
DL01	Description	String	30	Description001
DL02	Description 02	String	30	Description01002
DL03	Description 03	String	30	Description01003
DL04	Description 04	String	30	Description01004

Data Item / Alias	Description	Data Type	Size	Element
RP01	Division	String	3	Division
RP02	Region	String	3	Region
RP03	Group	String	3	Group
RP04	Branch Office	String	3	BranchOffice
RP05	Department Type	String	3	DepartmentType
RP06	Person Responsible	String	3	PersonResponsible
RP07	Line of Business	String	3	LineOfBusiness
RP08	Category Code - Business Unit 08	String	3	CategoryCodeCostCt008
RP09	Category Code - Business Unit 09	String	3	CategoryCodeCostCt009
RP10	Category Code - Business Unit 10	String	3	CategoryCodeCostCt010
RP11	Category Code - Business Unit 11	String	3	CategoryCodeCostCt011
RP12	Category Code - Business Unit 12	String	3	CategoryCodeCostCt012
RP13	Category Code - Business Unit 13	String	3	CategoryCodeCostCt013
RP14	Category Code - Business Unit 14	String	3	CategoryCodeCostCt014
RP15	Category Code - Business Unit 15	String	3	CategoryCodeCostCt015
RP16	Category Code - Business Unit 16	String	3	CategoryCodeCostCt016
RP17	Category Code - Business Unit 17	String	3	CategoryCodeCostCt017
RP18	Category Code - Business Unit 18	String	3	CategoryCodeCostCt018
RP19	Category Code - Business Unit 19	String	3	CategoryCodeCostCt019
RP20	Category Code - Business Unit 20	String	3	CategoryCodeCostCt020
RP21	Category Code - Business Unit 21	String	10	CategoryCodeCostCt021
RP22	Category Code - Business Unit 22	String	10	CategoryCodeCostCt022
RP23	Category Code - Business Unit 23	String	10	CategoryCodeCostCt023
RP24	Category Code - Business Unit 24	String	10	CategoryCodeCostCenter24
RP25	Category Code - Business Unit 25	String	10	CategoryCodeCostCenter25
RP26	Category Code - Business Unit 26	String	10	CategoryCodeCostCenter26

Data Item / Alias	Description	Data Type	Size	Element
RP27	Category Code - Business Unit 27	String	10	CategoryCodeCostCenter27
RP28	Category Code - Business Unit 28	String	10	CategoryCodeCostCenter28
RP29	Category Code - Business Unit 29	String	10	CategoryCodeCostCenter29
RP30	Category Code - Business Unit 30	String	10	CategoryCodeCostCenter30
TA	Tax Area	String	10	TaxArea
TXJS	Tax Entity	Numeric	8	TaxEntity
TXA1	Tax Rate/Area	String	10	TaxArea1
EXR1	Tax Expl Code 1	String	2	TaxExplanationCode1
TC01	Tax/Deduction Codes 01	String	4	TaxDeductionCodes1
TC02	Tax/Deduction Codes 02	String	4	TaxDeductionCodes2
TC03	Tax/Deduction Codes 03	String	4	TaxDeductionCodes3
TC04	Tax/Deduction Codes 04	String	4	TaxDeductionCodes4
TC05	Tax/Deduction Codes 05	String	4	TaxDeductionCodes5
TC06	Tax/Deduction Codes 06	String	4	TaxDeductionCodes6
TC07	Tax/Deduction Codes 07	String	4	TaxDeductionCodes7
TC08	Tax/Deduction Codes 08	String	4	TaxDeductionCodes8
TC09	Tax/Deduction Codes 09	String	4	TaxDeductionCodes9
TC10	Tax/Deduction Codes 10	String	4	TaxDeductionCodes10
ND01	Tax Distributable/Non-Distr. Code 01	Char	1	DistributeTaxCode001
ND02	Tax Distributable/Non-Distr. Code 02	Char	1	DistributeTaxCode002
ND03	Tax Distributable/Non-Distr. Code 03	Char	1	DistributeTaxCode003
ND04	Tax Distributable/Non-Distr. Code 04	Char	1	DistributeTaxCode004
ND05	Tax Distributable/Non-Distr. Code 05	Char	1	DistributeTaxCode005
ND06	Tax Distributable/Non-Distr. Code 06	Char	1	DistributeTaxCode006
ND07	Tax Distributable/Non-Distr. Code 07	Char	1	DistributeTaxCode007
ND08	Tax Distributable/Non-Distr. Code 08	Char	1	DistributeTaxCode008

Data Item / Alias	Description	Data Type	Size	Element
ND09	Tax Distributable/Non-Distr. Code 09	Char	1	DistributeTaxCode009
ND10	Tax Distributable/Non-Distr. Code 10	Char	1	DistributeTaxCode010
CC01	Tax Distributable/Non-Distr. Code 01	Char	1	TaxOrDedCompStat01
CC02	Tax or Deduction Compute Status 02	Char	1	TaxOrDedCompStat02
CC03	Tax or Deduction Compute Status 03	Char	1	TaxOrDedCompStat03
CC04	Tax or Deduction Compute Status 04	Char	1	TaxOrDedCompStat04
CC05	Tax or Deduction Compute Status 05	Char	1	TaxOrDedCompStat05
CC06	Tax or Deduction Compute Status 06	Char	1	TaxOrDedCompStat06
CC07	Tax or Deduction Compute Status 07	Char	1	TaxOrDedCompStat07
CC08	Tax or Deduction Compute Status 08	Char	1	TaxOrDedCompStat08
CC09	Tax or Deduction Compute Status 09	Char	1	TaxOrDedCompStat09
CC10	Tax or Deduction Compute Status 10	Char	1	TaxOrDedCompStat10
PECC	Posting Edit - Business Unit	Char	1	PostingEditCostCenter
ALS	Allocation Summarization Method	Char	1	AllocaSummarizaMeth
ISS	Invoice/Stmt Summarization Meth	Char	1	InvstmtSummarizaMeth
GLBA	G/L Bank Account	String	8	GlBankAccount
ALCL	Allocation Level	String	2	AllocationLevel
LMTH	Labor Distribution Method	Char	1	LaborLoadingMethod
LF	Labor Distribution Multiplier	Numeric	5	LaborLoadingFactor
OBJ1	Object Account - Labor Account	String	6	GLObjectAcctLabor
OBJ2	Object Account - Premium Account	String	6	GLObjectAcctLaborPrem
OBJ3	Object Account - Burden	String	6	GLObjAcctLaborBurden
SUB1	Subsidiary - Burden Cost Code	String	8	SubsidiaryBurdnCstCde
TOU	Units - Total	Numeric	15	UnitsTotal
SBLI	Subledger Inactive Code	Char	1	SubledgerInactiveCode
ANPA	Supervisor	Numeric	8	Supervisor

Data Item / Alias	Description	Data Type	Size	Element
CT	Contract Type	String	4	ContractType1
CERT	Certified Job	Char	1	CertifiedJob
MCUS	Business Unit - Subsequent	String	12	CostCenterSubsequent
BTYP	Billing Type - Business Unit	Char	1	BillingTypeCostCenter
PC	Percent Complete	Numeric	5	PercentComplete
PCA	Percent Complete - Aggregate Detail	Numeric	5	PerCompleteAggregate
PCC	Amount - Cost To Complete (Obsolete)	Numeric	15	AmtCostToCompleteOb
INTA	Interest Computation Code A/R	String	4	IntComputationCodeAr
INTL	InterestComp - Late Revenue	String	4	IntComputationCodeRev
D1J	Date - Planned Start	Date	6	DatePlannedStartJ
D2J	Date - Actual Start	Date	6	DateActualStartJ
D3J	Date - Planned Complete	Date	6	DatePlannedCompleteJ
D4J	Date - Actual Complete	Date	6	DateActualCompleteJ
D5J	Date - Other 5	Date	6	DateOther5J
D6J	Date - Other 6	Date	6	DateOther6J
FPDJ	Date - Final Payment (Julian)	Date	6	DteFinalPaymntJulian
CAC	Amount - Cost at Completion	Numeric	15	AmtCostAtCompletion
PAC	Amount - Profit at Completion	Numeric	15	AmtProfitAtCompletion
EEO	Equal Employment Opportunity	Char	1	EqualEmploymentOpport
ERC	Equipment Rate Code	String	2	EquipmentRateCode
EV01	EnterpriseOne Event Point 01	Char	1	IsAnInventoryBranchPlant
LNGP	Language	String	2	LanguagePreference
DL01	Description	String	30	AlternativeDescription1
DL02	Description 02	String	30	AlternativeDescription2
DL03	Description 03	String	30	AlternativeDescription3
DL04	Description 02	String	30	AlternativeDescription4

Data Item / Alias	Description	Data Type	Size	Element
DC	Description - Compressed	String	40	AlzAltDescripCompressed
EV01	J.D. EnterpriseOne Event Point 01	Char	1	FutureUseFlag
INT01	Integer 01 - EnterpriseOne	Integer	4	FutureUseInteger
MATH01	Math Numeric 01	Numeric	15	FutureUseMathNumeric
VC30A	Video Constant A - length 30	String	30	FutureUseString

Conceptual Approach

A business unit record added, modified, or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Business Unit table (F0006). If a business unit is added or modified, the information is sent through an XPI integration to another third-party system for add or update. If a business unit is deleted, the pertinent information is sent to the third-party, which take the appropriate action. If applicable, the third-party integration need to update the XPI cross-reference table in the process in order to tie the key values from both systems together.

Objects that Can Initiate the Event

These objects can initiate the RTBUOUT event:

- P0006 - Business Units
- P41001 - Branch/Plant Constants
- P00065 - Translate Business Units
- R10480 - Journalize Consolidation Balances
- R10862 - Refresh Consolidation
- B0000105 - F0006D Update Business Unit Translation
- B0000107 - F0006D Edit Business Unit Translation
- B0000203 - F0006 Update Business Unit Category Codes from Address Book
- B0900156 - Delete F0006 Business Unit and F0006D Translations
- B1000012 - Business Unit Existence Check
- B1000040 - Build Parent/Child Business Unit Cache

Company

This section discusses the realtime event generated by changes to companies.

RTCOOUT

RTCOOUT is a single event generated by the PeopleSoft EnterpriseOne system to provide company information.

Event Name	<i>RTCOOUT</i>
Event Description	<i>RTCOOUT</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H00</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0000310B</i>

Event Fields

The RTCOOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTI	Action Code	Char	1	ActionCode
CO	Company	String	5	Company
NAME	Name	String	30	Name
ALTC	Alternate Company Name	String	40	AlternateCompanyName
DFYJ	Date - Fiscal Year Begins	Date	6	Datefiscalyearbeginsj
PNC	Period Number - Current	Numeric	2	PeriodNumberCurrent
DOT1	Allow Multi-Currency Intercompany Trans.	Char	1	MultiCurrencyIntercompanyJE
CRYR	Currency Conversion Y/N/Z	char	1	CurrencyConverYNAR
CRYC	Search Type Security - Y/N	Char	1	SearchTypeSecurity
DOT2	Computation ID	Char	1	ComputationID
MCUA	Default CC - Use for Asset Cost	Char	1	UseCcFrAssetCstFlag
MCUD	Default CC - Use for Depreciation Exp.	Char	1	UseCcForDepreExpFlg
MCUC	Default CC - Use for Accumulated Depre	Char	1	UseCcFrAccumDepreFl
MCUB	Default CC - Use for Revenue - Billing	Char	1	UseCcForRevBillFlag
DPRC	Voucher Redistribution Suspense	Char	1	ComMethodLtdOrRem1
BKTX	Detailed Currency Restatement	Char	1	cBookToTax
TXBM	Tax Year - Beginning Month	Numeric	2	TaxYearBeginMonth

Data Item / Alias	Description	Data Type	Size	Element
TXBO	Tax Year - Beginning Month - Old OBSOLET	Numeric	2	TaxYearBeginMonthOld
NWXJ	Date - New Tax Year End	Date	6	DateNewTaxYearEndJ
GLIE	Display 10 Class Codes (Y/N)	Char	1	GIInterfaceFlgPropEq
ABIN	Post Account Balances by Currency	Char	1	AddressBookInterface
CALD	Number of Periods - Normal	String	2	NumberOfPeriodsNormal
DTPN	Fiscal Date Pattern	Char	1	FiscalDatePattern
PNF	Period Number - Financial Reporting	Numeric	2	PeriodNoFinancialRep
DFP	Financial Reporting Year	Numeric	2	FinancialReportingYear
CRCD	Currency Code - From	String	3	CurrencyCodeFrom
SMI	Symbol Used to define Item Number	Char	1	SymblUseToDefinPEI
SMU	Symbol Used to define Unit Number	Char	1	SymblUseToDefinPEU
SMS	Symbol Used to define Serial Number	Char	1	SymblUseToDefinSeria
DNLT	Delinquency Notice (Y/N)	Char	1	DelinquencyLetter
STMT	Print Statement Y/N	Char	1	PrintStatementYN
ATCS	Auto Receipt (Y/N)	Char	1	AutoCash
ALGM	Auto Receipt Algorithm Method	String	2	AutocashAlgorithm
AGEM	Aging Method (1,2,3)	Char	1	AgingMethod
CRDY	Aging Days - A/R Current	Numeric	3	AgingDaysARCurrent
AGR1	Aging Days - A/R 1	Numeric	3	AgingDaysAR001
AGR2	Aging Days - A/R 2	Numeric	3	AgingDaysAR002
AGR3	Aging Days - A/R 3	Numeric	3	AgingDaysAR003
AGR4	Aging Days - A/R 4	Numeric	3	AgingDaysAR004
AGR5	Aging Days - A/R 5	Numeric	3	AgingDaysAR005
AGR6	Aging Days - A/R 6	Numeric	3	AgingDaysAR006
AGR7	Aging Days - A/R 7	Numeric	3	AgingDaysAR007
FRY	52 Period Financial Report Year	Numeric	2	FinancialReportYear52

Data Item / Alias	Description	Data Type	Size	Element
FRP	52 Period Number - Financial Reporting	Numeric	2	PeriodNoFinancial52
NNP	52 Period Number of Periods - Normal	Numeric	2	NumberOfPeriods52
FP	Percentage Factor	Numeric	9	PercentageFactor
AGE	Aging - Date Based On (I/D/G)	Char	1	BaseAgingDate
DAG	Date - Age as of	Date	6	DateAgeAsOf
ARPN	Period Number - Accounts Receivable	Numeric	2	PeriodNoAr
APPN	Period Number - Accounts Payable	Numeric	2	PeriodNoAp
ARFJ	Date - A/R Fiscal Year Begins	Date	6	DateARFiscalYearBeginsJ
APFJ	Date - A/P Fiscal Year Begins	Date	6	DateAPFiscalYearBeginsJ
AN8	Address Number	Numeric	8	AddressNumber
SGBK	Signature Block	String	40	SignatureBlock
PTCO	Print Company Name	Char	1	PrintCompanyName
X1	For Future Use - Flag 1	Char	1	ForFutureUseFlag1
X2	For Future Use - Flag 2	Char	1	ForFutureUseFlag2
USER	User ID	String	10	UserId
PID	Program ID	String	10	ProgramId
UPMJ	Date - Updated	Date	6	DateUpdated
JOBN	Work Station ID	String	10	WorkStationId
UPMT	Time - Last Updated	Numeric	6	TimeLastUpdated

Conceptual Approach

A new company added in the PeopleSoft EnterpriseOne system creates a new record in the Company table (F0010). If a company is added or modified in a system, the information is sent to a third-party system for add or update. If a company is deleted, the pertinent information is sent to the third-party, which will take the appropriate action. If applicable, the third-party integration must update the cross-reference table in the process in order to tie together the key values from both systems.

Objects that Can Initiate the Event

These objects can initiate the RTCOOUT event:

- P0000 - System Setup
- P0010 - Companies

- B0000132 - Update Currency Conversion
- B0000024 - Global Update Company Period Number
- B03B0026 - Retrieve/Update A/R Constants

Customer

This section discusses the realtime event generated by changes to customer records.

RTCMOUT

RTCMOUT is used by the PeopleSoft EnterpriseOne system to notify third-party systems of customer additions, changes, or deletions.

Event Name	<i>RTCMOUT</i>
Event Description	<i>Customer Master Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTCMHDR (D0100077A) RTCMPHOUT (D0100077B) RTCMEOAOUT (D0100077C) RTCMCCOUT (D0100077D)
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Please see the appropriate realtime events that are contained by this event for more information about the fields, conceptual approach, and processes that can initiate this event.

Special Setup

RTCMOUT has some additional special setup requirements due to the logic in the realtime wrapper.

The processing option for version ZJDE001 of the Customer Master Real Time Event Wrapper Application program (P0100077) determines whether RTCMOUT is always sent or is sent only if certain fields are changed. The purpose of the processing option is to enable filtering of the outbound event, RTCMOUT.

When the processing option is 0, blank, or null, no filtering occurs, and RTCMOUT is sent whenever a change is made to a customer master record. If the processing option is 1, an event is sent only if one of the five territory alignment fields have been changed. Events always occur on an Add or Delete. The five territory alignment fields are Industry Classification Code, City, State, Zip, and Country. If one of these fields have changed and the filter is turned off, a flag is set in a cTerritoryAlign parameter in the event data structure. This flag is a signal that something has changed in those five fields.

RTCMHDR

RTCMHDR is used by the PeopleSoft EnterpriseOne system to notify third-party systems of customer additions, changes, or deletions.

Event Name	<i>RTCMHDR</i>
Event Description	<i>Customer Master Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100077A</i>
Event Relationship	Included in container event RTCMOUT.

Event Fields

The RTCMHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Type
AN8	mnAddressNumber	Numeric	8	Customer
CO	szCompany	String	5	Company
ALPH	szNameAlpha	String	40	Customer Name
MCU	szBusinessUnit	String	12	Business Unit
AT1	szSearchType	String	3	Customer Type
BADT	cShipToSoldToFlag	Char	1	Billing Address Type
SIC	szStandardIndustryCode	String	10	Industry Classification Code
RMK	szRemark	String	30	Remark
LNG	szLanguageCode	String	2	Language
POPN	szCreatedBy	String	10	Person who created record
MLNM	szMailingName	String	40	Mailing Name
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4

Data Item / Alias	Description	Data Type	Size	Element
CTY	szCity	String	25	City
COUN	szCountyAddress	String	25	County
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Zip Postal Code
CTR	szCountry	String	3	Country
PH1	szPhoneNumber	String	20	Phone Number
TAX2	szTaxArea	String	10	Tax Area
EXR2	szTaxExplanationCode	String	2	Tax Explanation Code
TAX	szTaxId	String	20	Tax Identification
CRCD	szCurrencyCode	String	4	Currency Code
EV01	cCustomerPORequired	Char	1	Customer PO Required
PH2	szPhoneNumber_2	String	20	Phone Number
PA8	mnParentNumber	Numeric	8	Parent
CM	szCreditMessage	String	2	Credit Message
EV01	cTerritoryAlign	Char	1	Territory Alignment Flag for CRM
PRGF	cPurgeFlag	Char	1	Purge Flag
BYAL	cBypassAuditLogging	Char	1	Bypass Audit Logging
BSC	szBuyingSegmentCode	String	10	Buying Segment Code
OPBO	szOPBusinessObjective	String	30	OP Business Objective
APSB	cAPSBusinessUnit	Char	1	APS Business Unit
EFTF	cEffectiveDateExistence	Char	1	Effective Date Existence
EFTB	jdDateBeginningEffective	Date	6	Date - Beginning Effective
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type
ALKY	szAlternateAddressKey	String	20	Alternate Address Key
HOLD	szHoldOrderCode	String	20	Hold Alternate Code

Data Item / Alias	Description	Data Type	Size	Element
TRAR	szPaymentTermsA/R	String	3	Payment Terms - A/R
EFTB	jdDateBeginningEffective	Date	6	Date - Beginning Effective Date

Conceptual Approach

A customer record added, modified, or deleted in the PeopleSoft EnterpriseOne system creates a new record in a number of tables such as Customer Master by Line of Business (F03012) and Address Book Master (F0101) tables. A realtime notification event is triggered in the Customer Master or Address Book Master Business Function after data is modified to any customer table.

Objects that Can Initiate the Event

These objects can initiate the RTCMHDR event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function B0100077 - Customer Master Real-Time Event notification function
- B0100077 - Customer Master Real Time Wrapper
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTCMPHOUT

RTCMPHOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of customer phone number changes.

Event Name	<i>RTCMPHOUT</i>
Event Description	<i>Customer Master Manage Notify - Phones structure</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100077B</i>
Event Relationship	Included in container event RTCMOUT.

Event Fields

The RTCMPHOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PHTP	szPhoneNumberType	String	4	Type of phone number (fax, home, work, etc)
PH1	szPhoneNumber	String	20	Phone number
RCK7	mnSequenceNumber	Numeric	8	Sequence number in F0115 table of record
CNLN	mnContactPersonID	Numeric	5	Contact Line Number

Conceptual Approach

A phone number is changed in the PeopleSoft EnterpriseOne system for a customer. This change is sent out using realtime events. A given customer may have an infinite number of phone numbers.

Objects that Can Initiate the Event

These objects can initiate the RTCMPHOUT event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100077 - Customer Master Real-Time Event notification function
- B0100077 - Customer Master Real Time Wrapper
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTCMEAOUT

RTCMEAOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of customer email address changes.

Event Name	<i>RTCMEAOUT</i>
Event Description	<i>Customer Master Manage Notify - E-mail structure</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>01</i>

Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100077C</i>
Event Relationship	Included in container event RTCMOUT.

Event Fields

The RTCMEABOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnAddressNumber	Numeric	8	Address number of customer
IDLN	mnLineNumberID	Numeric	8	who's who number of customer
RCK7	mnSequenceNumber70	Numeric	8	Sequence number of record in F01151 table
ETP	szElectronicAddressType	String	4	Type of electronic address such as email or URL
EMAL	szEmailAddressow	String	256	Email address or URL

Conceptual Approach

An email address is added or changed in the PeopleSoft EnterpriseOne system for a customer. This change is sent out using realtime events. A given customer may have an infinite number of email addresses.

Objects that Can Initiate the Event

These objects can initiate the RTCMEABOUT event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100077 - Customer Master Real-Time Event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTCMCCOUT

RTCMCCOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of customer category code changes.

Event Name	<i>RTCMCCOUT</i>
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Event Description	<i>Customer Master Manage Notify - Category Code Structure</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100077D</i>
Event Relationship	Included in container event RTCMOUT.

Event Fields

The RTCMCCOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnAddressNumber	Numeric	8	Customer Address Number
AC01	szReportCodeAddBook001	String	3	Customer Category Code
AC02	szReportCodeAddBook002	String	3	Customer Category Code
AC03	szReportCodeAddBook003	String	3	Customer Category Code
AC04	szReportCodeAddBook004	String	3	Customer Category Code
AC05	szReportCodeAddBook005	String	3	Customer Category Code
AC06	szReportCodeAddBook006	String	3	Customer Category Code
AC07	szReportCodeAddBook007	String	3	Customer Category Code
AC08	szReportCodeAddBook008	String	3	Customer Category Code
AC09	szReportCodeAddBook009	String	3	Customer Category Code
AC10	szReportCodeAddBook010	String	3	Customer Category Code
AC11	szReportCodeAddBook011	String	3	Customer Category Code
AC12	szReportCodeAddBook012	String	3	Customer Category Code
AC13	szReportCodeAddBook013	String	3	Customer Category Code
AC14	szReportCodeAddBook014	String	3	Customer Category Code
AC15	szReportCodeAddBook015	String	3	Customer Category Code
AC16	szReportCodeAddBook016	String	3	Customer Category Code

Data Item / Alias	Description	Data Type	Size	Element
AC17	szReportCodeAddBook017	String	3	Customer Category Code
AC18	szReportCodeAddBook018	String	3	Customer Category Code
AC19	szReportCodeAddBook019	String	3	Customer Category Code
AC20	szReportCodeAddBook020	String	3	Customer Category Code
AC21	szCategoryCodeAddressBook2	String	3	Customer Category Code
AC22	szCategoryCodeAddressBk22	String	3	Customer Category Code
AC23	szCategoryCodeAddressBk23	String	3	Customer Category Code
AC24	szCategoryCodeAddressBk24	String	3	Customer Category Code
AC25	szCategoryCodeAddressBk25	String	3	Customer Category Code
AC26	szCategoryCodeAddressBk26	String	3	Customer Category Code
AC27	szCategoryCodeAddressBk27	String	3	Customer Category Code
AC28	szCategoryCodeAddressBk28	String	3	Customer Category Code
AC29	szCategoryCodeAddressBk29	String	3	Customer Category Code
AC30	szCategoryCodeAddressBk30	String	3	Customer Category Code

Conceptual Approach

A customers category code data is added or changed in the PeopleSoft EnterpriseOne system. This change is sent out using realtime events.

Objects that Can Initiate the Event

These objects can initiate the RTCMCCOUT event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100077 - Customer Master Real-Time Event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

Direct Connect

This section provides information about the events that enable you to connect to a Direct Connect supplier's website in order to select items for a requisition.

Prerequisite

You must set up a XAPI subscriber for Direct Connect.

See PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information, Adding a Subscriber.

REMPTYCRT

REMPTYCRT is a single event that is generated by the PeopleSoft EnterpriseOne system to notify the Integration Server that EnterpriseOne has canceled the request to wait for an inbound shopping cart from the supplier.

Event Name	<i>REMPTYCRT</i>
Event Description	<i>eReq - Notify Empty Cart RTE</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>43E</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D43E0060A</i>

Event Fields

The REMPTYCRT event contains these field:

Data Item / Alias	Description	Data Type	Size	Element
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie

Conceptual Approach

The PeopleSoft EnterpriseOne system generates this event when a user cancels a transaction from the EnterpriseOne Direct Connect Shopping Cart application.

Objects that Can Initiate the Event

The Direct Connect Application Interface program (P43E23) initiates the REMPTYCRT event.

Special Setup

You must set up a subscriber event for the REMPTYCRT realtime event.

See PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, “Using Events – Guaranteed,” Establishing Subscriber and Subscription Information.

XAPIAUTHEN

XAPIAUTHEN is a container event generated by the PeopleSoft EnterpriseOne system to request authentication from a Direct Connect supplier’s website and to receive authentication response message.

Event Name	<i>XAPIAUTHEN</i>
Event Description	<i>Authenticate User Credential</i>
Event Type	<i>XAPI</i>
Event Category	<i>Container</i>

Contains these data structures:

- D43E0040D - XAPI - User Authentication DS to XML
- D43E0040E - XAPI Extrinsic Text Substitution
- DXAPIROUTE - XAPI Call Routing Information

Product Code	<i>43E</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields for XAPIAUTHEN - D43E0040D

The D4205010E data structure contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SIGNON	szSenderIdentity_SIGNON	String	30	Sign On ID
POEXTR	cSendExtrinsicInfo_POEXTR	Char	1	Send Extrinsic Information
COMMETHOD	cPunchOutCommMethd_COMMETHOD	Char	1	Direct Connect Communication Method
USER	szUserID_USER	String	10	User ID
FRMIDEN	szFromIdentity_FRMIDEN	String	31	Buyer organization’s Credential Identity
TOIDEN	szToIdentity_TOIDEN	String	31	Supplier Credential Identity
SENDIDEN	szSenderIdentity_SENDIDEN	String	31	Sender’s Credential Identity
MACALGO	szMACAlgorithm_MACALGO	String	31	MAC Algorithm
MACTYPE	szIMACType_MACTYPE	String	31	Credential MAC TYPE
MACVALUE	szMACValue_MACVAL	String	301	MAC Credential Value

Data Item / Alias	Description	Data Type	Size	Element
XMLSCH	szAuthenReqXMLDocName_XMLSCH	String	30	XML Schema
XMLSCH1	szAuthenReqXMLDocName_XMLSCH1	String	30	XML Schema
XMLSCH2	szShpCrtResXMLDocName_XMLSCH2	String	30	XML Schema
XMLVERS	szAuthenReqXMLDocVers_XMLVERS	String	10	XML Version
XMLVERS1	szAuthenReqXMLDocVers_XMLVERS1	String	10	XML Version 1
XMLVERS2	szShpCrtResXMLDocVers_XMLVERS2	String	10	XML Version 2
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
ALPH	szUserAgent_ALPH	String	40	Name - Alpha
LNG	szLanguageCode_LNG	String	3	Language Code
VAL	szOperationAllowed_VAL	String	40	Values Allowed
PASSWD	szSharedSecret_PASSWD	String	50	Signon Password
AUTHURL	szSupplierAuthenURL_AUTHURL	String	3000	Authentication URL
AUTHMTD	cPunchOutAuthenMethd_AUTHMTD	Char	1	Direct Connect Authentication Method
TODMN	szToDomain_TODMN	String	31	Supplier Credential Domain
FRMDMN	szFromDomain_FRMDMN	String	31	Buyer organization's Credential Domain
SENDDMN	szSenderDomain_SENDDMN	String	31	Sender's Credential Domain
CREATEDT	szMACCreationDate_CREATEDT	String	30	Creation Date
EXPIREDT	szMACExpirationDate_EXPIREDT	String	30	Expiration Date

Event Fields for XAPIAUTHEN - D43E0040E

The D43E0040E data structure contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
VC30A1	szElementName_VC30A1	String	30	Video Constant A1 - length 30
VC30A2	szElementName_VC30A2	String	30	Video Constant A2 - length 30

Conceptual Approach

When the user clicks on the supplier number on the Order Items form of the Direct Connection program (P43E23), the system launches the XAPIAUTHEN event to initiate authentication with the Direct Connect supplier's website.

Objects that Can Initiate the Event

The Direct Connect Application Interface program (P43E23) initiates the XAPIAUTHEN event.

Special Setup

You must set up a subscriber event for the XAPIAUTHEN event.

See PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

XAPIGETCRT

XAPIGETCRT is a container event used by the PeopleSoft EnterpriseOne Integration Server to notify the EnterpriseOne Direct Connect Shopping Cart application that the contents of the shopping cart have been sent to EnterpriseOne.

Event Name	<i>XAPIGETCRT</i>
Event Description	<i>XAPI - Get Shopping Cart</i>
Event Type	<i>XAPI</i>
Event Category	<i>Container</i>
	Contains these data structures:
	• D43E0090B - XAPI - Shopping Cart Response • DXAPIROUTE - XAPI Call Routing Information
Product Code	<i>43E</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

The XAPIGETCRT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
USER	szUserID_USER	String	10	User ID
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
LNID	mnLineNumber_LNID	Numeric	6	Line Number

Conceptual Approach

The Get Shopping Cart Response integration service initiates the XAPIGETCRT response message. The system then retrieves the corresponding XAPI message information from the XAPIREQCRT message to communicate with the correct PeopleSoft EnterpriseOne user session.

Objects that Can Initiate the Event

The Integration Server's convert_cXML_1_2_009_PunchOutOrderMessage_To_E1_XAPIGETCRT service initiates the XAPIGETCRT event.

Special Setup

You must set up a subscriber event for the XAPIGETCRT event.

See PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

XAPIGETURL

XAPIGETURL is a container event used by the PeopleSoft EnterpriseOne Integration Server to receive a Direct Connect supplier's catalog URL.

Event Name	<i>XAPIGETURL</i>
Event Description	<i>XAPI - Get Supp Catalog URL</i>
Event Type	<i>XAPI</i>
Event Category	<i>Container</i>

Contains these data structures:

- D43E0050B - XAPI - Populate Catalog URL DataStructure
- DXAPIROUTE - XAPI Call Routing Information

Product Code	<i>43E</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

The XAPIGETURL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
STAT	szResponseStatus_STAT	String	3	Lease/Tract Status Code
DTAI	szStatusDescription_DTAI	String	10	Data Item
AUTHURL	szSupplierCatalogURL_AUTHURL	String	3000	Authentication URL

Conceptual Approach

The authentication integration service initiates the XAPIGETURL response message.

Objects that Can Initiate the Event

The Integration Server's convert_E1_XAPIAUTHEN_To_cXML_1_2_009_And_Response service initiates the XAPIGETCRT event.

Special Setup

You must set up a subscriber event for the XAPIGETURL event.

See PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

XAPIREQCRT

XAPIREQCRT is a container event used by the PeopleSoft EnterpriseOne system to notify the Integration Server that EnterpriseOne is waiting for an inbound shopping cart request from a Direct Connect supplier's website.

Event Name	<i>XAPIREQCRT</i>
Event Description	<i>XAPI - Request Shopping Cart</i>
Event Type	<i>XAPI</i>
Event Category	<i>Container</i>
	Contains these data structures:
	• D43E0080D - XAPI - Get Supplier Shopping Cart Response • DXAPIROUTE - XAPI Call Routing Information
Product Code	<i>43E</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

The XAPIREQCRT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
USER	szUserID_USER	String	10	User ID
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
TCID	mnTransactionID_TCID	Numeric	15	Transaction ID
PEID	mnProcessID_PEID	Numeric	15	Process ID
JOBS	mnJobNumber_JOBS	Numeric	8	Job Number

Data Item / Alias	Description	Data Type	Size	Element
CTID	szComputerID_CTID	String	15	Computer ID
AN8V	mnSupplierNumber_AN8V	Numeric	8	Address Number - Supplier

Conceptual Approach

After the Direct Connect supplier has authenticated a user's credentials, the PeopleSoft EnterpriseOne system triggers this event to notify the PeopleSoft EnterpriseOne Integration Server to listen for the XAPIGETCRT event that will come from the supplier's website.

Objects that Can Initiate the Event

The Direct Connect Application Interface program (P43E23) initiates the XAPIAUTHEN event.

Special Setup

You must set up a subscriber event for the XAPIREQCRT event.

See PeopleSoft EnterpriseOne 8.94 Interoperability PeopleBook, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

Employee

This section discusses the realtime events generated by changes to employee records.

RTEMOUTB

RTEMOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to employee master records (F060116).

Event Name	<i>RTEMOUTB</i>
Event Description	<i>F060116 Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500873B</i>
Relationship	Included in container event RTEMOUT.

Event Fields

The RTEMOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
ALPH	szAlphaName	String	40	Name - Alpha
SSN	szSocialSecurityNumber	String	20	Employee Tax ID
OEMP	szAdditionalEENumber	String	8	Additional Employee No
SEX	cGender	Char	1	Gender (Male/Female)
MSTX	cMaritalStatusTax	Char	1	Marital Status - Tax
MSTI	cMaritalStatusState	Char	1	Marital Status - State Tax
EIC	cEICStatus	Char	1	Earned Income Credit Status
EST	cEmploymentStatus	Char	1	Employee Status
TARR	szTaxAreaResidence	String	10	Tax Area (Residence)
TARA	szTaxAreaWork	String	10	Tax Area (Work)
SCDC	mnSchoolDistrictCode	Number	5	School District Code
HMCO	szHomeCompany	String	5	Company - Home
MCU	szBusinessUnit	String	12	Business Unit
HMCU	szHomeBusinessUnit	String	12	Business Unit - Home
MAIL	szRoutingCode	String	10	Routing Code - Check
PAST	cPayStatus	Char	1	Employee Pay Status
PFRQ	cPayFrequency	Char	1	Pay Frequency
SALY	cPayClass	Char	1	Pay Class (H/S/P)
UN	szUnionCode	String	6	Union Code
JBCD	szJobType	String	6	Job Type (Craft) Code
JBST	szJobStep	String	4	Job Step
EEOJ	szJobCategory	String	3	Job Category (EEO)
EEOM	szEthnicCode	String	2	Ethnic Code
TRS	szChangeReason	String	3	Change Reason

Data Item / Alias	Description	Data Type	Size	Element
WCMP	szWorkersCompCode	String	4	Worker's Comp. Insurance Code
FLSA	cFLSAExempt	Char	1	FLSA Exempt Y/N
SHFT	cShiftCode	Char	1	Shift Code
SAL	mnAnnualSalary	Number	11	Rate - Salary, Annual
PHRT	mnHourlyRate	Number	9	Rate - Hourly
STDH	mnStandardHoursPayPeriod	Number	5	Hours - Standard per Payperiod
STDD	mnStandardHoursDay	Number	5	Hours - Standard pr Day
SDYY	mnDaysStandardYear	Number	5	Days - Standard per Year
IFN	cFirstNameInitial	Char	1	Initial - First Name (Govt Rpts)
IMN	cMiddleNameInitial	Char	1	Initial - Middle Name (Govt Rpts)
DOB	jdDateOfBirth	Date	6	Date - Birth
DSI	jdDateOriginalEmployment	Date	6	Date - Original Employment
DT	jdDateTerminated	Date	6	Date - Terminated
DST	jdDateStarted	Date	6	Data Item - Secondary
PSDT	jdDatePayStarts	Date	6	Date - Pay Starts
PTDT	jdDatePayStops	Date	6	Date - Pay Stops
DR	jdDateLastRaise	Date	6	Date - Last Raise
LADT	jdLOAExpirationDate	Date	6	Date - LOA Expiration Date
CPDT	jdDateCurrentPosition	Date	6	Date - Current Position
P001	szCategoryCodePayroll001	String	3	Category Codes - Payroll1
P002	szCategoryCodePayroll002	String	3	Category Codes - Payroll2
P003	szCategoryCodePayroll003	String	3	Category Codes - Payroll3
P004	szCategoryCodePayroll004	String	3	Category Codes - Payroll4
P005	szCategoryCodePayroll005	String	3	Category Codes - Payroll5
P006	szCategoryCodePayroll006	String	3	Category Codes - Payroll6
P007	szCategoryCodePayroll007	String	3	Category Codes - Payroll7

Data Item / Alias	Description	Data Type	Size	Element
P008	szCategoryCodePayroll008	String	3	Category Codes - Payroll8
P009	szCategoryCodePayroll009	String	3	Category Codes - Payroll9
P010	szCategoryCodePayroll010	String	3	Category Codes - Payroll10
P011	szCategoryCodePayroll011	String	3	Category Codes - Payroll11
P012	szCategoryCodePayroll012	String	3	Category Codes - Payroll12
P013	szCategoryCodePayroll013	String	3	Category Codes - Payroll13
P014	szCategoryCodePayroll014	String	3	Category Codes - Payroll14
P015	szCategoryCodePayroll015	String	3	Category Codes - Payroll15
P016	szCategoryCodePayroll016	String	3	Category Codes - Payroll16
P017	szCategoryCodePayroll017	String	3	Category Codes - Payroll17
P018	szCategoryCodePayroll018	String	3	Category Codes - Payroll18
P019	szCategoryCodePayroll019	String	3	Category Codes - Payroll19
P020	szCategoryCodePayroll020	String	3	Category Codes - Payroll20
SOCC	szOccupationClassCode	String	4	Standard Occupational Class Code
IH	mnWorkHoursPerYear	Number	7	Hours per Standard Year
CCPR	szCountryCode	String	3	Country Code
TCNF	cThirdCtryNationalFlag	Char	1	Third Country National Flag
RAF	cResidentAlienFlag	Char	1	Resident Alien Flag
WET	cWCSubClass	Char	1	Sub Class - Workers Comp
RMST	cMaritalStatusResidentState	Char	1	Marital Status - Resident State
LMST	cMaritalStatusLocalArea	Char	1	Local Area Marital Status
LSDT	jdLOABeginDate	Date	6	Date - LOA Beginning Date
PADT	jdDateParticipation	Date	6	Date - Participation
DTSP	jdDateTimeStamp	Date	6	Date - Time Stamp
DOBM	mnBirthDateMonth	Number	2	Birthday - Month
DSTM	mnStartDateMonth	Number	2	Startdate - Month

Data Item / Alias	Description	Data Type	Size	Element
PSAL	mnRatePreviousSalary	Number	11	Rate - Previous Salary
LSAL	mnRateLifeInsSalary	Number	13	Rate - Life Ins. Annual Salary
DIVC	szBenefitGroup	String	6	Benefit Group
ANPA	mnSupervisor	Number	8	Supervisor
PGRD	szPayGrade	String	6	Pay Grade
PGRS	szPayGradeStep	String	4	Pay Grade Step
SLOC	szSalaryDataLocality	String	8	Salary Date Locality
NRVW	jdDateNextReview	Date	6	Date - Next Review
TINC	cTypeOfIncreaseNextRev	Char	1	Type of Increase Next Review
HM01	cEEOI9Status	Char	1	EEO - I9 Status
HM02	cEEOVeteran	Char	1	Veteran
HM03	cEEODisabledVeteran	Char	1	EEO - Disabled Veteran
HM04	cEEODisability	Char	1	EEO - Disability
POS	szPositionID	String	8	Position ID
ED01	jdDateUserDefined01	Date	6	Date - User Defined1
ED02	jdDateUserDefined02	Date	6	Date - User Defined2
ED03	jdDateUserDefined03	Date	6	Date - User Defined3
ED04	jdDateUserDefined04	Date	6	Date - User Defined4
ED05	jdDateUserDefined05	Date	6	Date - User Defined5
ED06	jdDateUserDefined06	Date	6	Date - User Defined6
ED07	jdDateUserDefined07	Date	6	Date - User Defined7
ED08	jdDateUserDefined08	Date	6	Date - User Defined8
ED09	jdDateUserDefined09	Date	6	Date - User Defined9
ED10	jdDateUserDefined10	Date	6	Date - User Defined10
ED11	jdDateUserDefined11	Date	6	Date - User Defined11
ED12	jdDateUserDefined12	Date	6	Date - User Defined12

Data Item / Alias	Description	Data Type	Size	Element
ED13	jdDateUserDefined13	Date	6	Date - User Defined13
ED14	jdDateUserDefined14	Date	6	Date - User Defined14
ED15	jdDateUserDefined15	Date	6	Date - User Defined15
ED16	jdDateUserDefined16	Date	6	Date - User Defined16
ED17	jdDateUserDefined17	Date	6	Date - User Defined17
ED18	jdDateUserDefined18	Date	6	Date - User Defined18
ED19	jdDateUserDefined19	Date	6	Date - User Defined19
ED20	jdDateUserDefined30	Date	6	Date - User Defined20
DEPT	szDepartmentCode	String	12	Department Code
FAGE	mnAgeEmployee	Number	3	Age - Employee
FSAL	mnSalaryFixed	Number	15	Rate - Life Ins. Annual Salary
CPMA	mnCompaRatio	Number	5	Compa-Ratio
JOBN	szWorkStationID	String	10	Work Station ID
USER	szUserID	String	10	User ID
PID	szProgramID	String	10	Program ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
BENS	cEmployeeBenefitStatus	Char	1	Employee Benefit Status
FTE	mnFullTimeEquivalents	Number	9	Full Time Equivalents
SMOY	mnMonthsStandardPerYear	Number	5	Periods Paid Per Year

Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060116 table only, from the EnterpriseOne system, the system publishes an event to the XPI system. The RTEMOUT event is a container event activated on the F060116 table trigger and contains all columns from the modified employee master record (F060116) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) the corresponding record from the other table is automatically fetched and included in the container.

Objects that Can Initiate the Event

These objects can initiate the RTEMOUTB event:

- F060116 - Employee Master Information table trigger

- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

RTEMOUTC

RTEMOUTC is a realtime event notification used by EnterpriseOne to notify external systems of changes to employee master records (F060117).

Event Name	<i>RTEMOUTC</i>
Event Description	<i>F060117 Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500873C</i>
Relationship	Included in container event RTEMOUT.

Event Fields

The RTEMOUTC event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
NAMP	szEmployeeName	String	50	Name - Employee
MALP	szBirthName	String	40	Name - Birth
LNGB	szLanguage	String	2	Language
SALU	szSalutation	String	5	Salutation
SUFF	szSuffix	String	5	Suffix
PRNM	szPreferredName	String	20	Preferred Name
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From

Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060117 table only, from the EnterpriseOne system, the system publishes an event to the XPI system. The RTEMOUT event is a container event activated on the F060117 table trigger and contains all columns from the modified employee master record (F060117) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) the corresponding record from the other table is automatically fetched and included in the container.

Objects that Can Initiate the Event

These objects can initiate the RTEMOUTC event:

- F060117 - Employee Master - International Data table trigger
- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

RTEMOUTD

RTEMOUTD is a realtime event notification used by EnterpriseOne to notify external systems of changes to employee master records (F060120).

Event Name	<i>RTEMOUTD</i>
Event Description	<i>F060120 Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500873D</i>
Relationship	Included in container event RTEMOUT.

Event Fields

The RTEMOUTD event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
MSA	cActualMaritalStatus	Char	1	Marital Status - Actual
CTBB	szCountryBirth	String	3	Country - Birth
CTB1	szNationality1st	String	3	Nationality - 1st (Citizenship)

Data Item / Alias	Description	Data Type	Size	Element
CTB2	szNationality2nd	String	3	Nationality - 2nd
CTB3	szNationality3rd	String	3	Nationality - 3rd
JBCX	szJobTitle	String	30	Job Title
CDIJ	jdDateInCurrentJob	Date	6	Date in Current Job
ORMCU	szOrganizationalBusinessUnit	String	12	Organizational Business Unit
LSRD	jdLastSalaryReviewDate	Date	6	Last Compensation Review Date
NSRD	jdNextSalaryReviewDate	Date	6	Next Compensation Review Date
PAPL	mnPerformanceAppraisalLevel	Number	6	Performance Appraisal Level
TIRNK	mnTierRanking	Number	5	Tier/Ranking
TRNKD	jdLastTierRankDate	Date	6	Last Tier/Rank date
JBPCTRQD	mnTotalJobCompetencyPercent	Number	15	Total Job Competency Percent Achieved
LTJCRW	jdLastTotalJobCompetencyReview	Date	6	Last Total Job Competency review date
DATRVW	jdDateLastReviewed	Date	6	Date Last Reviewed
RWTYP	cReviewType	Char	1	Review Type
TINCL	cTypeIncreaseLastReview	Char	1	Type of Increase Next Review

Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060120 table only, from the EnterpriseOne system, the system publishes an event to the XPI system. The RTEMOUT event is a container event activated on the F060120 table trigger and contains all columns from the modified employee master record (F060120) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) the corresponding record from the other table is automatically fetched and included in the container.

Objects that Can Initiate the Event

These objects can initiate the RTEMOUTD event:

- F060120 - Employee Master - Additional Information table trigger
- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

RTPIOUTB

RTPIOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to employee master records (F060116). This message is similar to the message issued by RTEMOUTB and is required for integration with Enterprise Learning Management.

Event Name	<i>RTPIOUTB</i>
Event Description	<i>F060116 Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500881B</i>
Relationship	Included in container event RTPIOUT.

Event Fields

The RTPIOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
SEX	cGender	Char	1	Gender (Male/Female)
IFN	cFirstNameInitial	Char	1	Initial - First Name (Govt Rpts)
DOB	jdDateOfBirth	Date	6	Date - Birth
CCPR	szCountryCode	String	3	Country Code

Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060116 table only, from the EnterpriseOne system, the system publishes an event to the XPI system. The RTPIOUT event is a container event activated within the employee master business function and contains a specific subset of columns, the specific columns from the employee master for the Enterprise message PERSON_BASIC_SYNC, from the modified employee master record (F060116) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116 and F060117) the corresponding record from the other table is automatically fetched and included in the container.

Objects that Can Initiate the Event

These objects can initiate the RTPIOUTB event:

- B0500575 - Employee Master Business Function

- B0500881 - Person Information RTE Notification

RTPIOUTC

RTPIOUTC is a realtime event notification used by the PeopleSoft EnterpriseOne system to notify external systems of changes to employee master records (F060117). This message is similar to the message issued by RTEMOUTC and is required for integration with PeopleSoft Enterprise Learning Management.

Event Name	<i>RTPIOUTC</i>
Event Description	<i>F060117 Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500881C</i>
Relationship	Included in container event RTPIOUT.

Event Fields

The RTPIOUTC event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
LNGP	szLanguage	String	2	Language
SALU	szSalutation	String	5	Salutation
SUFF	szSuffix	String	5	Suffix
PRNM	szPreferredName	String	20	Preferred Name

Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060117 table only, from the EnterpriseOne system, the system publishes an event to the XPI system. The RTPIOUT event is a container event activated within the employee master business function and contains a specific subset of columns, the specific columns from the employee master for the Enterprise message PERSON_BASIC_SYNC, from the modified employee master record (F060117) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116 and F060117) the corresponding record from the other table is automatically fetched and included in the container.

Objects that Can Initiate the Event

These objects can initiate the RTPIOUTC event:

- B0500575 - Employee Master Business Function
- B0500881 - Person Information RTE Notification

Equipment

This section discusses the realtime events generated by the Equipment system.

RTEQPHDR

RTEQPHDR is a single event that is generated by the PeopleSoft EnterpriseOne system to provide equipment information.

Event Name	<i>RTEQPHDR</i>
Event Description	<i>Equipment Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>17</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D1702940</i>
Event Relationship	Included in container event RTEQPOUT.

Event Fields

The RTEQPHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cEventNotificationActionCode	Char	1	Action Code
NUMB	mnF1201NUMB	Numeric	8	Asset Item Number
CO	szF1201CO	String	5	Company
APID	szF1201APID	String	12	Unit or Tag Number
AAID	mnF1201AAID	Numeric	8	Parent Number
ASID	szF1201ASID	String	25	Serial Number

Data Item / Alias	Description	Data Type	Size	Element
SEQ	mnF1201SEQ	Numeric	6,6	Sequence Number
ACL1	szF1201ACL1	String	3	Major Accounting Class
ACL2	szF1201ACL2	String	3	Major Equipment Class
ACL3	szF1201ACL3	String	3	Manufacturer
ACL5	szF1201ACL5	String	3	Usage Miles or Hours
ACL4	szF1201ACL4	String	3	Model Year
MCU	szF1201MCU	String	12	Business Unit
DL01	szF1201DL01	String	30	Description
DL02	szF1201DL02	String	30	Description 02
DL03	szF1201DL03	String	30	Description 03
DSCC	szF1201DSCC	String	40	Description - Compressed
DAJ	jdF1201DAJ	Date	6	Date - Acquired
DSP	jdF1201DSP	Date	6	Date - Disposed or Retired
EQST	szF1201EQST	String	2	Equipment Status
NORU	cF1201NORU	Char	1	New or Used on Acquisition
AESV	mnF1201AESV	Numeric	15,15[2]	Amount - Estimated Salvage Value
ARPC	mnF1201ARPC	Numeric	15,15[2]	Amount - Replacement Cost
ALRC	mnF1201ALRC	Numeric	15.15[2]	Amount - Last Years Replacement Cost
AMCU	szF1201AMCU	String	12	Asset Cost Account - Business Unit
AOBJ	szF1201AOBJ	String	6	Asset Cost Account - Object
ASUB	szF1201ASUB	String	8	Asset Cost Account - Subsidiary
DMCU	szF1201DMCU	String	12	Accumulated Depreciation Account - BU
DOBJ	szF1201DOBJ	String	6	Accumulated Depreciation Account - Object

Data Item / Alias	Description	Data Type	Size	Element
DSUB	szF1201DSUB	String	8	Accumulated Depreciation Account - Sub
XMCU	szF1201XMCU	String	12	Depreciation Expense - BU
XOBJ	szF1201XOBJ	String	6	Depreciation Expense - Object
XSUB	szF1201XSUB	String	8	Depreciation Expense - Subsidiary
ROBJ	szF1201ROBJ	String	6	Asset Revenue - Object
RMCU	szF1201RMCU	String	12	Asset Revenue - Business Unit
RSUB	szF1201RSUB	String	8	Asset Reveue - Subsidiary
ARCQ	mnF1201ARCQ	Numeric	15,15[2]	Asset Item Current Quantity
AROQ	mnF1201AROQ	Numeric	15,15[2]	Asset Item Original Quantity
TXJS	mnF1201TXJS	Numeric	8	Tax Entity
AITY	mnF1201AITY	Numeric	15,15[2]	Amount - Investment Tax Credit
AITP	mnF1201AITP	Numeric	15,15[2]	Amount - Investment Tax Credit PYE
FINC	cF1201FINC	Char	1	Financing Method
ITCO	cF1201ITCO	Char	1	ITC Owned - (Y/N)
PURO	cF1201PURO	Char	1	Purchase Option
APUR	mnF1201APUR	Numeric	15,15[2]	Amount - Purchase Option Price
PURP	mnF1201PURP	Numeric	3,3[3]	Purchase Option Credit Percentage
APOM	mnF1201APOM	Numeric	15,15[2]	Amount - Purchase Option Maximum Credit
LANO	mnF1201LANO	Numeric	8	Address Number - Lessor/Rentor/Mortgagor
JCD	jdF1201JCD	Date	6	Date - Contract Date
DEXJ	jdF1201DEXJ	Date	6	Date - Expired (Julian)
AMF	mnF1201AMF	Numeric	15,15[2]	Amount - Monthly Payment
RMK	szF1201RMK	String	30	Name - Remark

Data Item / Alias	Description	Data Type	Size	Element
RMK2	szF1201RMK2	String	30	Name - Remark
INSP	szF1201INSP	String	25	Insurance Policy Number
INSC	szF1201INSC	String	25	Insurance Company
INSM	mnF1201INSM	Numeric	2	Policy Renewal Month
INSA	mnF1201INSA	Numeric	15,15[2]	Amount - Insurance Premium
AIV	mnF1201AIV	Numeric	15,15[2]	Amount - Insurance Value
INSI	mnF1201INSI	Numeric	7,7	Insurance Value Index (future use)
USER	szF1201USER	String	10	User ID
LCT	jdF1201LCT	Date	6	Date - Last Changed
LOC	szF1201LOC	String	12	Business Unit - Location
ADDS	szF1201ADDS	String	3	State
PID	szF1201PID	String	10	Program ID
EFTB	jdF1201EFTB	Date	6	Date - Beginning Effective
DER	jdF1201DER	Date	6	Date - Expected Return
MSGA	cF1201MSGA	Char	1	Action - Message Control
EX	szF1201EX	String	30	Name - Explanation
EXR	szF1201EXR	String	30	Name - Remark Explanation
AN8	mnF1201AN8	Numeric	8	Address Number
ACL6	szF1201ACL6	String	3	Category Code - F/A 6
ACL7	szF1201ACL7	String	3	Category Code - F/A 7
ACL8	szF1201ACL8	String	3	Category Code - F/A 8
ACL9	szF1201ACL9	String	3	Category Code - F/A 9
ACL0	szF1201ACL0	String	3	Category Code - F/A 10 (Rate Group)
SFC	mnF1201SFC	Numeric	15,15[2]	Standard Fuel Consumption
DADC	szF1201DADC	String	12	Disposal Accumulated Depreciation - BU

Data Item / Alias	Description	Data Type	Size	Element
DADO	szF1201DADO	String	6	Disposal Accumulated Depreciation - Obj
DADS	szF1201DADS	String	8	Disposal Accumulated Depreciation - Sub
UNIT	szF1201UNIT	String	8	Unit
KIT	mnF1201KIT	Numeric	8	Parent (short) Item Number
KITL	szF1201KITL	String	25	Kit - 2nd Item Number
AFE	szF1201AFE	String	12	AFE Number
JBCD	szF1201JBCD	String	6	Job Type (Craft) Code
JBST	szF1201JBST	String	4	Job Step
UN	szF1201UN	String	6	Union Code
SBLI	cF1201SBLI	Char	1	Subledger Inactive Code
UPMJ	jdF1201UPMJ	Date	6	Date - Updated
JOBN	szF1201JOBN	String	10	Work Station ID
UPMT	mnF1201UPMT	Numeric	6	Time - Last Updated
FA0	szF1201FA0	String	3	Category Code - F/A 20
FA1	szF1201FA1	String	3	Category Code - F/A 11
FA2	szF1201FA2	String	3	Category Code - F/A 12
FA3	szF1201FA3	String	3	Category Code - F/A 13
FA4	szF1201FA4	String	3	Category Code - F/A 14
FA5	szF1201FA5	String	3	Category Code - F/A 15
FA6	szF1201FA6	String	3	Category Code - F/A 16
FA7	szF1201FA7	String	3	Category Code - F/A 17
FA8	szF1201FA8	String	3	Category Code - F/A 18
FA9	szF1201FA9	String	3	Category Code - F/A 19
FA21	szF1201FA21	String	10	Category Code - F/A 21
FA22	szF1201FA22	String	10	Category Code - F/A 22

Data Item / Alias	Description	Data Type	Size	Element
FA23	szF1201FA23	String	10	Category Code - F/A 23
WOYN	cF1201WOYN	Char	1	Allow Work Order (Y/N)
CRTL	mnF1201CRTL	Numeric	2	Criticality
WRFL	cF1201WRFL	Char	1	Warranty Flag
WARJ	jdF1201WARJ	Date	6	Date - Warranty Expiration (Julian)
CTR	szF1217CTR	String	3	Country
COOWN	cF1217COOWN	Char	1	Company Owned
MMCU	szF1217MMCU	String	12	Branch
DOCO	mnF1217DOCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szF1217DCTO	String	2	Order Type
KCOO	szF1217KCOO	String	5	Order Company (Order Number)
LNID	mnF1217LNID	Numeric	6,6[3]	Line Number
ORDJ	jdF1217ORDJ	Date	6	Date - Ordered (Julian)
SHPJ	jdF1217SHPJ	Date	6	Date - Shipped (Julian)
ADDJ	jdF1217ADDJ	Date	6	Date - Actual Ship Date
SHAN	mnF1217SHAN	Numeric	8	Address Number - Ship To
PA8	mnF1217PA8	Numeric	8	Address Number - Parent
SLSM	mnF1217SLSM	Numeric	8	Salesperson 01
ANOB	mnF1217ANOB	Numeric	8	Address Number - Owner Billing
RORN	szF1217RORN	String	8	Related PO/SO/WO Number
RCTO	szF1217RCTO	String	2	Related PO/SO/WO Order Type
STRX	jdF1217STRX	Date	6	Date - Completion (Julian)
VEND	mnF1217VEND	Numeric	8	Primary / Last Supplier Number
OORN	szF1217OORN	String	8	Original Order Number
OCTO	szF1217OCTO	String	2	Original Order Type

Data Item / Alias	Description	Data Type	Size	Element
OKCO	szF1217OKCO	String	5	Document Company (Original Order)
SFXO	szF1217SFXO	String	3	Order Suffix
OGNO	mnF1217OGNO	Numeric	7,7[3]	Original Line Number
PRODF	szF1217PRODF	String	8	Product Family
PRODM	szF1217PRODM	String	8	Product Model
PRODC	szF1217PRODC	String	10	Product Component
CMOD	szF1217CMOD	String	25	Configured Model
SYEM	szF1217SYEM	String	36	Install Key
VINNU	szF1217VINNU	String	30	Vehicle Identification Number
REFN	szF1217REFN	String	30	Reference Number
ZE01	szF1217ZE01	String	10	Category Code - Equipment 01
ZE02	szF1217ZE02	String	10	Category Code - Equipment 02
ZE03	szF1217ZE03	String	10	Category Code - Equipment 03
ZE04	szF1217ZE04	String	10	Category Code - Equipment 04
ZE05	szF1217ZE05	String	10	Category Code - Equipment 05
ZE06	szF1217ZE06	String	10	Category Code - Equipment 06
ZE07	szF1217ZE07	String	10	Category Code - Equipment 07
ZE08	szF1217ZE08	String	10	Category Code - Equipment 08
ZE09	szF1217ZE09	String	10	Category Code - Equipment 09
ZE10	szF1217ZE10	String	10	Category Code - Equipment 10
URCD	szF1217URCD	String	2	User Reserved Code
URDT	jdF1217URDT	Date	6	User Reserved Date
URAT	mnF1217URAT	Numeric	15,15[2]	User Reserved Amount
URAB	mnF1217URAB	Numeric	8	User Reserved Number
URRF	szF1217URRF	String	15	User Reserved Reference
CRTU	szF1217CRTU	String	10	Created by user

Data Item / Alias	Description	Data Type	Size	Element
USER	szF1217USER	String	10	User ID
PID	szF1217PID	String	10	Program ID
JOB	szF1217JOB	String	10	Work Station ID
UPMJ	jdF1217UPMJ	Date	6	Date - Updated
UPMT	mnF1217UPMT	Numeric	6	Time - Last Updated
LOTN	szF1217LOTN	String	30	Lot/Serial Number
LOCN	szF1217LOCN	String	20	Location
WOD	mnF1217WOD	Numeric	8	Work Order Number
BREV	szF1217BREV	String	3	Bill Revision Level
EFFD	jdF1217EFFD	Date	6	Effective - From Date
AN8DL	mnF1217AN8DL	Numeric	8	Default Dealer
TERMYN	cF1217TERMYN	Char	1	Terms Accepted Flag
SATYP	szF1217SATYP	String	3	Sales Type
AN8AS	mnF1217AN8AS	Numeric	8	Assessor Number
INSDTE	jdF1217INSDTE	Date	6	In Service Date
MCU	szF1217MCU	String	12	Business Unit
MRRYN	cF1217MRRYN	Char	1	Meter Reading Required
REGSTS	szF1217REGSTS	String	3	Registration Status
VMRS31	szF1217VMRS31	String	2	Component Code - System
VMRS32	szF1217VMRS32	String	8	Component Code - Assembly
VMRS34	szF1217VMRS34	String	10	Manufacturer
AN8DR	mnF1217AN8DR	Numeric	8	Distributor
EQPN	mnF1217EQPN	Numeric	8	Equipment Parts Number

Conceptual Approach

An equipment record added, modified or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Asset Master File table (F1201) and the Equipment Master Extension table (F1217).

Objects that Can Initiate the Event

These objects can initiate the RTEQPHDR event:

- N120010 - F1201 Process Master Data
- N120090 - F1217 Process Master Data

Financials

This section discusses the realtime events generated by the Financial Management system.

RTAMOUT

RTAMOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of item additions, changes, or deletions of accounts in order to keep the two systems synchronized.

Event Name	<i>RTAMOUT</i>
Event Description	<i>RTAMOUT</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H09</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0900170B</i>

Event Fields

The RTAMOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
EV01	EnterpriseOne Event Point 01	Char	1	EventAction
CO	Company	String	5	Company
AID	Account ID	String	8	AccountId
MCU	Business Unit	String	12	BusinessUnit
OBJ	Object Account	String	6	ObjectAccount
SUB	Subsidiary	String	8	Subsidiary
DL01	Description	String	30	Description

Data Item / Alias	Description	Data Type	Size	Element
PEC	Posting Edit	Char	1	PostingEditCode
LN GP	Language	String	2	LanguageCode
DL01	Description	String	30	AlternateDescription
EV01	J.D. EnterpriseOne Event Point 01	Char	1	FutureUseFlag
INT01	Integer 01 - EnterpriseOne	Integer	4	FutureUseInteger
MATH01	Math Numeric 01	Numeric	15	FutureUseMathNumeric
VC30A	Video Constant A - length 30	String	30	FutureUseString
ANS	Account Number - 3rd	String	25	AccountNumber3rd
LDA	Account Level of Detail	Char	1	LevelOfDetailAcctCode
BPC	Budget Pattern Code	String	3	BudgetPatternCode
BILL	Billable (Y/N)	Char	1	BillableYN
CRCD	Currency Code - From	String	3	CurrencyCodeFrom
UM	Unit of Measure	String	2	UnitOfMeasure
R001	Category Code G/L1	String	3	CategoryCodeGl001
R002	Category Code - G/L2	String	3	CategoryCodeGl002
R003	Category Code G/L3	String	3	CategoryCodeGl003
R004	Category Code G/L4	String	3	CategoryCodeGl004
R005	Category Code G/L5	String	3	CategoryCodeGl005
R006	Category Code G/L6	String	3	CategoryCodeGl006
R007	Category Code G/L7	String	3	CategoryCodeGl007
R008	Category Code G/L8	String	3	CategoryCodeGl008
R009	Category Code G/L9	String	3	CategoryCodeGl009
R010	Category Code G/L10	String	3	CategoryCodeGl010
R011	Category Code G/L11	String	3	CategoryCodeGl011
R012	Category Code G/L12	String	3	CategoryCodeGl012
R013	Category Code G/L13	String	3	CategoryCodeGl013

Data Item / Alias	Description	Data Type	Size	Element
R014	Category Code G/L14	String	3	CategoryCodeGl014
R015	Category Code G/L15	String	3	CategoryCodeGl015
R016	Category Code G/L16	String	3	CategoryCodeGl016
R017	Category Code G/L17	String	3	CategoryCodeGl017
R018	Category Code G/L18	String	3	CategoryCodeGl018
R019	Category Code G/L19	String	3	CategoryCodeGl019
R020	Category Code G/L20	String	3	CategoryCodeGl020
R021	Category Code G/L 021	String	10	CategoryCodeGl021
R022	Category Code G/L 022	String	10	CategoryCodeGl022
R023	Category Code G/L 023	String	10	CategoryCodeGl023
OBJA	Object Account - Alternate	String	6	ObjectAccountAlternate
SUBA	Subsidiary - Alternate	String	8	SubsidiaryAlternate
WCMP	Worker's Comp. Insurance Code	String	4	WorkersCompInsurCode
CCT	Method of Computation	Char	1	MethodOfComputation
ERC	Equipment Rate Code	String	2	EquipmentRateCode
HTC	Header Type Code	Char	1	HeaderTypeCode
QLDA	Quantity Roll-Up Level	Char	1	LodQuantityRollupCode
CCC	Cost Code Complete (Y/N)	Char	1	CostCodeComplete
FMOD	Model Accounts and Consolidation	Char	1	ModelAccountsandConsolid
USER	User ID	String	10	UserId
PID	Program ID	String	10	ProgramId
JOBN	Work Station ID	String	10	WorkStationId
UPMJ	Date - Updated	Date	6	DateUpdated
UPMT	Time - Last Updated	Numeric	6	TimeLastUpdated
CEC1	Cost Object Edit Code 01	Char	1	CostObjectEditCode01
CEC2	Cost Object Edit Code 02	Char	1	CostObjectEditCode02

Data Item / Alias	Description	Data Type	Size	Element
CEC3	Cost Object Edit Code 03	Char	1	CostObjectEditCode03
CEC4	Cost Object Edit Code 04	Char	1	CostObjectEditCode04
IEC	Item Edit Code	Char	1	ItemEditCode
FPEC	Fixed Asset Posting Edit Code	Char	1	FixedAssetPostingEditCode
STPC	Type Code	Char	1	TypeCode9
TXGL	GL Account Taxable Flag	Char	1	GLAccountTaxable
TOBJ	Target Object Account	String	6	TargetObjectAccount
TSUB	Target Subsidiary	String	8	TargetSubsidiary
PRGF	Purge Flag	Char	1	PurgeFlag
TXA1	Tax Rate/Area	String	10	TaxArea1
R024	Category Code G/L 024	String	10	CategoryCodeGl024
R025	Category Code G/L 025	String	10	CategoryCodeGl025
R026	Category Code G/L 026	String	10	CategoryCodeGl026
R027	Category Code G/L 027	String	10	CategoryCodeGl027
R028	Category Code G/L 028	String	10	CategoryCodeGl028
R029	Category Code G/L 029	String	10	CategoryCodeGl029
R030	Category Code G/L 030	String	10	CategoryCodeGl030
R031	Category Code G/L 031	String	10	CategoryCodeGl031
R032	Category Code G/L 032	String	10	CategoryCodeGl032
R033	Category Code G/L 033	String	10	CategoryCodeGl033
R034	Category Code G/L 034	String	10	CategoryCodeGl034
R035	Category Code G/L 035	String	10	CategoryCodeGl035
R036	Category Code G/L 036	String	10	CategoryCodeGl036
R037	Category Code G/L 037	String	10	CategoryCodeGl037
R038	Category Code G/L 038	String	10	CategoryCodeGl038
R039	Category Code G/L 039	String	10	CategoryCodeGl039

Data Item / Alias	Description	Data Type	Size	Element
R040	Category Code G/L 040	String	10	CategoryCodeGl040
R041	Category Code G/L 041	String	10	CategoryCodeGl041
R042	Category Code G/L 042	String	10	CategoryCodeGl042
R043	Category Code G/L 043	String	10	CategoryCodeGl043

Conceptual Approach

A new general ledger account added in the PeopleSoft EnterpriseOne system creates a new record in the Account Master (F0901) table. The user can create an alternate description for this account by language preference that is stored in the Account Master - Alternate Description (F0901D) table. If an account is added or modified in a system, the information is sent to a third-party system for add or update. If an account is deleted, the pertinent information is sent to the third-party, which will take the appropriate action. If applicable, the third-party integration must update the cross-reference table in the process in order to tie together the key values from both systems.

Objects that Can Initiate the Event

These objects can initiate the RTAMOUT event:

- P0901 - Accounts
- R0006QD - Update F0901 as Model Base on Table F0006
- R09803 - Global Account Number Update
- R09805 - Global Subsidiary Update
- R09813 - Change Account Information
- R09814 - Delete Account Master Records
- R10861 - Delete Prior Consolidation
- B0900053 - Duplicate Business Unit
- B0900073 - Dynamic Account Creation
- B0900075 - F0901D Update Account Translation
- B0900077 - F0901D Edit Account Translation
- B0900155 - Delete Account F0901/F0901D/F0902/F0911 Records
- B1400009 - Global Budget Pattern Code Update

RTCROUT

RTCROUT is used by the PeopleSoft EnterpriseOne system to notify third-party systems of currency exchange rate additions, changes, or deletions.

Event Name	<i>RTCROUT</i>
Event Description	<i>RTCROUT</i>
Event Type	<i>RTE</i>

Event Category	<i>Single</i>
Product Code	<i>H09</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0900200B</i>

Event Fields

The RTCROUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
CRCD	szCurrencyCodeFrom	String	3	Currency Code From
CRDC	szCurrencyCodeTo	String	3	Currency Code To
AN8	mnAddressNumber	Numeric	8	Address Number
RTTYP	szCurrencyRateType	String	2	Currency Rate Type
EFT	jdDateEffective	Date	6	Date Effective
CLMETH	cCalculationMethod	Char	1	Calculation Method
CRCM	cCurrencyConversionMethod	Char	1	Currency Conversion Method Y/Z
TRCR	szTriangulationCurrency	Char	3	Triangulation Currency Code
CRR	mnCurrencyConverRateMultOv	Numeric	15[7]	Currency Conversion Rate - Multiplier
CRRD	mnCurrencyConverRateDiv	Numeric	15[7]	Currency Conversion Rate - Divisor
CSR	cCurrencySpotRate	Char	1	Currency Spot Rate Flag
USER	szUserID	String	10	User ID
PID	szProgramID	String	10	Program ID
JOBN	szWorkStationID	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated

Conceptual Approach

When a user adds, modifies, or deletes a currency exchange rate in the PeopleSoft EnterpriseOne system, the system updates the Currency Exchange Rate table (F0015) and publishes the RTCROUT event to the XPI system. This event contains all columns from the modified currency exchange rate record and an action code specifying what action was performed on the data (add, change, or delete).

Objects that Can Initiate the Event

These objects can initiate the RTCROUT event:

- F0015 - Currency Exchange Rates table trigger
- P0015A - Currency Exchange Rates
- R11153 - Calculate Currency Cross Rate
- B0900200 - Currency Exchange Rates Real Time Event Notification

RTRAOUT

RTRAOUT is a container event that provides AP Payment Remittance information to third-party system. RTRAOUT is an aggregate event that contains these single events:

RTRAHDR - contains AP Payment Remittance Advice header information that can be used by another system.

RTRADTL - contains AP Payment Remittance Advice detail information that can be used by another system.

Event Name	<i>RTRAOUT</i>
Event Description	<i>RTRAOUT Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTRAHDR (D0400169A) RTRADTL (D0400169B)
Product Code	<i>04</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0400169: Remittance Advice Real Time Event Notification</i>

Event Fields

The RTRAOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PYID	mnPaymentID	Numeric	15	Payment
AN8	mnBillTo	Numeric	8	Bill To
ALKY	szBillToDescriptive	String	20	Bill To Descriptive

Data Item / Alias	Description	Data Type	Size	Element
PA8	mnParentPayee	Numeric	8	Parent Payee
ALKY	szParentPayeeDescriptive	String	20	Parent Payee Descriptive
AN8	mnPayee	String	8	Payee
ALKY	szPayeeDescriptive	String	20	Payee Descriptive
CRCO	szCurrencyCode	String	3	Currency Code
PAAP	mnTotalPaymentAmount	Numeric	15	Total Payment Amount
ADSA	mnTotalDiscountAmount	Numeric	15	Total Discount Amount
DGJ	jdPaymentDate	Date	6	Payment Date
DOCM	mnCheckNumber	Numeric	8	Check Number
CBNK	szFromAccountNumber	String	20	From Bank Account Number
TSNT	szFromTransitNumber	String	20	From Transit Number
PYIN	cPaymentInstrument	String	1	Payment Instrument
CBNK	szToAccountNumber	String	20	To Bank Account Number
TSNT	szToTransitNumber	String	20	To Transit Number
MCU	szBranchPlant	char	12	Business Unit

Conceptual Approach

An A/P payment made in the PeopleSoft EnterpriseOne system updates new records in the Accounts Payable - Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables. A realtime notification event is triggered in the A/P Payments system after this payment is made in EnterpriseOne tables.

The Send Method field (A6CRMD) in the Supplier Master (F0401) table controls whether EnterpriseOne sends a RemittanceAdviceNotify realtime event notification when RTRAOUT is enabled. A realtime event notification is sent only if the supplier has a value of 5 in the Send Method field.

Objects that Can Initiate the Event

These objects can initiate the RTRAOUT event:

- B0400016 - A/P Payments Master Business Function
- B0400169 - Remittance Advice Real-Time Event Notification
- B0400047 - Voucher Entry Master Business Function
- P0413M - A/P Manual Payments
- N0400061 - Remittance Advice Notification For Manual Payments

Special Setup

Suppliers who want to receive remittance advice notification must be set up to receive external events. To receive external events, set Send Methods equal to 5 (External Events) on the EDI information tab in the Supplier Master program (P04012).

RTRAHDR

RTRAHDR is a single event that contains A/P Payment Remittance Advice header information that can be used by another system.

Event Name	<i>RTRAHDR</i>
Event Description	<i>RTRAOUT Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>04</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0400169A: Remittance Advice Header</i>
Event Relationship	Included in container event RTRAOUT.

Event Fields

The RTRAHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PYID	mnPaymentID	Numeric	15	Payment
AN8	mnBillTo	Numeric	8	Bill To
ALKY	szBillToDescriptive	String	20	Bill To Descriptive
PA8	mnParentPayee	Numeric	8	Parent Payee
ALKY	szParentPayeeDescriptive	String	20	Parent Payee Descriptive
AN8	mnPayee	String	8	Payee
ALKY	szPayeeDescriptive	String	20	Payee Descriptive
CRCD	szCurrencyCode	String	3	Currency Code
PAAP	mnTotalPaymentAmount	Numeric	15	Total Payment Amount
ADSA	mnTotalDiscountAmount	Numeric	15	Total Discount Amount
DGJ	jdPaymentDate	Date	6	Payment Date

Data Item / Alias	Description	Data Type	Size	Element
DOCM	mnCheckNumber	Numeric	8	Check Number
CBNK	szFromAccountNumber	String	20	From Bank Account Number
TSNT	szFromTransitNumber	String	20	From Transit Number
PYIN	cPaymentInstrument	String	1	Payment Instrument
CBNK	szToAccountNumber	String	20	To Bank Account Number
TSNT	szToTransitNumber	String	20	To Transit Number

Conceptual Approach

An A/P payment made in the PeopleSoft EnterpriseOne system updates new records in the Accounts Payable - Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables. A realtime notification event is triggered in the A/P Payments system after payment is made in PeopleSoft EnterpriseOne tables.

Objects that Can Initiate the Event

These objects can initiate the RTRAHDR event:

- B0400016 - A/P Payments Master Business Function
- B0400169 - Remittance Advice Real-Time Event Notification
- B0400047 - Voucher Entry Master Business Function
- P0413M - A/P Manual Payments
- N0400061 - Remittance Advice Notification For Manual Payments

RTRADTL

RTRADTL is a single event that contains A/P Payment Remittance Advice detail information that can be used by another system.

Event Name	<i>RTRADTL</i>
Event Description	<i>RTRAOUT Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>04</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0400169B: Remittance Advice Detail</i>
Event Relationship	Included in container event RTRAOUT.

Event Fields

The RTRADTL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PYID	mnPaymentID	Numeric	15	Payment ID
RC5	mnPaymentLineNumber	Numeric	5	Payment Line Number
VINV	szSupplierInvoiceNumber	String	25	Supplier Invoice Number
RMK	szRemark	String	30	Remark
DOC	mnDocumentNumber	Numeric	8	Document Number
DCT	szDocumentType	String	2	Document Type
KCO	szDocumentCompany	String	5	Document Co.
PAAP	mnPaymentAmount	Numeric	15	Payment Amount
ADSA	mnDiscountAmount	Numeric	15	Discount Amount
DIVJ	jdInvoiceDate	Date	6	Date of Invoice
MCU	szBranchPlant	Char	12	Business Unit

Conceptual Approach

An A/P payment made in the PeopleSoft EnterpriseOne system updates new records in the Accounts Payable - Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables. A detailed realtime notification event is triggered in the A/P Payments System after a payment is made in PeopleSoft EnterpriseOne tables.

Objects that Can Initiate the Event

These objects can initiate the RTRADTL event:

- B0400016 - A/P Payments Master Business Function
- B0400169 - Remittance Advice Real Time Event Notification
- B0400047 - Voucher Entry Master Business Function
- P0413M - A/P Manual Payments
- N0400061 - Remittance Advice Notification For Manual Payments

RTDAOUT

RTDAOUT is used by the PeopleSoft EnterpriseOne system to provide Accounts Receivable deduction information to third-party systems.

Event Name *RTDAOUT*

Event Description	<i>RTDAOUT</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTDADTL (D03B0208B)
Product Code	<i>H03B</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

The RTDAOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	CActionCode	Char	1	Action Code.
DCID	DeductionId	Numeric	15	Deduction ID of record
DDDO	Deduction Opened Date	Date	6	
DDOA	Deduction Open Amount	Numeric	15	
AN8	Address Book Number	Numeric	8	
CRCD	Currency Code	String	3	
DDEX	Deduction Reason Code	String	2	
SPHD	Special Handling Reason Code	String	10	

Conceptual Approach

Deduction processing creates a new record in the A/R Deduction Management (F03B40) table. The R45730 program is run to select the appropriate deduction records and to trigger a realtime notification for the XPI integration. The XPI integration then publishes a notify event indicating that deductions were created in the A/R Deduction Management table. This event contains the recently selected deduction and its pertinent information.

Objects that Can Initiate the Event

Extract and Export Open Siebel Deductions (R45730) calls the realtime event wrapper, Deductions Activity Real Time Event Notification (B03B0208), to initiate the realtime event.

RTDADTL

RTDADTL is used by the PeopleSoft EnterpriseOne system to provide Accounts Receivable deduction information to third-party systems.

Event Name	<i>RTDADTL</i>
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Event Description	<i>RTDADTL</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H03B</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D03B0208B</i> : Deduction Activity Record
Event Relationship	Included in container event RTDAOUT.

Event Fields

The RTDADTL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
DCID	DeductionId	Numeric	15	Deduction ID of record
DDDO	Deduction Opened Date	Date	6	Deduction Opened Date
DDOA	Deduction Open Amount	Numeric	15	Deduction Open Amount
AN8	Address Book Number	Numeric	8	Address Book Number
CRCD	Currency Code	String	3	Currency Code
DDEX	Deduction Reason Code	String	2	Deduction Reason Code
SPHD	Special Handling Reason Code	String	10	

Conceptual Approach

Deduction processing creates a new record in the A/R Deduction Management (F03B40) table. The R45730 program is run to select the appropriate deduction records and to trigger a realtime notification for the XPI integration. The XPI integration then publishes a notify event indicating that deductions were created in the A/R Deduction Management table. This event contains the recently selected deduction and its pertinent information.

Objects that Can Initiate the Event

Extract and Export Open Siebel Deductions (R45730) calls the realtime event wrapper, Deductions Activity Real Time Event Notification (B03B0208), to initiate the realtime event.

Human Resources

This section discusses the realtime events generated by the Human Resources system.

RTSLHDR

RTSLHDR is a realtime event notification used by EnterpriseOne to notify external systems of changes to competency scales header records (F05103).

Event Name	<i>RTSLHDR</i>
Event Description	<i>Scales Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500871B</i>
Relationship	Included in container event RTSLOUT.

Event Fields

The RTSLHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
SCLE	szScale	String	10	Scale
SCLL	mnLowValue	Numeric	6	Low Value
SCLH	mnHighValue	Numeric	6	High Value
DL01	szDescription001	String	30	Description
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated

Conceptual Approach

When a user adds, modifies, or deletes scales data from the EnterpriseOne Human Resources system, the system publishes an event to the XPI system. This container event, RTSLOUT, contains two single events RTSLHDR and RTSLDTL. The RTSLHDR event contains all columns from the modified scales header record (F05103) and an action code specifying what action was performed on the data (added, changed, deleted). The RTSLDTL event contains all columns from the modified scales detail record (F05119) and an action code specifying what action was performed on the data.

Objects that Can Initiate the Event

These objects can initiate the RTSLHDR event:

- P05103 - Scale Information
- B0500871 - Scales Real Time Event Notification

RTSLDTL

RTSLDTL is a realtime event notification used by EnterpriseOne to notify external systems of changes to competency scales detail records (F05119).

Event Name	<i>RTSLDTL</i>
Event Description	<i>Scales Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500871C</i>
Relationship	Included in container event RTSLOUT.

Event Fields

The RTSLDTL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
SCLE	szScale	String	10	Scale
SCLL	mnLowValue	Numeric	6	Low Value
SCLH	mnHighValue	Numeric	6	High Value
DL01	szDescription001	String	30	Description
USER	szUserId	String	10	User ID

Data Item / Alias	Description	Data Type	Size	Element
PID	szProgramId	String	10	Program ID
JOBID	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated

Conceptual Approach

When a user adds, modifies, or deletes scales data from the EnterpriseOne Human Resources system, the system publishes an event to the XPI system. The container event RTSLOUT contains two single events RTSLHDR and RTSLDTL. The RTSLHDR event contains all columns from the modified scales header record (F05103) and an action code specifying what action was performed on the data (added, changed, deleted). The RTSLDTL event contains all columns from the modified scales detail record (F05119) and an action code specifying what action was performed on the data.

Objects that Can Initiate the Event

These objects can initiate the RTSLDTL event:

- P05103 - Scale Information
- B0500871 - Scales Real Time Event Notification

RTRCHDR

RTRCHDR is a realtime event notification used by EnterpriseOne to notify external systems of changes to resource competency header records (F05100).

Event Name	<i>RTRCHDR</i>
Event Description	<i>Resource Competency Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500872B</i>
Relationship	Included in container event RTRCOUT.

Event Fields

The RTRCHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
RRTY	szResourceType	String	2	Resource Type
AN8	mnAddressNumber	Numeric	8	Address Number
CMPE	szCompetencyType	String	3	Competency Type
CMPC	szCompetencyCode	String	10	Competency Code
CMPV	mnCompetencyLevel	Numeric	6	Competency Level
CMPX	jdExpirationDate	Date	6	Expiration Date
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated
ACTN	cActionCode	Char	1	Action Code

Conceptual Approach

When a user adds, modifies, or deletes resource competency data from the EnterpriseOne Human Resources system, the system publishes an event to the XPI system. The container event RTRCOUT contains one single event RTRCHDR. The RTRCHDR event contains all columns from the modified resource competency header record (F05100) and an action code specifying what action was performed on the data (added, changed, deleted). Current integrations do not require synchronization of detail data. However, realtime event business function (B0500872) has been designed to implement this functionality in the future if required.

Objects that Can Initiate the Event

These objects can initiate the RTRCHDR event:

- F05100 - Resource Competency
- B0500872 - Resource Competency Real Time Event Notification

RTCPOUTB

RTCPOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to competency master records (F05104).

Event Name	<i>RTCPOUTB</i>
Event Description	<i>Competency Master</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>

Product Code	<i>05</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0500870B</i>
Relationship	Included in container event RTRCOUT.

Event Fields

The RTCPOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
CMPE	szCompetencyType	String	3	Competency Type
CMPC	szCompetencyCode	String	10	Competency Code
CCSL	szCompetencyClass	String	10	Competency Class
DL01	szDescription001	String	30	Description
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated
ACCOMP	cAutoCalculateCompetency	Char	1	Auto Calculate Competency

Conceptual Approach

When a user adds, modifies, or deletes competency master data from the EnterpriseOne Human Resources system, the system publishes an event to the XPI system. The container event RTRCOUT contains one single event RTCPOUTB. The RTCPOUTB event contains all columns from the modified competency master record (F05104) and an action code specifying what action was performed on the data (added, changed, deleted).

Objects that Can Initiate the Event

These objects can initiate the RTCPOUTB event:

- F05104 - Competency Master
- B0500870 - Competency Real Time Event Notification

RTJBOUTB

RTJBOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to job information records (F08001).

Event Name	<i>RTJBOUTB</i>
Event Description	<i>Job Information</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>08</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0800630B</i>
Relationship	Included in container event RTJBOUT.

Event Fields

The RTJBOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
JGRP	szJobGroup	String	6	Job Group
JBCD	szJobCategory	String	6	Job Type (Craft) Code
JBST	szJobStep	String	4	Job Step
DL01	szDescription001	String	30	Description
SALY	cPayClassHSP	Char	1	Pay Class (H/S/P)
PGRD	szPayGrade	String	6	Pay Grade
PFRQ	cPayFrequency	Char	1	Pay Frequency
EEOJ	szJobCategoryEeo	String	3	Job Category (EEO)
WCMP	szWorkersCompInsurCode	String	4	Worker's Comp. Insurance Code
WET	cFloatCode	Char	1	Sub Class - Workers Comp
FLSA	cFlsaExemptYN	Char	1	FLSA Exempt Y/N
DIVC	szBenefitGroup	String	6	Benefit Group
UN	szUnionCode	String	6	Union Code

Data Item / Alias	Description	Data Type	Size	Element
EMET	szJobEvaluationMethod	String	4	Job Evaluation Method
EVD	jdDateJobEvaluationPoints	Date	6	Date - Job Evaluation (Julian)
EPNT	mnJobEvaluationPoints	Number	5	Job Evaluation Points
D001	mnEvalFactorDegrees001	Number	5	Job Evaluation Factor-Points in Degr 001
D002	mnEvalFactorDegrees002	Number	5	Job Evaluation Factor-Points in Degr 002
D003	mnEvalFactorDegrees003	Number	5	Job Evaluation Factor-Points in Degr 003
D004	mnEvalFactorDegrees004	Number	5	Job Evaluation Factor-Points in Degr 004
D005	mnEvalFactorDegrees005	Number	5	Job Evaluation Factor-Points in Degr 005
D006	mnEvalFactorDegrees006	Number	5	Job Evaluation Factor-Points in Degr 006
D007	mnEvalFactorDegrees007	Number	5	Job Evaluation Factor-Points in Degr 007
D008	mnEvalFactorDegrees008	Number	5	Job Evaluation Factor-Points in Degr 008
D009	mnEvalFactorDegrees009	Number	5	Job Evaluation Factor-Points in Degr 009
D010	mnEvalFactorDegrees010	Number	5	Job Evaluation Factor-Points in Degr 010
PT01	mnJobEvalFactorPnts001	Number	5	Job Evaluation Points per Factor 01
PT02	mnJobEvalFactorPnts002	Number	5	Job Evaluation Points per Factor 02
PT03	mnJobEvalFactorPnts003	Number	5	Job Evaluation Points per Factor 03
PT04	mnJobEvalFactorPnts004_2	Number	5	Job Evaluation Points per Factor 04
PT05	mnJobEvalFactorPnts005	Number	5	Job Evaluation Points per Factor 05
PT06	mnJobEvalFactorPnts006	Number	5	Job Evaluation Points per Factor 06

Data Item / Alias	Description	Data Type	Size	Element
PT07	mnJobEvalFactorPnts007	Number	5	Job Evaluation Points per Factor 07
PT08	mnJobEvalFactorPnts008	Number	5	Job Evaluation Points per Factor 08
PT09	mnJobEvalFactorPnts009	Number	5	Job Evaluation Points per Factor 09
PT10	mnJobEvalFactorPnts010	Number	5	Job Evaluation Points per Factor 10
P001	szReportingCodesPayro001	String	3	Category Codes - Payroll1
P002	szReportingCodesPayro002	String	3	Category Codes - Payroll2
P003	szReportingCodesPayro003	String	3	Category Codes - Payroll3
P004	szReportingCodesPayro004	String	3	Category Codes - Payroll4
P005	szReportingCodesPayro005	String	3	Category Codes - Payroll5
P006	szReportingCodesPayro006	String	3	Category Codes - Payroll6
P007	szReportingCodesPayro007	String	3	Category Codes - Payroll7
P008	szReportingCodesPayro008	String	3	Category Codes - Payroll8
P009	szReportingCodesPayro009_2	String	3	Category Codes - Payroll9
P010	szReportingCodesPayro010	String	3	Category Codes - Payroll10
FE01	szFactorEvaluationCode01	String	10	Factor Evaluation Code 1
FE02	szFactorEvaluationCode02	String	10	Factor Evaluation Code 2
FE03	szFactorEvaluationCode03_2	String	10	Factor Evaluation Code 3
FE04	szFactorEvaluationCode04_2	String	10	Factor Evaluation Code 4
FE05	szFactorEvaluationCode05	String	10	Factor Evaluation Code 5
FE06	szFactorEvaluationCode06	String	10	Factor Evaluation Code 6
FE07	szFactorEvaluationCode07	String	10	Factor Evaluation Code 7
FE08	szFactorEvaluationCode08	String	10	Factor Evaluation Code 8
FE09	szFactorEvaluationCode09	String	10	Factor Evaluation Code 9
FE10	szFactorEvaluationCode010	String	10	Factor Evaluation Code 10

Data Item / Alias	Description	Data Type	Size	Element
FW01	mnFactorWeightPercent01	Number	5	Factor Weight % 1
FW02	mnFactorWeightPercent02	Number	5	Factor Weight % 2
FW03	mnFactorWeightPercent03	Number	5	Factor Weight % 3
FW04	mnFactorWeightPercent04	Number	5	Factor Weight % 4
FW05	mnFactorWeightPercent05	Number	5	Factor Weight % 5
FW06	mnFactorWeightPercent06	Number	5	Factor Weight % 6
FW07	mnFactorWeightPercent07	Number	5	Factor Weight % 7
FW08	mnFactorWeightPercent08	Number	5	Factor Weight % 8
FW09	mnFactorWeightPercent09	Number	5	Factor Weight % 9
FW10	mnFactorWeightPercent10	Number	5	Factor Weight % 10
JSTA	szJobStatusCode	String	3	Job Status Code
EFTB	jdDateBeginningEffective	Date	6	Date - Beginning Effective
EFTE	jdDateEndingEffective	Date	6	Date - Ending Effective
USER	szUserID	String	10	User ID
PID	szProgramID	String	10	Program ID
JOBN	szWorkStationID	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
PGRS	szPayGradeStep	String	4	Job information
CENC	szNOCCanEmpEquity	String	4	NOC - Can Emp Equity
STCR	szStatusChangeReason	String	3	Status Change Reason

Conceptual Approach

When a user adds, modifies, or deletes job information data from the EnterpriseOne Human Resources system, the system publishes an event to the XPI system. The container event RTJBOUT contains one single event RTJBOUTB. The RTJBOUTB event contains all columns from the modified job information record (F08001) and an action code specifying what action was performed on the data (added, changed, deleted).

Objects that Can Initiate the Event

These objects can initiate the RTJBOUTB event:

- P08001 - Job Entry and Evaluation

- P08JC - Category Codes Window
- P08001US - Job Entry U.S. Legislative/Regulatory Data
- P08001CA- Job Entry Canadian Legislative/Regulatory Data
- P050011 - Job Evaluation
- B0800630 - Jobs Real Time Event Notification

RTJDOUTB

RTJDOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to competency based job description records.

Event Name	<i>RTJDOUTB</i>
Event Description	<i>Competency Based Job Description</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>08</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0800740B</i>
Relationship	Included in container event RTJDOUT.

Event Fields

The RTJDOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
EFT	jdEffectiveDate	Date	11	Effective Date
OTPS	szOrganizationType	String	3	Organization Type
ORMCU	szOrganizationalBusinessUnit	String	12	Organizational Business Unit
JBCD	szJobType	String	6	Job Type
JBST	szJobStep	String	4	Job Step
JCC	szJobCompetencyCode	String	10	Job Competency Code
COPTN	szOptionNumber	String	3	Option Number
CMPE	szCompetencyType	String	3	Competency Type

Data Item / Alias	Description	Data Type	Size	Element
CMPC	szCompetencyCode	String	10	Competency Code
LVWT	mnCompetencyLevelRuleWeight	Number	5	Competency Level Rule Weight
REQL	mnRequiredLevel	Number	6	Required Level
HIGHC	mnCompLevelAcceptableHigh	Number	6	Comp Level Acceptable High
LOWC	mnCompLevelAcceptableLow	Number	6	Comp Level Acceptable Low
RULEN	mnRuleNumber	Number	6	Rule Number
EFTB	jdEffectiveBeginDate	Date	11	Effective Begin Date
EFTE	jdEffectiveEndDate	Date	11	Effective End Date
PFMTH	cPreferredMethod	Char	1	Preferred Method
JCCS	szJobCompetencyCodeSource	String	63	Job Competency Code Source
OVREX	cOverridesExistFlag	Char	1	Overrides Exist Flag
INCLG	mnIncludeInGapFlag	Number	1	Include in Gap Flag
ACCOMP	cAutoCalculateCompetency	Char	1	Auto Calculate Competency

Conceptual Approach

When a user adds, modifies, or deletes competency based job description data in the EnterpriseOne Human Resources system and then runs R080025, Incremental Job Description Changes Outbound Integration program, the system publishes an event to the XPI system. The container event RTJDOUT contains one single event RTJDOUTB. The RTJDOUTB event contains all columns from the modified competency based job description record and an action code specifying what action was performed on the data (added, changed, deleted).

Objects that Can Initiate the Event

The R080025 - Incremental Job Description Changes Outbound Integration object can initiate the RTJDOUTB event.

RTJBUOUTB

RTJBUOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to the organizational business unit/jobs cross reference (F0800601).

Event Name	<i>RTJBUOUTB</i>
Event Description	<i>Jobs in Business Unit RTE</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>

Product Code	<i>08</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0800770B</i>
Relationship	Included in container event RTJBUOUT.

Event Fields

The RTJBUOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode_ACTN	Char	1	Action Code
ORMCU	szOrgBusinessUnit_ORMCU	String	12	Organizational Business Unit
JBCD	szJobType_JBCD	String	6	Job Type (Craft) Code
JBST	szJobStep_JBST	String	4	Job Step
EFTB	jdDateBeginningEffective_EFTB	Date	6	Date - Beginning Effective
EFTE	jdDateEndingEffective_EFTE	Date	6	Date - Ending Effective
OTPS	szOrganizationType_OT	String	3	Organization Type Structure
PID	PS szProgramID_PID	String	10	Program ID
JOBN	szWorkStationID_JOBN	String	10	Workstation ID
UPMJ	jdDateUpdated_UPMJ	Date	6	Data - Updated
UPMT	mnTimeLastUpdated_UPMT	Number	6	Time - Last Updated

Conceptual Approach

When a user adds, modifies, or deletes organizational business unit/jobs cross reference data (F0800601) from the EnterpriseOne system, the system publishes an event to the XPI system. The RTJBUOUT event is a container event activated on the F0800601 table trigger and contains all columns from the modified organizational business unit/jobs cross reference record (F0800601) and an action code specifying what action was performed on the data (added, changed, deleted).

Objects that Can Initiate the Event

These objects can initiate the RTJBUOUTB event:

- F0800601 - Organizational Business Unit/Job Cross Reference table trigger
- B0800770 - Job in Business Unit Real Time Event Notification

Inventory

This section discusses the realtime events generated by the Inventory Management system.

RTIMOUT

RTIMOUT is used by the PeopleSoft EnterpriseOne system to notify third-party systems of item additions, changes, or deletions in order to keep the two systems synchronized.

Event Name	<i>RTIMOUT</i>
Event Description	<i>Item Master Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i> Container event for RTIMOUTA (D4102150B)
Product Code	<i>H41</i>
Reliable Delivery	<i>0</i>
Timeout Threshold	<i>Recommendation</i>
Data Structure	<i>D4102150B</i>

Event Fields

The RTIMOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cOrderAction	Char	1	Action Code
ITM	mnShortItemNumber	Numeric	8	Item Number
MCU	szBusinessUnit	String	12	Business Unit
STKT	cStockingType	Char	1	Stocking Type
LITM	szProductItem	String	25	Product Item Number
AITM	szCatalogItem	String	25	Catalog Item Number
DSC1	szDescription1	String	30	Item Description
DSC2	szDescription2	String	30	Item Description
UOM1	szPrimaryUnitofMeasure	String	2	Unit of Measure
SRP1	szSalesReportingCode1	String	3	Sales Catalog Section
SRP2	szSalesReportingCode2	String	3	Sub Section

Data Item / Alias	Description	Data Type	Size	Element
SRP3	szSalesReportingCode3	String	3	Sales Category Code 3
SRP4	szSalesReportingCode4	String	3	Sales Category Code 4
SRP5	szSalesReportingCode5	String	3	Sales Category Code 5
SRP6	szSalesReportingCode6	String	6	Category Code 6
SRP7	szSalesReportingCode7	String	6	Category Code 7
SRP8	szSalesReportingCode8	String	6	Category Code 8
SRP9	szSalesReportingCode9	String	6	Category Code 9
SRP0	szSalesReportingCode10	String	6	Category Code 10
PRP1	szPurchasingReportCode1	String	3	Commodity Class
PRP2	szPurchasingReportCode2	String	3	Commodity Sub Class
PRP3	szPurchasingReportCode3	String	3	Supplier Rebate Code
PRP4	szPurchasingReportCode4	String	3	Mater Planning Family
PRP5	szPurchasingReportCode5	String	3	Purchasing Category Code 5
PRP6	szPurchReportingCode6	String	6	Group - Item Dimension
PRP7	szPurchReportingCode7	String	6	Group - Warehouse Process 1
PRP8	szPurchReportingCode8	String	6	Group - Warehouse Process 2
PRP9	szPurchReportingCode9	String	6	Group - Warehouse Process 3
PRP0	szPurchReportingCode10	String	6	Item Pool
GLPT	szGICateogry	String	4	Category - G/L
SAFE	mnSafetyStockDaysSupply	Numeric	15	Safety Stock
SHCM	szShippingCommodityClass	String	3	Shipping Commodity Class
SHCN	szShippingConditionsCode	String	3	Shipping Conditions Code
LNTY	szLineType	String	2	Line Type
CYCL	szCycleCountCateogry	String	3	Cycle Count Category
CDCD	szCommodityCode	String	15	Commodity Code
PDGR	szProductGroupFrom	String	3	Product Group

Data Item / Alias	Description	Data Type	Size	Element
DSGP	szDispatchGrp	String	3	Dispatch Group
VEND	mnPrimaryLastVendorNo	Numeric	8	Primary Last Vendor
ANPL	mnAddressNumberPlanner	Numeric	8	Address Number Planner
BUYR	mnBuyer	Numeric	8	Buyer
ORIG	szCountryOfOrigin	String	3	Country Of Origin
ROPI	mnReorderPointInput	Numeric	15	Reorder Point Input
ROQI	mnReorderQuantityInput	Numeric	15	Reorder Quantity Input
RQMN	mnReorderQuantityMinimum	Numeric	15	Reorder Quantity Minimum
RQMX	mnReorderQuantityMaximum	Numeric	15	Reorder Quantity Maximum
WOMO	mnOrderMultiples	Numeric	7	Order Multiples
SERV	mnServiceLevel	Numeric	7	Service Level
SLD	mnShelfLifeDays	Numeric	6	Shelf Life Days
CKAV	cCheckAvailabilityYN	Char	1	Check Availability
SRCE	cLayerCodeSource	Char	1	Layer Code Source
LOTS	cLotStatusCode	Char	1	Lot Status Code
OT1Y	cConstantFutureUse1	Char	1	Constant Future Use 1
QT2Y	cConstantFutureUse2	Char	1	Constant Future Use 2
STDP	mnStandardPotency	Numeric	7	Standard Potency
FRMP	mnFromPotency	Numeric	7	From Potency
THRP	mnThruPotency	Numeric	7	Thru Potency
STDG	szStandardGrade	String	3	Standard Grade
FRGD	szFromGrade	String	3	From Grade
THRP	szThruGrade	String	7	Thru Grade
COTY	cComponentType	Char	1	Component Type
MMPC	mnMarginMaintenancePer	Numeric	7	Margin Maintenance Per
PRGR	szPricingCategory	String	8	Pricing Category

Data Item / Alias	Description	Data Type	Size	Element
RPRC	szRepriceBasketPriceCat	String	8	Reprice Basket Price
ORPR	szOrderRepriceCategory	String	8	Order Reprice Category
BACK	cBackordersAllowedYN	Char	1	Backorders Allowed
IFLA	szItemFlashMessage	String	2	Item Flash Message
ABCS	cAbcCode1SalesInv	Char	1	Abc Code 1 Sales Inv
ABCM	cAbcCode2MarginInv	Char	1	Abc Code 2 Margin Inv
ABCI	cAbcCode3InvestInv	Char	1	Abc Code 3 Invest Inv
OVR	cAbcCodeOverrideIndica	Char	1	Abc Code Override
CARS	mnCarrier	Numeric	8	Carrier
CARP	mnPreferCarrierPurchasing	Numeric	8	Prefer Carrier Purchasing
FIFO	cFifoProcessing	Char	1	Fifo Processing
INMG	szPrintMessage1	String	10	Print Message 1
WARR	szTypeWarranty	String	8	Type Warranty
SRNR	cSerialNumberRequired	Char	1	Serial Number Required
PCTM	mnPercentMargin	Numeric	7	Percent Margin
CMCG	szCommissionCategory	String	8	Commission Category
FUF1	cApplyFreight	Char	1	Apply Freight
TX	cTaxableYN1	Char	1	Purchasing Sales Taxable
TAX1	cTaxableYN	Char	1	Sales Taxable
MPST	cPlanningCode	Char	1	Planning Code
MRPD	cItemDisplayCode	Char	1	Item Display Code
MRPC	cNetChangeFlag	Char	1	Net Change Flag
UPC	mnUnitsPerContainer	Numeric	15	Units Per Container
SNS	cStockNonstock	Char	1	Round to Whole Number
MERL	szMeRevisionLevel	String	3	Item Revision Level
LTLV	mnLeadtimeLevel	Numeric	5	Leadtime Level

Data Item / Alias	Description	Data Type	Size	Element
LTMF	mnLeadtimeMfg	Numeric	5	Leadtime MFG
LTCM	mnLeadtimeCum	Numeric	5	Leadtime Cumulative
OPC	cOrderPolicyCode	Char	1	Order Policy Code
OPV	mnOrderPolicyValue	Numeric	15	Value - Order Policy
ACQ	mnAcctingCostQty	Numeric	15	Quantity - Accounting Cost
MLQ	mnMfgLeadtimeQty	Numeric	15	Quantity - MFG Leadtime
LTPU	mnLeadtimePerUnit	Numeric	5	Leadtime Per Unit
MPSP	cPlanTimeFenceRule	Char	1	Planning Time Fence Rule
MRPP	cFixedVariableLeadtime	Char	1	Fixed or Variable Leadtime
ITC	cIssueTypeCode	Char	1	Issue Type Code
ECO	szEngineerChngOrderNo	String	12	ECO Number
ECTY	szEngineeringChngReason	String	2	Engineering Change Reason
ECOD	jdDateEngineerChgeDate	Date	6	Date - Engineering Change Date
MTF1	mnPlanningTimeFenceDays	Numeric	5	Planning Time Fence Days
MTF2	mnFreezeTimeFenceDays	Numeric	5	Freeze Time Fence Days
MTF3	mnMsgTimeFenceDays	Numeric	5	Message Time Fence Days
MTF4	mnTimeFence4	Numeric	5	MPS/MRP Time Fence 4
MT5	mnTimeFence5	Numeric	5	Shipment Leadtime Offset
MOVD	mnMoveHours	Numeric	5	Move Hours - Standard
QUED	mnQueueHours	Numeric	5	Queue Hours - Standard
SETL	mnSetupLaborHrsStdr	Numeric	15	Setup Labor - Standard
SRNK	mnShrinkFactor	Numeric	15	Shrink Factor
SRKF	cShrinkFactorMethod	Char	1	Shrink Factor Method
TIMB	cTimeBasisCode	Char	1	Time Basis Code
BQTY	mnUnitsBatchQuantity	Numeric	15	Units - Batch Quantity
ORDW	cOrderWithYN	Char	1	Order With

Data Item / Alias	Description	Data Type	Size	Element
EXPD	mnExpediteDamperDays	Numeric	5	Expedite Damper Days
DEFD	mnDeferDamperDays	Numeric	5	Defer Damper Days
MULT	mnQtyOrderMultiples	Numeric	15	Quantity - Order Multiples (MRP)
SFLT	mnSafetyLeadtime	Numeric	5	Safety Leadtime
MAKE	cMakeBuyCode	Char	1	Make/Buy Code
LFDJ	jdDateLifo	Date	6	Date - Future Use
LLX	mnLowLevelCode	Numeric	3	Low Level Code
CMGL	cAllocateByLot	Char	1	Commitment Method
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day
TFLA	szTemporaryItemFlashMessag	String	2	Standard Unit of Measure Conversion
COMH	mnCommitmentSpecificDays	Numeric	3	Commitment - Specific (Days)
AVRT	mnAverageQueueTimeHours	Numeric	15	Replenishment Hours - Standard
POC	cPayonconsumption	Char	1	Issue and Receipt
AING	cActiveIngredientFlag	Char	1	Active Ingredient Flag
BBDD	mnBestBeforeDefaultDays	Numeric	6	Best Before Default Days
CMM	cCommitmentDateMethod	Char	1	Commitment Date Method

Data Item / Alias	Description	Data Type	Size	Element
LECM	cLotExpirationDateCalculat	Char	1	Lot Expiration Date Calculation Method
LEDD	mnLotEffectiveDefaultDays	Numeric	6	Lot Effective Default Days
MLOT	cItemMultipleDates	Char	1	Mix Dates / Lots (Y/N)
PEFD	mnPurchasingEffectiveDays	Numeric	6	Purchasing Effective Days
SBDD	mnSellByDefaultDays	Numeric	6	Sell By Default Days
U1DD	mnUserLotDate1DefaultDays	Numeric	6	User Lot Date 1 Default Days
U2DD	mnUserLotDate2DefaultDays	Numeric	6	User Lot Date 2 Default Days
U3DD	mnUserLotDate3DefaultDays	Numeric	6	User Lot Date 3 Default Days
U4DD	mnUserLotDate4DefaultDays	Numeric	6	User Lot Date 4 Default Days
U5DD	mnUserLotDate5DefaultDays	Numeric	6	User Lot Date 5 Default Days
XDCK	cCrossDockFlag	Char	1	Cross-Docking Flag
LAF	cLotAuditFlag	Char	1	Lot Audit Flag
LTFM	cSpecialLotFormat	Char	1	Special Lot Format
RWLA	cRestrictWoLotAssignment	Char	1	Restrict Work Order Lot Assignment
LNPA	cLotNumberPreAssignment	Char	1	Lot Number Pre-Assignment
LOTC	szLotStatusCodeExpanded	String	3	Lot Status Code Expanded
APSC	cConstraintsFlag	Char	1	Constraints Flag
PRI1	mnPriorityOneAlertLevel	Numeric	15	Priority One Alert Level
PRI2	mnPriorityTwoAlertLevel	Numeric	15	Priority Two Alert Level
LTCV	mnLeadtimeConversionFactor	Numeric	15	Leadtime Conversion Factor
ASHL	cAllowShippingHeldLots	Char	1	Allow Shipping of Held Lots

Conceptual Approach

A new item master or item branch added in the PeopleSoft EnterpriseOne system creates a new record in the Item Master (F4101) table or the Item Branch (F4102) table. A realtime notification event is triggered in the maintenance application after item master or item branch information is added to either table.

Objects that Can Initiate the Event

These objects can initiate the RTIMOUT event:

- B4102150 - Item Master Real-Time Event Notify
- B4102151 - Item Master Real Time Event Notify 2
- N4101070 - Update Item Process Data
- B4100340 - Update Item Branch Item
- B4100290 - Insert Item Master Row
- N4101130 - Workflow Update Approved Item Master Change
- B4100840 - F4102 Update Item Branch Record
- P4101N - Non Stock Item Master
- R4101P - Item Master Purge (F4101)
- P4690 - Warehouse Speed Group Maintenance
- R4690 - Update Process and Item Dimens
- XT4111Z1 - Inventory Transactions

RTIBOUT

RTIBOUT is used by the PeopleSoft EnterpriseOne system to notify third-party systems when an item location has been added, changed, or deleted in order to keep the two systems synchronized. Adding an Item Balance record that does not have quantity information or deleting an Item Balance record will not be published.

Event Name	<i>RTIBOUT</i>
Event Description	<i>Item Balance Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i> Container event for RTIBHDR (D4101660A)
Product Code	<i>H41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4101660A</i>

Event Fields

The RTIBOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
LOCN	szLocation	String	20	Location

Data Item / Alias	Description	Data Type	Size	Element
PBIN	cPrimaryBinPS	Char	1	Primary Location (P/S)
LOTS	cLotStatusCode	Char	1	Lot Status Code
PBCK	mnQtyBackorderedInPri	Numeric	15	Quantity on Backorder
PREQ	mnQtyOnPurchaseOrderPr	Numeric	15	Quantity on PO - Primary Units
QWBO	mnQuantityOnWoReceipt	Numeric	15	Quantity on WO Receipt
OT1P	mnQty1OtherPrimaryUn	Numeric	15	Quantity 1 - Other Primary Units
OT2P	mnQty2OtherPrimaryUn	Numeric	15	Quantity 2 - Other Primary Units
OT1A	mnQtyOtherPurchasing1	Numeric	15	Quantity - Other Purchasing 1
HCOM	mnQtyHardCommitted	Numeric	15	Quantity - Hard Committed
PCOM	mnQuantitySoftCommitted	Numeric	15	Quantity - Soft Committed
FCOM	mnQtyOnFutureCommit	Numeric	15	Quantity on Future Commit
FUN1	mnWorkOrderSoftCommit	Numeric	15	Quantity - WO Soft Commit
QOWO	mnQuantityOnWorkorder	Numeric	15	Quantity - WO Hard Commit
QTTR	mnQtyInTranPrimaryUn	Numeric	15	Units In Transit - Primary Units
QTIN	mnQtyInInspPrimaryUn	Numeric	15	Units In Inspection - Primary Units
QONL	mnQuantityOnLoanToMa	Numeric	15	Quantity on Loan to Manufacturing
QTRI	mnQuantityInboundWareh	Numeric	15	Quantity Inbound - Warehouse
QTRO	mnQuantityOutboundWare	Numeric	15	Quantity Outbound - Warehouse
QTY1	mnFutureUseQuantity	Numeric	15	Future Use Quantity
QTY2	mnFutureUseQuantity2	Numeric	15	Future Use Quantity 2
TRQT	mnPlanningQuantity	Numeric	15	Used for APS
DCT	szTransactionDocumentType	String	2	Document Type
UPMJ	jdDateUpdated	Date	6	Used for APS
TDAY	mnTimeUpdated	Numeric	6	Used for APS
CMUM	szPlanningUOM	String	2	Used for APS

Data Item / Alias	Description	Data Type	Size	Element
TRQT	mnPlanningQuantity	Numeric	15	Planning Quantity
EV01	cAPSFlag	Char	1	Use 1 if it is an APS transaction
EV01	cAPSSupplyDemandFlag	Char	1	Use 1 if it is verified through inclusion rules
ITM	mnItemNumberShort	Numeric	8	Populate with short item number
MCU	szBranchPlant	String	12	Business Unit
PQOH	mnQtyOnHandPrimaryU	Numeric	15	Quantity on Hand - Primary Units
QT01	mnQtyInOperation01	Numeric	15	Units in Operation 1 - Primary Units
QT02	mnQtyInOperation02	Numeric	15	Units in Operation 1 - Primary Units
LOTN	szLotNumber	String	30	Lot/Serial Number
DL01	szPlanningLotStatus	String	30	Planning Lot Status

Conceptual Approach

An inventory location that has been added, changed, or deleted in the PeopleSoft EnterpriseOne system updates the Item Location (F41021) table. When an item balance record is modified, an RTIBOUT realtime event notification is published.

Currently, no canonicals are defined for this realtime event and it is used only by the APS integration.

Objects that Can Initiate the Event

These objects can initiate the RTIBOUT event:

- B4101630 - Item Balance Real-Time Event Notify
- XT4111Z1 - Inventory Transactions
- XF41021 - Update F41021 Locations
- B3100160 - Adjust Quantity on Work Order
- B4100220 - Update Primary Location
- B4100430 - Update Misc F41021 Fields
- B4100630 - Update Item Commits To Zero
- B4101370 - F41021 Update Quantities
- B4200370 - Commit Sales Order to Inventory
- N3101470 - R3190 Update Item Location and Parts List
- N4202100 - F41021 Commitments Processing
- R31420 - Automatic Work Order Inventory Issues

- R3190 - Repost Open Work Orders

RTCOSTOUT

RTCOSTOUT is a container event generated by the PeopleSoft EnterpriseOne system to notify third-party systems of changes to the unit cost of an item. Any adds or changes to a unit cost are generated as a change realtime event. Deletes are not supported.

Event Name	<i>RTCOSTOUT</i>
Event Description	<i>Item Cost Real Time</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i> Contains the RTCOSTOUTA (D4102180B) event.
Product Code	<i>41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Conceptual Approach

A unit cost is added or changed in the item cost table (F4105). The PeopleSoft EnterpriseOne system sends out item cost realtime events with unit cost information.

Objects that Can Initiate the Event

The P4105 - Work with Item Cost program can initiate the RTCOSTOUT event.

RTCOSTOUTA

RTCOSTOUTA is a single event that is generated by the PeopleSoft EnterpriseOne system to provide item information about changes to the unit cost of an item. Any adds or changes to a unit cost are generated as a change realtime event. Deletes are not supported.

Event Name	<i>RTCOSTOUTA</i>
Event Description	<i>Item Cost Real Time Data</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4102180B: Item Cost Real Time Data</i>
Event Relationship	Included in container event RTCOSTOUT.

Event Fields

The RTCOSTOUTA event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTION	cEventAction	Char	1	Action Type
ITM	mnIdentifierShortItem	Math Numeric	8	Item Number - Short
LITM	szIdentifier2ndItem	String	25	2 nd Item Number
AITM	szIdentifier3rdItem	String	25	3 rd Item Number
MCU	szBranchPlant	String	12	Business Unit
LOCN	szLocation	String	20	Location
LOTN	szLot	String	30	Lot/Serial Number
LOTG	szLotGrade	String	3	Lot Grade
LEDG	szCostMethod	String	2	Cost Method
AA	mnAmountUnitCost	Math Numeric	15(2)	Amount
CSPO	cPurchasingCostingSelection	Char	1	Costing Selection - Purchasing
CSIN	cInventoryCostingSelection	Char	1	Costing Selection - Inventory
CCFL	cCostChangedFlag	Char	1	Cost Changed Flag
CRCS	mnCarryingCost	Math Numeric	15(4)	Carrying Cost
OSTC	mnOverstockCost	Math Numeric	15(4)	Overstock Cost
STOC	mnStockoutCost	Math Numeric	15(4)	Stockout Cost
CLEV	cCostLevel	Char	1	Level - Inventory Cost
LOC	szPrimaryLocation	String	12	Business Unit - Location

Conceptual Approach

A unit cost is added or changed in the item cost table (F4105). The PeopleSoft EnterpriseOne system sends out item cost realtime events with unit cost information.

Objects that Can Initiate the Event

The P4105 - Work with Item Cost program can initiate the RTCOSTOUTA event.

RTUOMOUT

RTUOMOUT is a container event generated by the PeopleSoft EnterpriseOne system to notify third-party systems of adds and changes to unit of measure conversions.

Event Name	<i>RTUOMOUT</i>
Event Description	<i>Unit of Measure Conversions Notification</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTUOMDTL (D4102170A)
Product Code	<i>H41</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Conceptual Approach

Unit of measure conversion information that is added or modified for a given item in the Unit of Measure table F41002 is sent out in a realtime event.

Special Setup

If the system constant Unit of Measure Conversion by Branch is Off, all unit of measure (UOM) conversions for the item and a blank branch plant are sent in the realtime event.

If the system constant Unit of Measure Conversion by Branch is On and the Default Branch Plant processing option on version ZJDE0001 of UOM Conversion Real Time Wrapper Application (P4102170) is blank, the UOM conversions for the item and all branch plants are sent in the realtime event.

If the system constant Unit of Measure Conversion by Branch is On and the Default Branch Plant processing option on version ZJDE0001 of UOM Conversion Real Time Wrapper Application (P4102170) is 1, the UOM conversions for the item and the current branch plant are sent in the realtime event.

Objects that Can Initiate the Event

The P41002 - Unit of Measure Conversions - Item program can initiate the RTUOMOUT event.

RTUOMDTL

RTUOMDTL is a single event that is generated by the PeopleSoft EnterpriseOne system to provide unit of measure conversion information.

Event Name	<i>RTUOMDTL</i>
Event Description	<i>Unit of Measure Conversions Notification Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H41</i>

Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4102170A: UOM Conversion Real Time Data</i>
Event Relationship	Included in container event RTUOMOUT.

Event Fields

The RTUOMDTL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	String	1	Action Code
ITM	mnIdentifierShortItem	Numeric	8	Short Item
MCU	szCostCenter	String	12	Cost Center
UOM1	szUnitOfMeasurePrimary	String	3	Unit Of Measure Primary
UM	szUnitOfMeasureFrom	String	3	Unit Of Measure From
RUM	szUnitOfMeasureTo	String	3	Unit Of Measure To
USTR	cUnitOfMeasureStructure	String	1	Unit Of Measure Structure
CONV	mnConversionFactor	Numeric	15	Conversion Factor
CNV1	mnConvFactorToPrimary	Numeric	15	Conv Factor To Primary
EXPO	cExcludeFromPO	String	1	Exclude From PO
EXSO	cExcludeFromSO	String	1	Exclude From SO
PUPC	nPurchasePriceCode	Integer	11	Purchase Price Code
SEPC	nSalesPriceCode	Integer	11	Sales Price Code
PID	szCallingApplication	String	10	Calling Application

Conceptual Approach

Unit of measure conversion information added or modified for a given item in the Unit of Measure table F41002 is sent out in a realtime event.

Objects that Can Initiate the Event

The P41002 - Unit of Measure Conversions - Item program can initiate the RTUOMDTL event.

Manufacturing

This section discusses the realtime events generated by the Manufacturing system.

RTWOOUT

RTWOOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems when a work order has been added, changed, or deleted in order to keep the two systems synchronized.

Event Name	<i>RTWOOUT</i>
Event Description	<i>Work Order Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i> Contains the RTWOHDR (D3102360A) event.
Product Code	<i>31</i>
Reliable Delivery	<i>0</i>
Timeout Threshold	<i>Recommendation</i>

Event Fields

The RTWOOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Order Number
DCTO	szOrderType	String	3	Order Type
MMCU	szBranchPlant	String	12	Business Unit
SRST	szWOStatus	String	2	Status
STRT	jdStartDate	Date	6	Start Date
DRQJ	jdRequestDate	Date	6	Request Date
TRDJ	jdTransactionDate	Date	6	Transaction Date
ITM	mnShortItemNumber	Numeric	8	Short Item Number
LITM	szSecondItemNumber	String	25	Second Item Number
AITM	szThirdItemNumber	String	25	Third Item Number
UORG	mnQuantityOrdered	Numeric	15	Quantity Ordered

Data Item / Alias	Description	Data Type	Size	Element
SOQS	mnQuantityCompletedShipped	Numeric	15	Quantity Shipped
SOCN	mnQuantityScrappedCanceled	Numeric	15	Quantity Canceled
SOBK	mnQuantityBackorderedHeld	Numeric	15	Quantity Backordered
TRQT	mnTransactionOpenQuantity	Numeric	15	Quantity Ordered - Quantity Shipped - Quantity Canceled
UOM	szTransactionUOM	String	2	Unit Of Measure
UNCD	cFreezeCode	Char	1	Freeze Code
SFXO	szOrderSuffix	String	3	Order Suffix
DCT	szDocumentType	String	3	Document Type
TYPs	cTypeWO	Char	1	Type
PRTS	cPriorityWO	Char	1	Priority
LOCN	szLocation	String	20	Location
LOTN	szLotNumber	String	30	Lot/Serial
SHNO	szMessageNumber	String	10	Message No
VR01	szReference	String	25	Reference
RORN	szRelatedOrderNumber	String	8	Associated SO Number
RCTO	szRelatedOrderType	String	2	Associated SO Type
RKCO	szRelatedOrderCompany	String	5	Associated SO Company
LNID	mnRelatedLineNumber	Numeric	6	Associated SO Line
DL01	szWorkOrderDescription	String	30	Description
PARS	szParentOrderNumber	String	8	Parent WO
WR01	szWOCategoryCode001	String	4	Phase
WR02	szWOCategoryCode002	String	4	Category 02
WR03	szWOCategoryCode003	String	4	Category 03
WR04	szWOCategoryCode004	String	4	Category 04
WR05	szWOCategoryCode005	String	4	Category 05
VFWO	cFirmWorkOrder	Char	1	Firm Work Order

Data Item / Alias	Description	Data Type	Size	Element
UPJM	jdDateUpdated	Date	6	Used for SCP
TDAY	mnTimeUpdated	Numeric	6	Used for SCP
CMUM	szPlanningUOM[3]	Numeric	15	Used for SCP
TRQT	mnPlanningQuantity	Numeric	15	Used for SCP
EV01	cWOChangeAllowed	Char	1	Used for SCP
EV01	cWOStatusFlag	Char	1	Used for SCP
EV01	cAPSFlag	Char	1	Use 1 if it is an SCP transaction
EV01	cAPSSupplyDemandFlag	Char	1	Use 1 if it is verified through inclusion rules
TBM	szWorkOrderBillType	String	3	Used for SCP
TRT	szWorkOrderRoutingType	String	3	Used for SCP
GS2A	szPlanningOrderType	String	20	Used for SCP
MMCU	szParentWOBranchPlant	String	12	Business Unit

Conceptual Approach

A work order that has been added, changed, or deleted in the PeopleSoft EnterpriseOne system updates the Work Order Header (F4801) table. When a work order record has been modified, a RTWOOUT realtime event notification is published.

Objects that Can Initiate the Event

These objects can initiate the RTWOOUT event:

- B3102360 - Work Order Real-Time Event Notification
- B3100790 - Work Order Inventory Issues
- B3101030 - Purge Work Order Data
- B3101060 - F3112, F31122 Super Backflush
- N4202020 - F4211 Update Work Order Status
- P31225 - Manufacturing Scheduling Workbench
- X4801 - X4801 Work Order Entry

RTWOHDR

RTWOHDR is used by the PeopleSoft EnterpriseOne system to inform third-party systems when a work order has been changed.

Event Name *RTWOHDR*

Event Description	<i>Work Order Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H31</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D3102360A</i>
Event Relationship	Included in container event RTWOOUT.

Event Fields

The RTWOHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Order Number
DCTO	szOrderType	String	3	Order Type
MMCU	szBranchPlant	String	12	Business Unit
SRST	szWOSstatus	String	2	Status
STRT	jdStartDate	Date	6	Start Date
DRQJ	jdRequestDate	Date	6	Request Date
TRDJ	jdTransactionDate	Date	6	Transaction Date
ITM	mnShortItemNumber	Numeric	8	Short Item Number
LITM	szSecondItemNumber	String	25	Second Item Number
AITM	szThirdItemNumber	String	25	Third Item Number
UORG	mnQuantityOrdered	Numeric	15	Quantity Ordered
SOQS	mnQuantityCompletedShipped	Numeric	15	Quantity Shipped
SOCN	mnQuantityScrappedCanceled	Numeric	15	Quantity Canceled
SOBK	mnQuantityBackorderedHeld	Numeric	15	Quantity Backordered
TRQT	mnTransactionOpenQuantity	Numeric	15	Quantity Ordered - Quantity Shipped - Quantity Canceled
UOM	szTransactionUOM	String	2	Unit Of Measure

Data Item / Alias	Description	Data Type	Size	Element
UNCD	cFreezeCode	Char	1	Freeze Code
SFXO	szOrderSuffix	String	3	Order Suffix
DCT	szDocumentType	String	3	Document Type
TYP5	cTypeWO	Char	1	Type
PRTS	cPriorityWO	Char	1	Priority
LOCN	szLocation	String	20	Location
LOTN	szLotNumber	String	30	Lot/Serial
SHNO	szMessageNumber	String	10	Message No
VR01	szReference	String	25	Reference
RORN	szRelatedOrderNumber	String	8	Associated SO Number
RCTO	szRelatedOrderType	String	2	Associated SO Type
RKCO	szRelatedOrderCompany	String	5	Associated SO Company
LNID	mnRelatedLineNumber	Numeric	6	Associated SO Line
DL01	szWorkOrderDescription	String	30	Description
PARS	szParentOrderNumber	String	8	Parent WO
WR01	szWOCategoryCode001	String	4	Phase
WR02	szWOCategoryCode002	String	4	Category 02
WR03	szWOCategoryCode003	String	4	Category 03
WR04	szWOCategoryCode004	String	4	Category 04
WR05	szWOCategoryCode005	String	4	Category 05
VFWO	cFirmWorkOrder	Char	1	Firm Work Order
UPJM	jdDateUpdated	Date	6	Used for SCP
TDAY	mnTimeUpdated	Numeric	6	Used for SCP
CMUM	szPlanningUOM[3]	Numeric	15	Used for SCP
TRQT	mnPlanningQuantity	Numeric	15	Used for SCP
EV01	cWOChangeAllowed	Char	1	Used for SCP

Data Item / Alias	Description	Data Type	Size	Element
EV01	cWOStatusFlag	Char	1	Used for SCP
EV01	cAPSFlag	Char	1	Use 1 if it is an APS transaction
EV01	cAPSSupplyDemandFlag	Char	1	Use 1 if it is verified through inclusion rules
TBM	szWorkOrderBillType	String	3	Used for SCP
TRT	szWorkOrderRoutingType	String	3	Used for SCP
GS2A	szPlanningOrderType	String	20	Used for SCP
MMCU	szParentWOBranchPlant	String	12	Used for SCP

Conceptual Approach

This realtime event is triggered when a work order header is changed.

Objects that Can Initiate the Event

Any process that changes the event fields on a work order header can initiate the realtime event. For example:

- Work Order Entry
- Inventory Issues
- Shop Floor Workbench

OPBOMROUT

OPBOMROUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems when a work orders parts list and routing is added, changed, or deleted.

Event Name *OPBOMROUT*

Event Description *Transaction BOMR*

Event Type *RTE*

Event Category *Container*

Contains these data structures: D34A1140A, D34A1140B, D34A1140C

Product Code *34A*

Reliable Delivery *1*

Timeout Threshold *Recommendation*

Event Fields - D34A1140A

The D34A1140A data structure contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
EV01	Event Notification Action Code	Char	1	1 = Add (Needed for OP Commit) 2 = Update/Change 3 = Delete
DOCO	Order Number	Double	15	Value of 1, 2, or 3. 1 is Add 2 is Change 3 is Delete
DCTO	Order Type	String	2	Order Number
EV01	WO Change Allowed	Char	1	0 = No 1 = Yes
MCU	Business Unit - Branch/Plant	String	12	Business Unit
ITM	Short Item Number	Double	15	Status
LITM	Second Item Number	String	25	Start Date
AITM	Third Item Number	String	25	Request Date
STRT	Start Date	Date	6	Transaction Date
DRQJ	Requested Date	Date	6	Short Item Number
UORG	Quantity Ordered	Double	15	Second Item Number
UOM	Unit Of Measure	String	2	Third Item Number
RORN	Related Order Number	String	8	Quantity Ordered
RCTO	Related Order Type	String	2	Quantity Shipped
RKCO	Related Key Company	String	5	Quantity Canceled
LNID	Related Line Number	Double	15	Quantity Backordered
PARS	Parent Work Order Number	String	8	Quantity Ordered - Quantity Shipped - Quantity Canceled
UM	Planning Unit of Measure	String	2	Unit Of Measure
UORG	Quantity Planned	Double	15	Freeze Code
UORG	Planning Multiple	Double	15	Order Suffix
GS2A	Planning Order Type	String	20	Document Type
EV01	Planning Order Status	Char	1	Type

Event Fields - D34A1140B

The D34A1140B data structure contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
EV01	Action Type	Char	1	Value of 1, 2, or 3. 1 is Add 2 is Change 3 is Delete
DOCO	Order Number	Double	15	
DCTO	Order Type	String	2	
OPSQ	Operation Sequence Number	Double	15	
OPSC	Type Operation Code	String	3	
MCU	Work Center	String	12	
OPSQ	Successive Operation	Double	15	
SETL	Setup Hours	Double	15	
MOVD	Move Hours	Double	15	
QUED	Queue Hours	Double	15	
POVR	Percent of Overlap	Double	15	
DL01	Precedence Type	String	30	
MATH01	Precedence Offset	Double	15	
DRQJ	Requested Date	Date	6	
ASJ	Planned Start Date	Date	6	
DRQJ	Planned Finish Date	Date	6	

Event Fields - D34A1140C

The D34A1140C data structure contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
EV01	Action Type	Char	1	Value of 1, 2, or 3. 1 is Add 2 is Change 3 is Delete
DOCO	Order Number	Double	15	
DCTO	Order Type	String	2	
OPSQ	Operation Sequence Number	Double	15	
OPSC	Type Operation Code	String	3	

Data Item / Alias	Description	Data Type	Size	Element
MCU	Work Center	String	13	
GS3A	Resource ID	String	30	
DOCO	Subassembly Work Order Number	Double	15	
GS3A	Resource Type	String	30	
CPIT	Short Item Number	Double	15	
CPIL	Second Item Number	String	25	
CPIA	Third Item Number	String	25	
DESC	Item Description	String	30	
UM	Unit of Measure	String	2	
UORG	Extended Quantity	Double	15	
UORG	Quantity Per	Double	15	
GS1A	Planning Unit of Measure	String	10	
UORG	Quantity Planned	Double	15	
UORG	Quantity Per Planned	Double	15	
UORG	Planning Multiple	Double	15	
CMCU	Component Branch	String	12	
RESCD	Resource Code	String	12	

Conceptual Approach

A work order parts list or routing that has been added, changed, or deleted in the PeopleSoft EnterpriseOne system updates the Work Order Parts List (F3111) and the Work Order routing (F3112) tables. When a work order parts list or routing record is modified, an OPBOMROUT realtime event notification is published.

Objects that Can Initiate the Event

These objects can initiate the OPBOMROUT event:

- B3101250 - Work Order Routings Master Business Function
- B3101260 - F3111 Parts List Master Business Function
- R31410 - Order Processing

Procurement

This section discusses the realtime events generated by the Procurement and Subcontract Management system.

RTPOOUT

RTPOOUT is a container event used by the PeopleSoft EnterpriseOne system that notifies third-party systems when purchase order information changes.

Event Name	<i>RTPOOUT</i>
Event Description	<i>RTPOOUT</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTPOHDR (D4302470A), RTPODTL (D4302470B), and RTPODIST (D4302470C)

Note. RTPODIST is included in RTPOOUT if the multiple accounts flag is selected for the order line.

Product Code	<i>43</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

Please see the appropriate single events (identified in the preceding table) for the fields.

Conceptual Approach

A new purchase order creates a new record in the Purchase Order Header table (F4301) and the Purchase Order Detail table (F4311). It also creates a new record in Purchase Order Multiple Accounts (F4316) file multiple account records are associated with the purchase order. A realtime notification is triggered whenever there is an insert in these tables. Also, this event is triggered whenever an exiting purchase order is updated and there is an update to the Purchase Order Header and Purchase Order Detail tables.

Objects that Can Initiate the Event

These objects can initiate the RTPOOUT event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions

Special Setup

To activate the RTPOOUT event, these three important areas are required for data setup:

- The Suppliers Correspondence Method (F0401.CRMD, sometimes called Send Method) must be set to 5.
- The Document Type of the purchase order must be set up to publish externally. Use the P40040 application to inquire on a document type and select the publish externally check box on the Purchasing tab of the Document Type Revisions form.
- Currently all procurement integrations that need processing options use the processing options for P43XPI-ZJDE0001. This event uses the first two processing options on the Order Statuses tab. With these options you can set the range of allowed order statuses that can be published externally. Order Status 999 is valid outside of the dictated range. The canonical has a grouping titled Miscellaneous, which is inside the Header grouping. Within this grouping there is an element named ExternalEvent. This element is set to 1 if these three conditions are met when the purchase order is being processed. This in turn enables Inter-Enterprise XPI to process it as an order that will be sent to the supplier electronically.

RTPOHDR

RTPOHDR is used by the PeopleSoft EnterpriseOne system to notify third-party systems about purchase order changes.

Event Name	<i>RTPOHDR</i>
Event Description	<i>RTPOOUT Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H43</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4302470A: Purchase Order Header</i>
Event Relationship	Included in container event RTPOOUT.

Event Fields

The RTPOHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cOrderAction	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
MCU	szBranchPlant	String	12	Business Unit

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnSupplierAddressNumber	Numeric	8	Address Number
SHAN	mnShipToAddressNumber	Numeric	8	Address Number - Ship to
MLNM	szShipToMailingName	String	40	Name - Mailing
ADD1	szShipToAddressLine1	String	40	Address Line1
ADD2	szShipToAddressLine2	String	40	Address Line2
ADD3	szShipToAddressLine3	String	40	Address Line3
ADD4	szShipToAddressLine4	String	40	Address Line4
CTY1	szShipToCity	String	23	City
COUN	szShipToCounty	String	23	County
ADDS	szShipToState	String	3	State
ADDZ	szShipToPostalCode	String	12	Postal Code
CTR	szShipToCountry	String	3	Country
CRCO	szCurrencyCode	String	3	Currency Code - From
TRDJ	jdOrderDate	Date	6	Order Date
ORBY	szOrderedBy	String	10	Ordered By
TKBY	szOrderTakenBy	String	10	Order Taken By
OORN	szOriginalPOSONumber	String	8	Original Order Number
HOLD	szHoldCode	String	2	Hold Orders Code
CRR	mnExchangeRate	Numeric	15	Currency Conversion Rate - Spot Rate
PTC	szPaymentTerms	String	3	Payment Terms Code
TXA1	szTaxArea1	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
MLNM	szSupplierMailingName	String	40	Name - Mailing
ADD1	szSupplierAddressLine1	String	40	Address Line 1
ADD2	szSupplierAddressLine2	String	40	Address Line 2
ADD3	szSupplierAddressLine3	String	40	Address Line 3

Data Item / Alias	Description	Data Type	Size	Element
ADD4	szSupplierAddressLine4	String	40	Address Line 4
CTY1	szSupplierCity	String	25	City
COUN	szSupplierCounty	String	25	County
ADDS	szSupplierState	String	3	State
ADDZ	szZipCodePostalCode	String	12	Postal Code
CTR	szSupplierCountry	String	3	Country
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date;
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URRF	szUserReservedReference	String	15	User Reserved Reference
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
CRRM	cCurrencyMode	Char	1	Currency Mode Foreign or Domestic Entry
CORD	mnOrderRevisionNumber	Numeric	3	Change Order Number
TXLN	szOrderTextAttachment	String	60	Message Text Line
TAX	szShipToTaxID	String	20	Tax ID
MLNM	szBillToMailingName	String	40	Name - Mailing
ADD1	szBillToAddressLine1	String	40	Address Line 1
ADD2	szBillToAddressLine2	String	40	Address Line 2
ADD3	szBillToAddressLine3	String	40	Address Line 3
ADD4	szBillToAddressLine4	String	40	Address Line 4
CTY1	szBillToCity	String	25	City
COUN	szBillToCounty	String	25	County
ADDS	szBillToState	String	3	State
ADDZ	szBillToPostalCode	String	12	Postal Code
CTR	szBillToCountry	String	3	Country
DEL1	szDeliveryInstructLine1	String	30	Delivery Instructions Line 1

Data Item / Alias	Description	Data Type	Size	Element
DEL2	szDeliveryInstructLine2	String	30	Delivery Instructions Line 2
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
EV01	cExternalEventType	Char	1	Event Point 01
ALKY	szSupplierDescriptive	String	20	Long Address Number
ALKY	szShipToDescriptive	String	20	Long Address Number
OKCO	szOriginalDocumentCompany	String	5	Document Company (Original Order)
OCTO	szOriginalOrderType	String	2	Original Order Type
RKCO	szRelatedOrderCompany	String	5	Company - Key (Related Order)
RORN	szRelatedPoSoNumber	String	8	Related PO/SO/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SO/WO Order Type
DRQJ	jdDateRequested	Date	6	Date - Requested
PDDJ	jdScheduledPickDate	Date	6	Date - Scheduled Pick
OPDJ	jdOriginalPromisedDeliveryDate	Date	6	Date - Original Promised Delivery
ADDJ	jdActualShipDate	Date	6	Date - Actual Ship Date
CNDJ	jdCancelDate	Date	6	Date - Cancel
PEFJ	jdPriceEffectiveDate	Date	6	Date - Price Effective Date
PPDJ	jdPromisedShipDate	Date	6	Date - Promised Shipment
PSDJ	jdFutureDate2	Date	6	Date - Future Date 2
VR01	szReference1	String	25	Reference
VR02	szReference2Vendor	String	25	Reference 2
RMK	szNameRemark	String	30	Name - Remark
DESC	szDescription	String	30	Description
TXLN	szPrintMessageText	String	60	Message Text Lin
TXCT	szCertificateTaxExempt	String	20	Certificate, Tax Exemption
CNID	szContainerID	String	20	Container I.D.

Data Item / Alias	Description	Data Type	Size	Element
ANBY	mnBuyerNumber	Numeric	8	Buyer Number
ANCR	mnCarrierNumber	Numeric	8	Carrier Number
PCRT	mnRetainagePercent	Numeric	7	Percent - Retainage
PRP5	szLandedCostRule	String	3	Purchasing Category Code 5
DOC1	mnDocumentOrderInvoice	Numeric	8	Document (Order #, Invoice, etc.)
DCT4	szDocumentType	String	2	Document Type
FAP	mnAmountForeignOpen	Numeric	15	Amount - Foreign Open

Conceptual Approach

This realtime event is contained in the RTPOOUT event and is triggered whenever that event is triggered. The RTPOHDR event contains information from the Purchase Order Header table (F4301).

Objects that Can Initiate the Event

These objects can initiate the RTPOHDR event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- P43360 - Release Open Quotations
- R43500 - Purchase Order Print
- R43510 - Purchase Receiver Print
- R47021 - EDI Inbound PO Acknowledgement
- R47132 - EDI Purchase Order Change Extraction
- R47141 - EDI Inbound PO Change Acknowledgement
- B3100200 - Update Routing Quantity and Date
- B3100410 - Update Purchase Order Hold Code
- B4300250 - Release Held Order
- B4300330 - Update PO Next Status
- B4301230 - F4311-Update Original PO Line
- B4300870 - F43092, Update Disposition Information
- N4002540 - F4211 Direct Ship Order Integrity
- N4301240 - Reverse Matched Voucher
- N4900330 - F4215 Approve Shipment

- N4900570 - Update F4211 and F49211 with Shipment Number
- N4900640 - F4215 Unapprove Shipment
- N4901130 - F4311 Update Purchase Order Detail with Routing
- XT4311Z1 - Purchase Order Entry Master Business Function
- XT4312Z1 - Purchase Order Receipts Master Business Function
- XT4314ZN - Voucher Match Master Business Function

RTPODTL

RTPODTL is used by the PeopleSoft EnterpriseOne system to notify third-party systems about purchase order changes.

Event Name	<i>RTPODTL</i>
Event Description	<i>RTPOOUT Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H43</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4302470B: Purchase Order Detail</i>
Event Relationship	Included in container event RTPOOUT.

Event Fields

The RTPODTL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric		Line Number
MCU	szBranchPlant	String	12	Business Unit
AN8	mnSupplierAddressNumber	Numeric	8	Address Number
SHAN	mnShipToAddressNumber	Numeric	8	Address Number - Ship To

Data Item / Alias	Description	Data Type	Size	Element
PRRC	mnPurchasingUnitCost	Numeric	15	Amount - Unit Cost
FRRC	mnForeignPurchasingUnitCost	Numeric	15	Amount - Foreign Unit Price
CRCO	szCurrencyCode	String	3	Currency Code - From
UORG	mnTransactionQuantity	Numeric	15	Units - Order/Transaction Quantity
UOM	szTransactionUnitOfMeasure	String	2	Unit of Measure as Input
UOM1	szPrimaryUnitOfMeasure	String	2	Unit of Measure - Primary
UOM3	szPurchasingUnitOfMeasure	String	2	Unit of Measure - Purchasing
DRQJ	jdRequestedDate	Date	6	Date - Requested
PDDJ	jdPromisedDeliveryDate	Date	6	Date - Scheduled Pick
DSVJ	jdServiceTaxDate	Date	6	Date - Service/Tax
DSC1	szItemDescription	String	30	Description
UITM	szItemNumber	String	26	Item Number - Unknown Format Entered
ANI	szAccountNumber	String	29	Account Number - Input (Mode Unknown)
TX	cTaxableYN	Char	1	Purchasing Taxable (Y/N)
TXA1	szTaxRateArea	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Exp Code1
TORG	szTransactionOriginator	String	10	Transaction Originator
VR02	szReference2Vendor	String	25	Reference 2
OORN	szOriginalPOSONumber	String	8	Original Order Number
VR01	szReference	String	25	Reference
PPDJ	jdPromisedShipDate	Date	6	Date - Promised Shipment
AEXP	mnExtendedCost	Numeric	15	Amount - Extended Price
FEA	mnForeignExtendedCost	Numeric	15	Amount - Foreign Extended Price
ASID	szAssetID	String	25	Serial Number

Data Item / Alias	Description	Data Type	Size	Element
SBL	szSubledger	String	8	Sub ledger - G/L
SBLT	cSubledgerType	Char	1	Sub ledger Type
MOT	szModeOfTransport	String	3	Mode of Transport
ANCR	mnCarrier	Numeric	8	Carrier Number
PDP5	szLandedCostRule	String	3	Reporting Code 5 - Purchasing
OCTO	szOriginalOrderType	String	2	Original Order Type
OKCO	szOriginalOrderCompany	String	5	Document Company Original Order)
OGNO	mnOriginalOrderLineNumber	Numeric	7	Original Line Number
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
OSFX	szOriginalOrderSuffix	String	3	Document Pay Item - Original
LITM	szSecondItemNumber	String	25	2nd Item Number
AITM	szThirdItemNumber	String	25	3rd Item Number
CITM	szSupplierItemNumber	String	25	Item Number - Customer /Supplier
UPCN	szUPCItemNumber	String	13	UPC Number
ALKY	szShipToDescriptive	String	20	Long Address Number
LOCN	szLocation	String	20	Location
LOTN	szLotNumber	String	30	Lot/Serial Number
UNCD	cWoOrderFreezeCode	Char	1	Work Order Freeze Code
PS01	cTransferDirectShipFlag	Char	1	Transfer/Direct Ship Flag
PDS1	szReportingCodeSales1	String	3	Reporting Code 1 - Sales
PDS2	szReportingCodeSales2	String	3	Reporting Code 2 - Sales

Data Item / Alias	Description	Data Type	Size	Element
PDS3	szReportingCodeSales3	String	3	Reporting Code 3 - Sales
PDS4	szReportingCodeSales4	String	3	Reporting Code 4 - Sales
PDS5	szReportingCodeSales5	String	3	Reporting Code 5 - Sales
PDP1	szReportingCodePurchasing1	String	3	Reporting Code 1 - Purchasing
PDP2	szReportingCodePurchasing2	String	3	Reporting Code 2 - Purchasing
PDP3	szReportingCodePurchasing3	String	3	Reporting Code 3 - Purchasing
PDP4	szReportingCodePurchasing4	String	3	Reporting Code 4 - Purchasing
PDP5	szReportingCodePurchasing5	String	3	Reporting Code 5 - Purchasing
RORN	szRelatedOrderNumber	String	8	Related PO/SP/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SP/WO Order Type
RKCO	szRelatedOrderKeyCompany	String	5	Company - Key (Related Order)
RLLN	mnRelatedOrderLineNumber	Numeric	7	Related PO/SO Line Number
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeUpdated	Numeric	6	Time of Day
UOM	szPlanningUOM	String	2	Unit of Measure as Input
UOPN	mnPlanningQuantity	Numeric	15	Units - Open
MCU	szShippingBranchPlant	String	12	Business Unit
EV01	cAPSFlag	Char	1	APS Flag
EV01	cAPSSupplyDemandFlag	Char	1	APS Supply Demand Flag
ALPH	szAlphaName	String	40	Name - Alpha
UOPN	mnOpenQuantity	Numeric	15	Units - Open
ACTN	cOrderAction	Char	1	Order Action
NXTR	szNext Status	String	4	Order Next Status
LTTR	szLast Status	String	4	Order Last Status
LNTY	szLine Type	String	3	Line Type
CO	szCompany	String	5	Company

Data Item / Alias	Description	Data Type	Size	Element
DMCT	szAgreementNumberDistribution	String	12	Agreement Number - Distribution
DMCS	mnAgreementSuppleDistribution	Numeric	3	Agreement Supplement - Distribution
TRDJ	jdOrderDate	Date	6	Date - Order/Transaction
OPDJ	jdDateOriginalPromisedDelivery	Date	6	Date - Original Promised Delivery
ADDJ	jdActualShipDate	Date	6	Date - Actual Ship Date
CNDJ	jdCancelDate	Date	6	Date - Cancel
DGL	jdGLDate	Date	6	Date - For G/L (and Voucher)
FRGD	szFromGrade	String	3	From Grade
THGD	szThruGrade	String	3	Thru Grade
FRMP	mnFromPotency	Numeric	7	From Potency
THRP	mnThruPotency	Numeric	7	Thru Potency
DSC2	szDescriptionLine2	String	30	Description - Line 2
RLIT	szItemNumberRelatedKit	String	8	Item Number - Related (Kit)
UCHG	mnUnitsOnHold	Numeric	15	Units - On Hold
UREC	mnUnitsReceived	Numeric	15	Units - Received
CREC	mnCumulativeReceived	Numeric	15	Units - Cumulative Received
URLV	mnUnitsRelieved	Numeric	15	Units - Relieved
OTQY	cOtherQuantity	Char	1	Other Quantity (1/2)
ACHG	mnAmountOnHold	Numeric	15	Amount - On Hold
AREC	mnAmountReceived	Numeric	15	Amount - Received
ARLV	mnAmountRelieved	Numeric	15	Amount - Relieved
FTN1	mnAmountTaxCommitment	Numeric	15	Amount - Tax Commitment
TRLV	mnTaxAmountRelieved	Numeric	15	Amount - Tax Relieved
AMC3	mnUnitCostPurchasing	Numeric	15	Unit Cost - Purchasing
ECST	mnAmountExtendedCost	Numeric	15	Amount - Extended Cost

Data Item / Alias	Description	Data Type	Size	Element
TXLN	szPrintMessageText	String	60	Message Text Line
DSPR	mnDiscountFactor	Numeric	7	Discount Factor
PTC	szPaymentTermsCode	String	3	Payment Terms Code
CNID	szContainerID	String	20	Container I.D.
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
ANBY	mnBuyerNumber	Numeric	8	Buyer Number
PQOR	mnUnitsPrimaryQtyOrder	Numeric	15	Units - Primary Quantity Ordered
UOM2	szUnitOfMeasureSecondary	String	2	Unit of Measure - Secondary
SQOR	mnUnitsSecondaryQtyOrdered	Numeric	15	Units - Secondary Quantity Ordered
ITWT	mnAmountUnitWeight	Numeric	15	Unit Weight
WTUM	szWeightUnitOfMeasure	String	2	Weight Unit of Measure
ITVL	mnAmountUnitVolume	Numeric	15	Unit Volume
VLUM	szVolumeUnitOfMeasure	String	2	Volume Unit of Measure
RCD	szReasonCode	String	3	Reason Code
OMCU	szProjectBusinessUnit	String	12	Project Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
WR01	szCategoriesWorkOrder001	String	4	Categories - Work Order 01
PL	szPlan	String	4	Plan Number
ELEV	szElevation	String	3	Elevation
AVCH	cCodeAutomaticVoucher	Char	1	Code - Evaluated Receipt Settlement
RTGC	cRoutingProcessYN	Char	1	Routing Process (Y/N)
CORD	mnChangeOrderNumber	Numeric	3	Change Order Number
CHLN	mnChangeOrderLineNumber	Numeric	7	Change Order Line Number
CRR	mnCurrencyConverRate	Numeric	15	Currency Conversion Rate - Spot Rate

Data Item / Alias	Description	Data Type	Size	Element
FUC	mnAmountForeignUnitCost	Numeric	15	Amount - Foreign Unit Cost
FEC	mnAmountForeignExtCost	Numeric	15	Amount - Foreign Extended Cost
FCHG	mnForeignChangedAmount	Numeric	15	Amount - Foreign Changed Amount
FAP	mnAmountForeignOpen	Numeric	15	Amount - Foreign Open
1	mnAmountReceivedForeign	Numeric	15	Amount - Received Foreign
VR05	szOutsideReverence2	String	25	Outside Reference 2
VR04	szOutsideReverence1	String	25	Outside Reference 1
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
PRJM	mnProjectNumber	Numeric	8	Project Number
MCLN	mnMatrixControlLine	Numeric	6	Matrix Control Line Number
MACT	cMultipleAccounts	Char	1	Multiple Accounts
KTLN	mnLineNumberKitMaster	Numeric	6	Kit Master Line Number
FTRL	mnTaxForeignAmountRelieved	Numeric	15	Amount - Foreign Tax Relieved
DUAL	cDualUnitOfMeasureItem	Char	1	Dual Unit Of Measure Item
DLEJ	jdLotEffectivityDate	Date	6	Lot Effectivity Date
CPNT	mnComponentLineNumber	Numeric	4	Component Line Number
VR03	szReferenceUCISNo	String	25	Reference
PMTN	szPromotionID	String	12	Promotion ID
UNSPSC	szUNSPSCCode	String	8	UNSPSC Commodity Code
CMDCDE	szCommodityCode	String	15	Commodity Code
UREC	mnQuantityReceivedPlanning	Numeric	15	Units - Received

Conceptual Approach

This realtime event is contained in the RTPOOUT event and is triggered whenever that event is triggered. The RTPOHDR event contains information from the Purchase Order Detail table (F4311).

Objects that Can Initiate the Event

These objects can initiate the RTPODTL event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- P43360 - Release Open Quotations
- R43500 - Purchase Order Print
- R43510 - Purchase Receiver Print
- R47021 - EDI Inbound PO Acknowledgement
- R47132 - EDI Purchase Order Change Extraction
- R47141 - EDI Inbound PO Change Acknowledgement
- B3100200 - Update Routing Quantity and Date
- B3100410 - Update Purchase Order Hold Code
- B4300250 - Release Held Order
- B4300330 - Update PO Next Status
- B4301230 - F4311-Update Original PO Line
- B4300870 - F43092, Update Disposition Information
- N4002540 - F4211 Direct Ship Order Integrity
- N4301240 - Reverse Matched Voucher
- N4900330 - F4215 Approve Shipment
- N4900570 - Update F4211 and F49211 with Shipment Number
- N4900640 - F4215 Unapprove Shipment
- N4901130 - F4311 Update Purchase Order Detail with Routing
- XT4311Z1 - Purchase Order Entry MBF
- XT4312Z1 - Purchase Order Receipts MBF
- XT4314ZN - Voucher Match MBF

RTPODIST

RTPODIST is used by the PeopleSoft EnterpriseOne system to notify third-party systems when purchase order header and detail information is created or changed..

Event Name	<i>RTPODIST</i>
Event Description	<i>PO Multiple Accounts</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>43</i>
Reliable Delivery	<i>1</i>

Timeout Threshold 0

Data Structure D4302470C: Purchase Order Multiple Accounts

Event Relationship Included in container event RTPOOUT.

Event Fields

The RTPODIST event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
KCOO	szOrderCompany	String	5	Order Company (Order Number)
DOCO	mnOrderNumber	Number	8	Document (Order No, Invoice)
DCTO	szOrderType	String	2	Order Type
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnLineNumber	Number	6	Line Number
DLNID	mnDistributionLineNumber	Number	6	DistributionLine Number
ANI	szAccountNo	String	29	Account Number - Input (Mode)
AID	szAccountId	String	8	Account ID
OMCU	szProjectBusinessUnit	String	12	Project Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
DL01	szDescription	String	30	Description
SBL	szSubledger	String	8	Subledger - G/L
SBLT	cSubledgerType	Char	1	Subledger Type
DGL	jdGLDate	Date	6	Date - For G/L (and Voucher)
R001	szCategoryCodeGl001	String	3	Category Code - G/L1
CO	szCompany	String	5	Company
MAST	cSplitType	Char	1	Split Type
MASP	mnSplitPercentage	Number	7	Split - Percentage
MASA	mnSplitAmount	Number	15	Split - Amount
MASU	mnSplitQuantity	Number	15	Split - Quantity

Data Item / Alias	Description	Data Type	Size	Element
UOVR	cSplitQuantityOverride	Char	1	Split Quantity Override
MASF	mnSplitForeignAmount	Number	15	Split - Foreign Amount
UORG	mnUnitsTransactionQty	Number	15	Units - Order/Transaction
UCHG	mnUnitsOnHold	Number	15	Units - On Hold
UOPN	mnUnitsOpen	Number	15	Units - Open
UREC	mnUnitsReceived	Number	15	Units - Received
URLV	mnUnitsRelieved	Number	15	Units - Relieved
AEXP	mnAmountExtendedPrice	Number	15	Amount - Extended Price
ACHG	mnAmountOnHold	Number	15	Amount - On Hold
AOPN	mnAmountOpen	Number	15	Amount - Open
AREC	mnAmountReceived	Number	15	Amount - Received
ARLV	mnAmountRelieved	Number	15	Amount - Relieved
FTN1	mnAmountTaxCommitment	Number	15	Amount - Tax Commitment
TRLV	mnTaxAmountRelieved	Number	15	Amount - Tax Relieved
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From
FEA	mnAmountForeignExtPrice	Number	15	Amount - Foreign Extended
FCHG	FomnreignChangedAmount	Number	15	Amount - Foreign Changed
FAP	mnAmountForeignOpen	Number	15	Amount - Foreign Open
FREC	mnAmountReceivedForeign Order	Number	15	Amount - Received Foreign
CTAM	mnForeignTaxAmount	Number	15	Amount - Foreign Tax
FTRL	mnTaxForeignAmountRelieved	Number	15	Amount - Foreign Tax Relieved
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Number	15	User Reserved Amount
URAB	mnUserReservedNumber	Number	8	User Reserved Number

Data Item / Alias	Description	Data Type	Size	Element
URRF	szUserReservedReference	String	15	User Reserved Reference
ACTN	cOrderAction	Char	1	Order Action

Conceptual Approach

This realtime event is contained in the RTPOOUT event and is triggered whenever that event is triggered. The RTPOHDR event contains information from the Purchase Order Multiple Accounts table (F4316).

Objects that Can Initiate the Event

These objects can initiate the RTPODIST event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- P43360 - Release Open Quotations
- R43500 - Purchase Order Print
- R43510 - Purchase Receiver Print
- R47021 - EDI Inbound PO Acknowledgement
- R47132 - EDI Purchase Order Change Extraction
- R47141 - EDI Inbound PO Change Acknowledgement
- B3100200 - Update Routing Quantity and Date
- B3100410 - Update Purchase Order Hold Code
- B4300250 - Release Held Order
- B4300330 - Update PO Next Status
- B4301230 - F4311-Update Original PO Line
- B4300870 - F43092, Update Disposition Information
- N4002540 - F4211 Direct Ship Order Integrity
- N4301240 - Reverse Matched Voucher
- N4900330 - F4215 Approve Shipment
- N4900570 - Update F4211 and F49211 with Shipment Number
- N4900640 - F4215 Unapprove Shipment
- N4901130 - F4311 Update Purchase Order Detail with Routing
- XT4311Z1 - Purchase Order Entry MBF
- XT4312Z1 - Purchase Order Receipts MBF
- XT4314ZN - Voucher Match MBF

RTRECOUT

RTRECOUT is used by the PeopleSoft EnterpriseOne system to notify third-party systems when a purchase order receipt is created.

Event Name	<i>RTRECOUT</i>
Event Description	<i>Receipt Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>43B</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4303420: Receipt Realtime Event Template</i>

Event Fields

The RTRECOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
EV01	cReceiptAction	Char	1	EnterpriseOne Event Point 01
MATC	cMatchType	Char	1	Type - Match Record Type
AN8	mnSupplierNumber	Numeric	8	Address Number
KCOO	szOrderCompany	String	5	Order Company (Order Number)
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnLineNumber	Numeric	6	Line Number
NLIN	mnReceiptLineNumber	Numeric	5	Number of Lines
ALIN	mnAssociatedLine	Numeric	5	Line - Associated
RTBY	szWrittenByProgram	String	2	Written By Program
DMCT	szAgreementNumberDistribution	String	12	Agreement Number - Distribution
DMCS	mnAgreementSuppDistribution	Numeric	3	Agreement Supplement - Distribution
ITM	mnIdentifierShortItem	Numeric	8	Item Number - Short

Data Item / Alias	Description	Data Type	Size	Element
LITM	szIdentifier2ndItem	String	25	2nd Item Number
AITM	szIdentifier3rdItem	String	25	3rd Item Number
IMCU	szItemBusinessUnit	String	12	Item Business Unit
LOCN	szLocation	String	20	Location
LOTN	szLotSerialNumber	String	30	Lot/Serial Number
LOTG	szLotGrade	String	3	Lot Grade
LOTP	mnLotPotency	Numeric	15	Lot Potency
VRMK	szVendorRemark	String	30	Supplier Remark
CNID	szContainerID	String	20	Container I.D.
NXTR	szStatusCodeNext	String	3	Status Code - Next
LTTR	szStatusCodeLast	String	3	Status Code - Last
TRDJ	jdTransactionDate	Date	6	Date - Order/Transaction
RCDJ	jdDateReceived	Date	6	Date - Received
DRQJ	jdDateRequested	Date	6	Date - Requested
PDDJ	jdPromisedDeliveryDate	Date	6	Date - Scheduled Pick
OPDJ	jdDateOriginalPromised	Date	6	Date - Original Promised Delivery
RCD	szReasonCode	String	3	Reason Code
VINV	szVendorInvoiceNumber	String	25	Supplier Invoice Number
PTC	szPaymentTermsCode	String	3	Payment Terms Code
LAND	cLandedCostCode	Char	1	Code - Landed Cost
PRP5	szPurchasingCategoryCode5	String	3	Purchasing Category Code 5
ILOG	cInvoiceLoggingCode	Char	1	Code - Invoice Logging
DLOG	cFinalReceiptFlag	Char	1	Final Receipt Flag (Y or BLANK)
RTGC	cRoutingProcessYN	Char	1	Routing Process (Y/N)
RCPF	cLeadtimeRecalculated	Char	1	Leadtime Recalculated (Y/N)

Data Item / Alias	Description	Data Type	Size	Element
AVCH	cEvaluatedReceiptSettlement	Char	1	Code - Evaluated Receipt Settlement
LNTY	szLineType	String	2	Line Type
MCU	szBusinessUnit	String	12	Business Unit
CO	szCompany	String	5	Company
AID	szAccountId	String	8	Account ID
ANI	szAcctNoInputMode	String	29	Account Number - Input (Mode Unknown)
OMCU	szProjectBusinessUnit	String	12	Project Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
ASID	szSerialNumber	String	25	Serial Number
SBL	szSubledger	String	8	Subledger - G/L
SBLT	cSubledgerType	Char	1	Subledger Type
KCO	szDocumentCompany	String	5	Document Company
DOC	mnDocVoucherInvoiceNumber	Numeric	8	Document (Voucher, Invoice, etc.)
DCT	szDocumentType	String	2	Document Type
SFX	szDocumentPayItem	String	3	Document Pay Item
DGL	jdDateForGLAndVoucher	Date	6	Date - For G/L (and Voucher)
JELN	mnJournalEntryLineNo	Numeric	7	Journal Entry Line Number
VANI	szRecNotVoucherAccount	String	29	Account Number - Received Not Vouchered
TX	cTaxableYN	Char	1	Purchasing Taxable (Y/N)
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
TXA1	szTaxArea	String	10	Tax Rate/Area
UOM	szUnitOfMeasureAsInput	String	2	Unit of Measure as Input
UORG	mnUnitsTransactionQty	Numeric	15	Units - Order/Transaction Quantity

Data Item / Alias	Description	Data Type	Size	Element
UPTD	mnQuantityPaidToDate	Numeric	15	Units - Paid to Date
UOPN	mnUnitsOpenQuantity	Numeric	15	Units - Open
UREC	mnUnitsReceived	Numeric	15	Units - Received
UCLO	mnUnitsClosed	Numeric	15	Units - Closed
QTYS	mnQuantityStocked	Numeric	15	Units - Stocked
QTYR	mnQuantityReturned	Numeric	15	Units - Returned
QTYW	mnQuantityReworked	Numeric	15	Units - Reworked
QTYC	mnQuantityScrapped	Numeric	15	Units - Scrapped
QTYJ	mnQuantityRejected	Numeric	15	Units - Rejected
QTYA	mnQuantityAdjusted	Numeric	15	Units - Adjusted
UOM3	szUnitOfMeasurePurchasing	String	2	Unit of Measure - Purchasing
PRRC	mnUnitCost	Numeric	15	Amount - Unit Cost
ECST	mnAmountExtendedCost	Numeric	15	Amount - Extended Cost
APTD	mnAmountPaidToDate	Numeric	15	Amount - Paid to Date
AOPN	mnAmountOpen	Numeric	15	Amount - Open
AREC	mnAmountReceived	Numeric	15	Amount - Received
ACLO	mnAmountClosed	Numeric	15	Amount - Closed
AVCO	mnAverageCostDifference	Numeric	15	Amount - Average Cost Difference
VARC	mnCostVariance	Numeric	15	Amount - Cost Variance
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From
CRR	mnCurrencyConverRate	Numeric	15	Currency Conversion Rate - Spot Rate
FRRC	mnForeignUnitCost	Numeric	15	Amount - Foreign Unit Price
FEC	mnAmountForeignExtCost	Numeric	15	Amount - Foreign Extended Cost
FAP	mnAmountForeignOpen	Numeric	15	Amount - Foreign Open
FAPT	mnAmountForeignPaidTd	Numeric	15	Amount - Foreign Amount Paid to Date

Data Item / Alias	Description	Data Type	Size	Element
FREC	mnAmountReceivedForeign	Numeric	15	Amount - Received Foreign
FCLO	mnForeignAmountClosed	Numeric	15	Amount - Foreign Closed
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
TORG	szTransactionOriginator	String	10	Transaction Originator
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
TERM	szTerminalIdentification	String	10	terminal identification
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day
BCRC	szCurrencyCodeBase	String	3	Currency Code - Base
STAM	mnAmtTax	Numeric	15	Amount - Tax
CTAM	mnForeignTaxAmount	Numeric	15	Amount - Foreign Tax
MACT	cMultipleAccounts	Char	1	Multiple Accounts
PLT	szSSCCNumberTareLevel	String	18	SSCC Number - Tare Level
PAK	szSSCCNumberPackLevel	String	18	SSCC Number - Pack Level
SCCN	szSCCNumber	String	14	SCC Number
SCCQ	mnSCCQuantity	Numeric	15	SCC Quantity
SCUM	szSCCUnitofMeasure	String	2	SCC Unit of Measure
UPCN	szUPCNumber	String	13	UPC Number
UPQT	mnUPCQuantity	Numeric	15	UPC Quantity
UPUM	szUPCUnitofMeasure	String	2	UPC Unit of Measure

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
VR01	szReference	String	25	Reference
VR02	szReference2Vendor	String	25	Reference 2
FUF3	szFutureUseFuf3	String	1	Future Use
FUF4	szFutureUseFuf4	String	1	Future Use
FUF5	szFutureUseFuf5	String	1	Future Use
FUF6	szFutureUseFuf6	String	1	Future Use
MERL	szItemRevisionLevel	String	3	Item Revision Level
KTLN	mnLinNumberKitMaster	Numeric	6	Kit Master Line Number
CPNT	mnComponentLineNumber	Numeric	4	Component Line Number
VR04	szOutsideReverence1	String	25	Outside Reference 1
VR05	szOutsideReverence2	String	25	Outside Reference 2
UOM2	szUnitOfMeasureSecondary	String	2	Unit of Measure - Secondary
DUAL	cDualUnitOfMeasureItem	Char	1	Dual Unit Of Measure Item
SQOR	mnUnitsSecondaryQtyOrdered	Numeric	15	Units - Secondary Quantity Ordered
XDCK	cCrossDockFlag	Char	1	Cross-Docking Flag
POE	szPortOfEntryExit	String	6	Port of Entry or Exit
VR03	szReferenceUCISNo	String	25	Reference
LDNM	mnLoadNumber	Numeric	8	Load Number

Conceptual Approach

This event is triggered when a purchase order receipt is created in the PeopleSoft EnterpriseOne system.

Objects that Can Initiate the Event

These objects can initiate the RTRECOU event:

- B4301300 - F43121 Update Landed Cost Records
- B4301440 - F43121 Copy Row With New Receipt Line Number
- B7600400 - Receive NF Records - Brazil
- B7602020 - Add Lines to Receipt File - Brazil

- NXT43092 - Receipt Routing
- X43091 - Receipt Routing Initiator
- XF43121 - Purchase Order Item Ledger Functions
- N4301430 - F43121 Update Line Split In Receipt Routing
- B4300720 - F43121, Update Receipt Date
- P4312 - PO RECEIPTS

RTPOHLDOUT

RTPOHLDOUT is used by the PeopleSoft EnterpriseOne system to notify third-party systems when a purchase order hold is released.

Event Name	<i>RTPOHLDOUT</i>
Event Description	<i>PO Hold Status Real Time Event</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>43</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4302700B: PO Hold Status Real Time Event</i>

Event Fields

The RTPOHLDOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
KCOO	szOrderCompany	String	5	Order Company (Order Number)
DOCO	mnOrderNumber	Number	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
SFXO	szOrderSuffix	String	3	Order Suffix
MCU	szOrderBusinessUnit	String	12	Business Unit
EV01	cOrderHoldStatus	Char	1	EnterpriseOne Event Point 01
HOLD	szHoldOrdersCode	String	2	Hold Orders Code

Conceptual Approach

When a held purchase order is released from the Held Order Release application (P43070) in the PeopleSoft EnterpriseOne system, the Release Held Order business function (B4300250) is called to removed the order hold code from the Purchase Order Header table (F4301) and the held order is released in the PeopleSoft EnterpriseOne system. After the order hold code is removed from the F4301 table, the PO Hold Status Real Time Event Notification business function (B4302700) is called in B4300250 to generate a realtime notification event (PO Hold Status Real Time Event). This event contains purchase order key, PO business unit, and a hold status flag that indicates the held order is released.

Objects that Can Initiate the Event

The Release Held Orders program (P4307070) can initiate the RTPOHLDOUT event.

Sales

This section discusses the realtime events generated by Sales Order Management system.

RTINVOUT

RTINVOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems that an invoice has been created or changed. This transaction is for the publishing information required to meet the RosettaNet standards.

Event Name	<i>RTINVOUT</i>
Event Description	<i>InvoiceManageNotify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i> Container event for: RTINVOUTA (D4202330B) RTINVOUTB (D4202330C)
Product Code	<i>H42</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

The RTINVOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
DOC DCT KCO	Various	String		Invoice
				SoldTo
AN8	Address Number - Sold To	Numeric	8	Customer
ALKY	Long Address Number	String	20	CustomerDescriptive

Data Item / Alias	Description	Data Type	Size	Element
TAX	Tax ID	String	20	TaxIdentifier
				Address
MLNM	Name - Mailing	String	40	MailingName
ADD1	Address Line 1	String	40	AddressLine1
ADD2	Address Line 2	String	40	AddressLine2
ADD3	Address Line 3	String	40	AddressLine3
ADD4	Address Line 4	String	40	AddressLine4
CTY1	City	String	25	City
COUN	County	String	25	County
ADDS	State	String	3	State
ADDZ	Postal Code	String	12	ZipPostalCode
CTR	Country	String	3	Country
				BillTo
AN8	Address Number - Sold To	Numeric	8	BillTo
ALKY	Long Address Number	String	20	BillToDescriptive
TAX	TaxID	String	20	TaxIdentifier
				Address
MLNM	Name - Mailing	String	40	MailingName
ADD1	Address Line 1	String	40	AddressLine1
ADD2	Address Line 2	String	40	AddressLine2
ADD3	Address Line 3	String	40	AddressLine3
ADD4	Address Line 4	String	40	AddressLine4
CTY1	City	String	25	City
COUN	County	String	25	County
ADDS	State	String	3	State
ADDZ	Postal Code	String	12	ZipPostalCode

Data Item / Alias	Description	Data Type	Size	Element
CTR	Country	String	3	Country
				RemitTo
AN8	Address Number - Sold To	Numeric	8	RemitTo
ALKY	Long Address Number	String	20	RemitToDescriptive
TAX	TaxID	String	20	TaxIdentifier
				Address
MLNM	Name - Mailing	String	40	MailingName
ADD1	Address Line 1	String	40	AddressLine1
ADD2	Address Line 2	String	40	AddressLine2
ADD3	Address Line 3	String	40	AddressLine3
ADD4	Address Line 4	String	40	AddressLine4
CTY1	City	String	25	City
COUN	County	String	25	County
ADDS	State	String	3	State
ADDZ	Postal Code	String	12	ZipPostalCode
CTR	Country	String	3	Country
				ShipFrom
MCU	Business Unit Header	String	12	ShipFrom
				Financial
CRCD	Currency Code - From	String	3	CurrencyCode
ITOL	Invoice Total	Numeric	15	InvoiceTotal
PTC	Payment Terms Code	String	3	PaymentTermsCode
DDJ	Date - Net Due	Date	6	PaymentDueDate
IDSC	Amount - Invoice Discount Available	Numeric	15	PaymentDiscountAmount
				Dates
IND	Date - Invoice	Date	6	InvoiceDate

Data Item / Alias	Description	Data Type	Size	Element
				Tax
TAX1	Sales Taxable	Char	1	SalesTaxable
TXA1	Tax Rate/Area	String	10	TaxRateArea
EXR1	Tax Expl Code	String	2	TaxExplanationCode
STAM	Amount - Tax	Numeric	15	TaxAmount
				Misc
VR01	Reference	String	25	TextAttachment
EV01	Everest Event Type 01	Char	1	Rebill
				Detail[]
DOC DCT KCO LNID	Various	String		InvoiceLineNumber
DOCO DCTO KCOO	Various	String		SalesOrder
DOCO DCTO KCOO LNID	Various	String		SalesOrderLineNumber
MCU	BusinessUnit	String	12	BusinessUnit
PSN	Pick Slip Number	Numeric	15	PickSlipNumber
				ShipTo
SHAN	Address Number - Ship To	Numeric	8	ShipTo
ALKY	Long Address Number	String	20	ShipToDescriptive
				Address
MLNM	Name - Mailing	String	40	MailingName
ADD1	Address Line 1	String	40	AddressLine1
ADD2	Address Line 2	String	40	AddressLine2
ADD3	Address Line 3	String	40	AddressLine3
ADD4	Address Line 4	String	40	AddressLine4
CTY1	City	String	25	City
COUN	County	String	25	County
ADDS	State	String	3	State

Data Item / Alias	Description	Data Type	Size	Element
ADDZ	Postal Code	String	12	ZipPostalCode
CTR	Country	String	3	Country
				Dates
ADDJ	Shipment Date	Date	6	ShipmentDate
TRDJ	Date - Order/Transaction	Date	6	OrderDate
				Product
ITM	Item Number - Short	Numeric	8	Item
AITM	2 nd Item Number	String	25	ProductItem
LITM	3 rd Item Number	String	25	CatalogItem
CITM	Item Number - Customer /Supplier	String	25	PartnerItem
UPCN	UPC Number	String	13	UPCEANItem
				Quantity
SOQS	Quantity Shipped	Numeric	15	QuantityShipped
SOBK	Units - Qty Backordered/Held	Numeric	15	QuantityBackordered
SOCN	Units - Qty Canceled/Scrapped	Numeric	15	QuantityCanceled
UOM	Unit of Measure as Input	String	2	TransactionUnitOfMeasure
				Financial
CRCD	Currency Code - From	String	3	CurrencyCode
UPRC	Amount - Price Per Unit	Numeric	15	UnitPrice
AEXP	Amount - Extended Price	Numeric	15	ExtendedPrice
ATAT	Prepayment Amount	Numeric	15	PrepaymentAmount
AEXP	Amount - Extended Price	Numeric	15	AdjustmentAmount
				Tax
TAX1	Sales Taxable	Char	1	SalesTaxable
TXA1	Tax Rate/Area	String	10	TaxRateArea
EXR1	Tax Expl Code	String	2	TaxExplanationCode

Data Item / Alias	Description	Data Type	Size	Element
STAM	Amount - Tax	Numeric	15	TaxAmount
TA1	TaxAuthority1	Numeric	8	NationalAuthority
STAM	Tax Amount	Numeric	15	NationalTaxAmount
TXR1	Tax Rate	Numeric	7	NationalTaxRate
TA2	TaxAuthority2	Numeric	8	RegionalAuthority
STAM	Tax Amount	Numeric	15	RegionalTaxAmount
TXR2	Tax Rate	Numeric	7	RegionalTaxRate
TA3	TaxAuthority3	Numeric	8	CityAuthority
STAM	Tax Amount	Numeric	15	CityTaxAmount
TXR3	Tax Rate	Numeric	7	CityTaxRate
TA4	TaxAuthority4	Numeric	8	DistrictAuthority
STAM	Tax Amount	Numeric	15	DistrictTaxAmount
TXR4	Tax Rate	Numeric	7	DistrictTaxRate
				Delivery
SHPN	Shipment Number	Numeric	8	ShipmentNumber
MOT	Mode of Transport	String	3	ModeOfTransport
FRTH	Freight Handling Code	String	3	FreightHandlingCode
CARS	Carrier	Numeric	8	Carrier
ALKY	Long Address Number	String	20	CarrierDescriptive

Conceptual Approach

When a new Invoice Number, Invoice Type, or Invoice Company is assigned to a sales order detail record in the Sales Order Detail (F4211) table, the RTINVOUT realtime event is published.

Objects that Can Initiate the Event

These objects can initiate the RTINVOUT event:

- D4202330 - Invoice Real Time Event Notification
- R42565 - Invoice Print
- R42800 - Sales Update (This is published only when a new Invoice Number, Invoice Type, and Invoice Company is assigned to a sales order.)

RTSOOUT

The RTSOOUT event is used by the PeopleSoft EnterpriseOne system to publish sales order header and detail information.

Event Name	<i>RTSOOUT</i>
Event Description	<i>Sales Order</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Container event for: RTSOHDR (D4202310A) RTSODTL (D4202310B)
Product Code	<i>H42</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

Please refer to the list of fields defined for the RTSOHDR and RTSODTL single events.

Conceptual Approach

When a user creates, modifies, or cancels a sales order, the system triggers a notification event for the XPI integration to publish. This notification event, RTSOOUT, contains two separate events: RTSOHDR and RTSODTL. The RTSOHDR event contains all information pertinent to the sales order header. The RTSODTL event contains all information pertinent to each sales order detail line. Supplemental to the primary RTSOOUT event, the XPI integration also publishes an RTSOAPS event, which will include supply and demand information as well as sales order quantities in a common unit of measure (defined in integration constants).

Objects that Can Initiate the Event

These objects can initiate the RTSOOUT event:

- P4210 - Sales Order Entry
- B4202320 - Sales Order Real-Time Event Notify Function
- B4200310 - Sales Order Entry Master Business Function
- P42040 - Sales Order Speed Status Update
- B4201220 - Update F4211 And F42199
- R42565 - Invoice Print
- R42800 - Sales Update
- B4003000 - XPILoadUnloadCache Business Function
- B4003000 - XPIPublishEvents Business Function
- B4003000 - XPIIEOEnabled Business Function
- B4003010 - XPILoadUnloadCache Business Function
- B4003010 - XPIPublishEvents Business Function
- B4003010 - XPIIEOEnabled Business Function

- R42520 - Print Pick Slip
- R42521 - Packaged Pick Slip
- R42522 - Control Pick Slip
- R42997 -Inventory Commitment
- R42995 - Repost Active Sales Order
- B4200250 -F4201 Update Order Totals
- B4200640 -F4211 Update Pick Slip Information
- B4200920 -F4211 Get Shipment Info Source File
- B4200380 - Inventory Availability and Commitment
- B4200450 - Advanced Sales Order Detail Line Split
- N4200790 - Shipment Confirmation
- P42117 - Backorder Release Online
- B4200860 - Backorder Release MBF
- B4200740 - Update Misc. F4201 Fields
- B4200970 - F4211 Update Backorder Info
- R42530 - Bill of Lading
- B4200330 - Update Misc F4211 Fields
- R42535 - Delivery Notes Print
- R49700 - Cycle Billing Program
- R42810 - Sales Journal
- B4201300 - F42UI130 F4211 SO Detail Line Split
- R47131 - EDI Inbound Purchase Order Change
- N4900330 - Update Sales Detail with Shipment Routing
- N4600455 - Change F4211 SO Detail File

RTSOHDR

RTSOHDR is used by the PeopleSoft EnterpriseOne system to publish sales order header information.

Event Name	<i>RTSOHDR</i>
Event Description	<i>Sales Order Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H42</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4202310A: Sales Order Real-Time Event Header</i>

Event Relationship Included in container event RTSOOUT.

Event Fields

The RTSOHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cOrderAction	Char	1	Order Action
DOCO	mnOrderNumber	Numeric	8	Order Number
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company
MCU	szHeaderBranchPlant	String	12	Header Branch Plant
CO	szCompany	String	5	Company
OORN	szOriginalPOSONumber	String	8	Original POSO Number
ORBY	szOrderedBy	String	10	Ordered By
TKBY	szOrderTakenBy	String	10	Taken By
HOLD	szHoldCode	String	2	Order Hold Code
EV01	cQuoteFlag	Char	1	Quote Flag
AN8	mnSoldToAddressNumber	Numeric	8	Sold To Address Number
MLNM	szSoldToNameMailing	String	40	Sold To Mailing Name
ADD1	szSoldToAddressLine1	String	40	Sold To Address Line 1
ADD2	szSoldToAddressLine2	String	40	Sold To Address Line 2
ADD3	szSoldToAddressLine3	String	40	Sold To Address Line 3
ADD4	szSoldToAddressLine4	String	40	Sold To Address Line 4
CTY1	szSoldToCity	String	25	Sold To City
COUN	szSoldToCounty	String	25	Sold To County
ADD5	szSoldToState	String	3	Sold To State
CTR	szSoldToCountry	String	3	Sold To Country
ADDZ	szSoldToPostalCode	String	12	Sold To Postal Code
SHAN	mnShipToAddressNumber	Numeric	8	Ship To Address Number

Data Item / Alias	Description	Data Type	Size	Element
MLNM	szShipToMailingName	String	40	Ship To Mailing Name
ADD1	szShipToAddressLine1	String	40	Ship To Address Line 1
ADD2	szShipToAddressLine2	String	40	Ship To Address Line 2
ADD3	szShipToAddressLine3	String	40	Ship To Address Line 3
ADD4	szShipToAddressLine4	String	40	Ship To Address Line 4
CTY1	szShipToCity	String	25	Ship To City
COUN	szShipToCounty	String	25	Ship To County
ADDS	szShipToState	String	3	Ship To State
CTR	szShipToCountry	String	3	Ship To Country
ADDZ	szShipToPostalCode	String	12	Ship To Postal Code
TRDJ	jdTransactionDate	Date	6	Transaction Date
DRQJ	jdRequestDate	Date	6	Request Date
PDDJ	jdScheduledPickDate	Date	6	Scheduled Pick Date
PPDJ	jdPromisedShipDate	Date	6	Promised Ship Date
OPDJ	jdOriginalPromisedDate	Date	6	Original Promised Date
CNDJ	jdCancelDate	Date	6	Cancel Date
VR01	szReference	String	25	Reference
DEL1	szDeliveryInstruction1	String	30	Delivery Instruction 1
DEL2	szDeliveryInstruction2	String	30	Delivery Instruction 2
INMG	szPrintMessage	String	10	Print Message
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
TRDC	mnDiscountTrade	Numeric	7	Trade Discount
PTC	szPaymentTerms	String	3	Payment Terms
RYIN	cPaymentInstrument	Char	1	Payment Instrument
CRCD	szCurrencyCode	String	3	Currency Code
CRR	mnCurrencyConvertRate	Numeric	15	Currency Convert Rate

Data Item / Alias	Description	Data Type	Size	Element
TXA1	szTaxArea	String	10	Tax Area
EXR1	szTaxExplanationCode	String	2	Tax Explanation Code
OTOT	mnOrderTotal	Numeric	15	Order Total
FAP	mnForeignOrderTotal	Numeric	15	Foreign Order Total
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
CRRM	cCurrencyMode	Char	1	currency Mode
ALKY	szShipToDescriptive	String	20	Ship To Descriptive
ALKY	szSoldToDescriptive	String	20	Sold To Descriptive
EV01	cPublishToXPIxFlag	Char	1	Publish To Inter-Enterprise XPI Flag
ADDJ	jdActualShipDate	Date	6	Actual Ship Date
OPBO	szOPBusinessObjective	String	30	Order Promising Business Objective

Conceptual Approach

When a user creates, modifies, or cancels a sales order, the system triggers a notification event for the XPI integration to publish. This notification event, RTSOOUT, contains two separate events: RTSOHDR and RTSODTL. The RTSOHDR event contains all information pertinent to the sales order header. The RTSODTL event contains all information pertinent to each sales order detail line. Supplemental to the primary RTSOOUT event, the XPI integration also publishes an RTSOAPS event, which will include supply/demand information as well as sales order quantities in a common unit of measure (defined in integration constants).

Objects that Can Initiate the Event

These objects can initiate the RTSOHDR event:

- P4210 - Sales Order Entry
- P42101 - Sales Order Entry
- B4202320 - Sales Order Real Time Event Notify Function
- B4200310 - Sales Order Entry Master Business Function
- P42040 - Sales Order Speed Status Update

- B4201220 - Update F4211 And F42199
- R42565 - Invoice Print
- R42800 - Sales Update
- B4003000 - XPILoadUnloadCache Business Function
- B4003000 - XPIPublishEvents Business Function
- B4003000 - XPIEIOEnabled Business Function
- B4003010 - XPILoadUnloadCache Business Function
- B4003010 - XPIPublishEvents Business Function
- B4003010 - XPIEIOEnabled Business Function
- R42520 - Print Pick Slip
- R42521 - Packaged Pick Slip
- R42522 - Control Pick Slip
- R42997 -Inventory Commitment
- R42995 - Repost Active Sales Order
- B4200250 -F4201 Update Order Totals
- B4200640 -F4211 Update Pick Slip Information
- B4200920 -F4211 Get Shipment Info Source File
- B4200380 - Inventory Availability and Commitment
- B4200450 - Advanced Sales Order Detail Line Split
- N4200790 - Shipment Confirmation
- P42117 - Backorder Release Online
- B4200860 - Backorder Release MBF
- B4200740 - Update Misc. F4201 Fields
- B4200970 - F4211 Update Backorder Info
- R42530 - Bill of Lading
- B4200330 - Update Misc F4211 Fields
- R42535 - Delivery Notes Print
- R49700 - Cycle Billing Program
- R42810 - Sales Journal
- B4201300 - F42UI130 F4211 SO Detail Line Split
- R47131 - EDI Inbound Purchase Order Change
- N4900330 - Update Sales Detail with Shipment Routing
- N4600455 - Change F4211 SO Detail File

RTSODTL

RTSODTL event is used by the PeopleSoft EnterpriseOne system to publish sales order detail line information.

Event Name	<i>RTSODTL</i>
Event Description	<i>Sales Order Detail</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H42</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4202310B: Sales Order Real Time Event Detail</i>
Event Relationship	Included in container event RTSOOUT.

Event Fields

The RTSODTL event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cOrderAction	Char	1	Order Action
DOCO	mnOrderNumber	Numeric	8	Order Number
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company
LNID	mnLineNumber	Numeric	6	Line Number
MCU	szDetailBranchPlant	String	12	Detail Branch Plant
VR02	szSupplierReference	String	25	Supplier Reference
SHAN	mnShipToAddressNumber	Numeric	8	Ship To Address Number
TRDJ	jdTransactionDate	Date	6	Transaction Date
DRQJ	jdRequestedDate	Date	6	Requested Date
PDDJ	jdScheduledPickDate	Date	6	Scheduled Pick Date
PPDJ	jdPromisedShipDate	Date	6	Promised Ship Date
RSDJ	jdPromisedDeliveryDate	Date	6	Promised Delivery Date
OPDJ	jdOriginalPromisedDate	Date	6	Original Promised Date
CNDJ	jdCancelDate	Date	6	Cancel Date
PEFJ	jdPriceEffectiveDate	Date	6	Price Effective Date

Data Item / Alias	Description	Data Type	Size	Element
UORG	mnQuantityOrdered	Numeric	15	Transaction Quantity
SOQS	mnQuantityShipped	Numeric	15	Quantity Shipped
SOBK	mnQuantityBackOrdered	Numeric	15	Quantity Back Ordered
SOCN	mnQuantityCancelled	Numeric	15	Quantity Canceled
UOM	szTransactionUnitOfMeasure	String	2	Transaction Unit Of Measure
UPRC	mnUnitPrice	Numeric	15	Unit Price
AEXP	mnExtendedPrice	Numeric	15	Extended Price
FUP	mnForeignUnitPrice	Numeric	15	Foreign Unit Price
FEA	mnForeignExtendedPrice	Numeric	15	Foreign Extended Price
PROV	cPriceOverrideCode	Char	1	Price Override Code
TAX1	cTaxableYN	Char	1	Sales Taxable Y/N
ASN	szAdjustmentSchedule	String	8	Adjustment Schedule
AREV	mnAdjustmentRevisionLevel	Numeric	3	Adjustment Revision Level
DSPR	mnDiscountPercentage	Numeric	7	Discount Percentage
LINX	mnLastIndex	Numeric	15	Last Index
PTC	szPaymentTerms	String	3	Payment Terms
RYIN	cPaymentInstrument	Char	1	Payment Instrument
CRCD	szCurrencyCode	String	3	Currency Code
UNCS	mnUnitCost	Numeric	15	Unit Cost
ECST	mnExtendedCost_	Numeric	15	Extended Cost
FUC	mnForeignUnitCost	Numeric	15	Foreign Unit Cost
FEC	mnForeignExtCost	Numeric	15	Foreign Ext Cost
LITM	szItemNumber	String	25	ItemNumber
ITM	mnShortItemNumber	Numeric	8	Short Item Number
DSC1	szDescription1	String	30	Description 1
DSC2	szDescription2	String	30	Description 2

Data Item / Alias	Description	Data Type	Size	Element
LNTY	szLineType	String	2	Line Type
LTTR	szLastStatus	String	3	Last Status
NXTR	szNextStatus	String	3	Next Status
LOCN	szLocation	String	20	Location
LOTN	szLot	String	30	Lot Number
LOB	szLineOfBusiness	String	3	Line Of Business
EUSE	szEndUse	String	3	End Use
DTYS	szDutyStatus	String	2	Duty Status
INMG	szPrintMessage	String	10	Print Message
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
ITWT	mnItemWeight	Numeric	15	Item Weight
WTUM	szWeightUnitOfMeasure	String	2	Weight Unit Of Measure
MOT	szModeOfTransport	String	3	Mode Of Transport
CARS	mnCarrier	Numeric	8	Carrier Number
SBL	szSubledger	String	8	Subledger
SBLT	cSubledgerType	Char	1	Subledger Type
UPC1	szPriceCode1	String	3	Price Code 1
UPC2	szPriceCode2	String	3	Price Code 2
UPC3	szPriceCode3	String	3	Price Code 3
SRP1	szSalesCategoryCode1	String	3	Sales Category Code 1
SRP2	szSalesCategoryCode2	String	3	Sales Category Code 2
SRP3	szSalesCategoryCode3	String	3	Sales Category Code 3
SRP4	szSalesCategoryCode4	String	3	Sales Category Code 4
SRP5	szSalesCategoryCode5	String	3	Sales Category Code 5
OORN	szOriginalPoSoNumber	String	8	Original POSO Number
OCTO	szOriginalOrderType	String	2	Original Order Type

Data Item / Alias	Description	Data Type	Size	Element
OKCO	szOriginalOrderCompany	String	5	Original Order Company
OGNO	mnOriginalOrderLineNumber	Numeric	7	Original Order Line Number
RORN	szRelatedPoSoNumber	String	8	Related Po So Number
RCTO	szRelatedOrderType	String	2	Related Order Type
RKCO	szRelatedOrderCompany	String	5	Related Order Company
RLLN	mnRelatedPoSoLineNo	Numeric	7	Related Po So Line No
UPMJ	jdDateUpdated	Date	6	Date Updated
TDAY	mnTimeOfDay	Numeric	6	Time Updated
PSN	mnPickSlipNumber	Numeric	8	Pick Slip Number
DOC	mnInvoiceDocNumber	Numeric	8	Invoice Doc Number
DCT	szInvoiceDocType	String	2	Invoice Doc Type
KCO	szInvoiceDocCompany	String	5	Invoice Doc Company
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
UOM4	szPricingUnitOfMeasure	String	2	Pricing Unit Of Measure
TXA1	szTaxArea	String	10	Tax Area
EXR1	szTaxExplanationCode	String	2	Tax Explanation Code
CITM	szPartnerItemNo	String	25	Partner Item No
AITM	szCatalogItem	String	25	Catalog Item
UPCN	szUPCNumber	String	13	UPC Number
ALKY	szShipToDescriptive	String	20	Ship To Descriptive
ALKY	szSoldToDescriptive	String	20	Sold To Descriptive
LITM	szProductItem	String	25	Product Item

Data Item / Alias	Description	Data Type	Size	Element
ALPH	szAlphaName	String	40	Alpha Name
PA8	mnParentAddressNumber	Numeric	8	Parent Address Number
LITM	szSecondItemNumber	String	25	Second Item Number
AITM	szThirdItemNumber	String	25	Third Item Number
PRIO	cPriorityProcessing	Char	1	Priority Processing
BACK	cBackOrdersAllowed	Char	1	Back Orders Allowed
SO02	cOrderShippedFlag	Char	1	Order Shipped Flag
SO11	cTransferDirectShipFlag	Char	1	Transfer Direct Ship Flag
COMM	cCommitted	Char	1	Committed
EXDP	mnDaysBeforeExpiration	Numeric	5	Days Before Expiration
PRP1	szPurchaseCategoryCode1	String	3	Purchase Category Code 1
PRP2	szPurchaseCategoryCode2	String	3	Purchase Category Code 2
PRP3	szPurchaseCategoryCode3	String	3	Purchase Category Code 3
PRP4	szPurchaseCategoryCode4	String	3	Purchase Category Code 4
RORN	szRelatedOrderNumber	String	8	Related Order Number
RCTO	szRelatedOrderType	String	2	Related Order Type
RKCO	szRelatedOrderKeyCompany	String	5	Related Order Key Company
UOM	szPlanningUnitOfMeasure	String	2	Planning Unit Of Measure
TRQT	mnPlanningQuantity	Numeric	15	Planning Quantity
UMPJ	JdDateUpdatedAPS	Date	6	Date Updated
TDAY	mnTimeUpdatedAPS	Numeric	6	Time Updated
EV01	cAPSFlag	Char	1	APS Flag
EV01	cAPSSupplyDemandFlag	Char	1	APS Supply Demand Flag
DSC1	szShipComplete	String	30	Ship Complete
RLLN	mnRelatedOrderLineNumber	Numeric	7	Related Order Line Number
DOCO	mnRelatedWOOrderNumber	Numeric	8	Related Work Order Number

Data Item / Alias	Description	Data Type	Size	Element
MMCU	szRelatedWOBranchPlant	String	12	Related Work Order Branch
ADDJ	jdActualShipDate	Date	6	Actual Ship Date

Conceptual Approach

When a user creates, modifies, or cancels a sales order, the system triggers a notification event for the XPI integration to publish. This notification event, RTSOOUT, contains two separate events: RTSOHDR and RTSODTL. The RTSOHDR event contains all information pertinent to the sales order header. The RTSODTL event contains all information pertinent to each sales order detail line. Supplemental to the primary RTSOOUT event, the XPI integration also publishes an RTSOAPS event, which will include supply/demand information as well as sales order quantities in a common unit of measure (defined in integration constants).

Objects that Can Initiate the Event

These objects can initiate the RTSODTL event:

- P4210 - Sales Order Entry
- P42101 - Sales Order Entry
- B4202320 - Sales Order Real Time Event Notify Function
- B4200310 - Sales Order Entry Master Business Function
- P42040 - Sales Order Speed Status Update
- B4201220 - Update F4211 And F42199
- R42565 - Invoice Print
- R42800 - Sales Update
- B4003000 - XPILoadUnloadCache Business Function
- B4003000 - XPIPublishEvents Business Function
- B4003000 - XPIEIOEnabled Business Function
- B4003010 - XPILoadUnloadCache Business Function
- B4003010 - XPIPublishEvents Business Function
- B4003010 - XPIEIOEnabled Business Function
- R42520 - Print Pick Slip
- R42521 - Packaged Pick Slip
- R42522 - Control Pick Slip
- R42997 -Inventory Commitment
- R42995 - Repost Active Sales Order
- B4200250 -F4201 Update Order Totals
- B4200640 -F4211 Update Pick Slip Information
- B4200920 -F4211 Get Shipment Info Source File
- B4200380 - Inventory Availability and Commitment

- B4200450 - Advanced Sales Order Detail Line Split
- N4200790 - Shipment Confirmation
- P42117 - Backorder Release Online
- B4200860 - Backorder Release Master Business Function
- B4200740 - Update Misc. F4201 Fields
- B4200970 - F4211 Update Backorder Info
- R42530 - Bill of Lading
- B4200330 - Update Misc F4211 Fields
- R42535 - Delivery Notes Print
- R49700 - Cycle Billing Program
- R42810 - Sales Journal
- B4201300 - F42UI130 F4211 SO Detail Line Split
- R47131 - EDI Inbound Purchase Order Change
- N4900330 - Update Sales Detail with Shipment Routing
- N4600455 - Change F4211 SO Detail File

RTLPOUT

The RTLPOUT event is used by the PeopleSoft EnterpriseOne system to publish an items list price information.

Event Name	<i>RTLPOUT</i>
Event Description	<i>List Price Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H45</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D4502700B: F4106 List Price Real Time Event</i>

Event Fields

The RTLPOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTION	cRecordAction	Char	1	Record Action
ITM	mnShortItemNumber	Numeric	8	Short Item Number
LITM	sz2ndItemNumber	String	26	2 nd Item Number

Data Item / Alias	Description	Data Type	Size	Element
MCU	szCostCenter	String	13	Cost Center
LOCN	szLocation	String	21	Location
LOTN	szLot	String	31	Lot
AN8	mnAddressNumber	Numeric	8	Address Number
LOTG	szLotGrade	String	4	Lot Grade
FRMP	mnFromPotency	Numeric	7	From Potency
CRCO	szCurrencyCode	String	4	Currency Code
UOM	szUnitOfMeasure	String	3	Unit Of Measure
EFTJ	jdDateEffective	Date	6	Date Effective
EXDJ	jdDateExpired	Date	6	Date Expired
UPRC	mnAmtPricePerUnit	Numeric	15	Amt Price Per Unit
UCRD	mnAmountCreditPrice	Numeric	15	Amount Credit Price
UPMJ	jdDateUpdated	Date	6	Date Updated
TDAY	mnTimeOfDay	Numeric	6	Time Of Day

Conceptual Approach

When a user creates, modifies, or cancels an active price record (F4106) that does not involve a customer group or item group, the system triggers the RTLPOUT notification event for the XPI integration to publish.

Objects that Can Initiate the Event

These objects can initiate the RTLPOUT event:

- P4106 - Work With Preference Base Price
- R41816 - Item Sales Price Level Conversion
- B4002270 - F4106 Update Base Price
- X4078 - Margin Maint Price Update
- X4106C - Copy/Write Price Records

RTSHPNOUT

RTSHPNOUT is used to inform or notify third-party systems of shipment confirmation in order to keep the two systems synchronized.

Event Name *RTSHPNOUT*

Event Description	<i>Sales Shipment Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Contains these events: RTSHPNOUTB (D4901400B) RTSHPNOUTC (D4901400C) RTSHPNOUTD (D4901400D) RTSHPNOUTE (D4901400E) RTSHPNOUTF (D4901400F) RTSHPNOUTG (D4901400G) RTSHPNOUTH (D4901400H) RTSHPNOUTI (D4901400I) RTSHPNOUTJ (D4901400J) RTSHPNOUTK (D4901400K)
Product Code	<i>H49</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields for RTSHPNOUTB - D4901400B

The RTSHPNOUTB - D4901400B event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
	SOLDTO			
AN8	mnSoldToAddressNumber	Numeric	8	Address Number
ALKY	szSoldToDescriptive	String	20	Alternate Address Key
EMAL	szSoldToEmail	String	256	Email Address
PH1	szSoldToPhoneNumber	String	26	Phone Number
PH1	szSoldToFaxNumber	String	26	Phone Number
TAX	szSoldToTaxID	String	20	Tax ID
MLNM	szSoldToMailingName	String	40	Name Mailing
ADD1	szSoldToAddressLine1	String	40	Address Line 1
ADD2	szSoldToAddressLine2	String	40	Address Line 2
ADD3	szSoldToAddressLine3	String	40	Address Line 3
ADD4	szSoldToAddressLine4	String	40	Address Line 4
CTY1	szSoldToCity	String	25	City
COUN	szSoldToCounty	String	25	County Address
ADDS	szSoldToState	String	3	State

Data Item / Alias	Description	Data Type	Size	Element
CTR	szSoldToCountry	String	3	Country
ADDZ	szSoldToPostalCode	String	12	Zip Code Postal
	SHIPTO			
AN8	mnShipToAddressNumber	Numeric	8	Address Number
ALKY	szShipToDescriptive	String	20	Alternate Address Key
EMAL	szShipToEmail	String	256	Email Address
PH1	szShipToPhoneNumber	String	26	Phone Number
PH1	szShipToFaxNumber	String	26	Phone Number
TAX	szShipToTaxID	String	20	Tax ID
MLNM	szShipToMailingName	String	40	Name Mailing
ADD1	szShipToAddressLine1	String	40	Address Line 1
ADD2	szShipToAddressLine2	String	40	Address Line 2
ADD3	szShipToAddressLine3	String	40	Address Line 3
ADD4	szShipToAddressLine4	String	40	AddressLine4
CTY1	szShipToCity	String	25	City
COUN	szShipToCounty	String	25	County Address
ADDS	szShipToState	String	3	State
CTR	szShipToCountry	String	3	Country
ADDZ	szShipToPostalCode	String	12	Zip Code Postal
	SOLDBY			
AN8	mnSoldByAddressNumber	Numeric	8	Address Number
ALKY	szSoldByDescriptive	String	20	Alternate Address Key
EMAL	szSoldByEmail	String	256	Email Address
PH1	szSoldByPhoneNumber	String	26	Phone Number
PH1	szSoldByFaxNumber	String	26	Phone Number
TAX	szSoldByTaxID	String	20	Tax ID

Data Item / Alias	Description	Data Type	Size	Element
MLNM	szSoldByMailingName	String	40	Name Mailing
ADD1	szSoldByAddressLine1	String	40	Address Line 1
ADD2	szSoldByAddressLine2	String	40	Address Line 2
ADD3	szSoldByAddressLine3	String	40	Address Line 3
ADD4	szSoldByAddressLine4	String	40	Address Line 4
CTY1	szSoldByCity	String	25	City
COUN	szSoldByCounty	String	25	County Address
ADDS	szSoldByState	String	3	State
CTR	szSoldByCountry	String	3	Country
ADDZ	szSoldByPostalCode	String	12	Zip Code Postal
	SHIPFROM			
AN8	mnShipFromAddressNumber	Numeric	8	Address Number
ALKY	szShipFromDescriptive	String	20	Alternate Address Key
EMAL	szShipFromEmail	String	256	Email Address
PH1	szShipFromPhoneNumber	String	26	Phone Number
PH1	szShipFromFaxNumber	String	26	Phone Number
TAX	szShipFromTaxID	String	20	Tax ID
MLNM	szShipFromMailingName	String	40	Name Mailing
ADD1	szShipFromAddressLine1	String	40	Address Line 1
ADD2	szShipFromAddressLine2	String	40	Address Line 2
ADD3	szShipFromAddressLine3	String	40	Address Line 3
ADD4	szShipFromAddressLine4	String	40	Address Line 4
CTY1	szShipFromCity	String	25	City
COUN	szShipFromCounty	String	25	County Address
ADDS	szShipFromState	String	3	State
CTR	szShipFromCountry	String	3	Country

Data Item / Alias	Description	Data Type	Size	Element
ADDZ	szShipFromPostalCode	String	12	Zip Code Postal
	CARRIER			
AN8	mnCarrierAddressNumber	Numeric	8	Address Number
ALKY	szCarrierDescriptive	String	20	Alternate Address Key
EMAL	szCarrierEmail	String	256	Email Address
PH1	szCarrierPhoneNumber	String	26	Phone Number
PH1	szCarrierFaxNumber	String	26	Phone Number
TAX	szCarrierTaxID	String	20	Tax ID
MLNM	szCarrierMailingName	String	40	Name Mailing
ADD1	szCarrierAddressLine1	String	40	Address Line 1
ADD2	szCarrierAddressLine2	String	40	Address Line 2
ADD3	szCarrierAddressLine3	String	40	Address Line 3
ADD4	szCarrierAddressLine4	String	40	Address Line 4
CTY1	szCarrierCity	String	25	City
COUN	szCarrierCounty	String	25	County Address
ADDS	szCarrierState	String	3	State
CTR	szCarrierCountry	String	3	Country
ADDZ	szCarrierPostalCode	String	12	Zip Code Postal
	DATES			
ADDJ	jdShipmentDate	Date	6	Actual Delivery Date
	DELIVERY			
NCTR	mnNumberOfContainers	Numeric	5	Number Of Containers
MOT	szModeOfTransport	String	3	Mode Of Transport
FRTH	szFreightHandlingCode	String	3	Freight Handling Code

Event Fields for RTSHPNOUTC - D4901400C

The RTSHPNOUTC - D4901400C event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
SCAC	GlobalCarrierCode	String	4	Standard Carrier Alpha Code

Event Fields for RTSHPNOUTD - D4901400D

The RTSHPNOUTD - D4901400D event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
EV01	cContainHazardousMaterial	Char	1	Contain Hazardous Marterial
	CONTAINER			
GHET	mnGrossHeight	Numeric	15	Gross Height
GDEP	mnGrossDepth	Numeric	15	Gross Depth
GWID	mnGrossWidth	Numeric	15	Gross Width
WIUM	szDimensionUOM	String	2	Unit Of Measure Dimen
GCUB	mnGrossVolume	Numeric	15	Gross Cubic Dimensions
VUMD	szVolumeUOM	String	2	Unit Of Measure Vol Disp
GWEI	mnGrossWeight	Numeric	15	Gross Weight 2
UWUM	szWeightUOM	String	2	Unit Of Measure Weight
EQTY	szPalletType	String	5	Pallet Type
INT01	iNumberOfPackages	Integer	4	Number of Packages
	TRACKING			
REFQ	szTrackingType	String	2	Ref Number Qualifier
REFN	mnTrackingNumber	Numeric	30	Reference Number

Event Fields for RTSHPNOUTE - D4901400E

The RTSHPNOUTE - D4901400E event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
SEQN	mnContainerOrderSequence	Numeric	7	Sequence Number 2
DOCO	mnOrderNumber	Numeric	8	Document Order Invoice E
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Company Key Order No
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number

Event Fields for RTSHPNOUTF - D4901400F

The RTSHPNOUTF - D4901400F event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
HSCD	szHarmonizedTariffCode	String	12	Harmonized Shipping Code
HZDC	szHarzardousMaterialCode	String	3	Hazard Class or Division
	PRODUCT			
ITM	mnShortItemNumber	Numeric	8	Identifier Short Item
LITM	sz2ndItemNumber	String	25	Identifier 2 nd Item
AITM	sz3ndItemNumber	String	25	Identifier 3 rd Item
CITM	szPartnerItemNumber	String	25	Item No Customer Vendor
UPCN	szUPCEANItemNumber	String	13	UPC Number
	QUANTITY			
SOQS	mnQuantityShipped	Numeric	15	Units Quantity Shipped

Data Item / Alias	Description	Data Type	Size	Element
UORG	mnTransactionQuantity	Numeric	15	UnitsTransactionQty
UOM	szTransactionUnitOfMeasure	String	2	Unit Of Measure As Input
	LOT			
LOTN	szLot	String	30	Lot
MMEJ	jdLotExpireDate	Date	6	Date - Lot Expiration
LOT1	szMemoLot1	String	30	Memo Lot Field 1
LOT2	szMemoLot2	String	30	Memo Lot Field 2

Event Fields for RTSHPNOUTG - D4901400G

The RTSHPNOUTG - D4901400G event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
SEQN	mnItemSerialSequence	Numeric	7	Sequence Number 2
DOCO	mnOrderNumber	Numeric	8	Document Order Invoice E
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Company Key Order No
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
LOTN	szSerialNumber	String	30	Lot
MMEJ	jdSerialExpireDate	Date	6	Date - Lot Expiration

Event Fields for RTSHPNOUTH - D4901400H

The RTSHPNOUTH - D4901400H event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SRL1	szSubContSerializedShipCont	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
EV01	cContainHazardousMaterial	Char	1	Contains Hazardous Material
	CONTAINER			
GHET	mnGrossHeight	Numeric	15	Gross Height
GDEP	mnGrossDepth	Numeric	15	Gross Depth
GWID	mnGrossWidth	Numeric	15	Gross Width
WIUM	szDimensionUOM	String	2	Unit Of Measure Dimen
GCUB	mnGross Volume	Numeric	15	Gross Cubic Dimensions
VUMD	szVolumeUOM	String	2	Unit Of Measure Vol Disp
GWEI	mnGrossWeight	Numeric	15	Gross Weight 2
UWUM	szWeightUOM	String	2	Unit Of Measure Weight
EQTY	szPalletType	String	5	Pallet Type
INT01	nNumberOfContainers	Integer	4	Number of Containers
	TRACKING			
REFQ	szTrackingType	String	2	Ref Number Qualifier
REFN	mnTrackingNumber	Numeric	30	Reference Number

Event Fields for RTSHPNOUTI - D4901400I

The RTSHPNOUTI - D4901400I event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSubContSerializedShipCont	String	30	Serial Number 1
SRL1	szSerializedShipSubContainerCode	String	30	Serial Number 1

Data Item / Alias	Description	Data Type	Size	Element
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
SEQN	mnSubContSequence	Numeric	7	Sequence Number 2
SEQN	mnSubContainerOrderSequence	Numeric	7	Sequence Number 2
DOCO	mnOrderNumber	Numeric	8	Document Order Invoice E
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderKeyCompany	String	5	Company Key Order No
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number

Event Fields for RTSHPNOUTJ - D4901400J

The RTSHPNOUTJ - D4901400J event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SRL1	szSubContSerializedShipCont	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
SEQN	mnSubContainerSequence	Numeric	7	Sequence Number 2
HSCD	szHarmonizedTariffCode	String	12	Harmonized Shipping Code
HZDC	szHarzardousMaterialCode	String	3	Hazard Class or Division
	PRODUCT			
ITM	mnShortItemNumber	Numeric	8	Identifier Short Item
LITM	sz2ndItemNumber	String	25	Identifier 2 nd Item
AITM	sz3rdItemNumber	String	25	Identifier 3rd Item
CITM	szPartnerItemNumber	String	25	Item No Customer Vendor
UPCN	szUPCEANItemNumber	String	13	UPC Number
	QUANTITY			

Data Item / Alias	Description	Data Type	Size	Element
SOQS	mnQuantityShipped	Numeric	15	Units Quantity Shipped
UORG	mnTransactionQuantity	Numeric	15	Units Transaction Qty
UOM	szTransactionUnitOfMeasure	String	2	Unit Of Measure As Input
	LOT			
LOTN	szLot	String	30	Lot
MMEJ	jdLotExpireDate	Date	6	Date - Lot Expiration
LOT1	szMemoLot1	String	30	Memo Lot Field 1
LOT2	szMemoLot2	String	30	Memo Lot Field 2

Event Fields for RTSHPNOUTK - D4901400K

The RTSHPNOUTK - D4901400K event contains these fields:

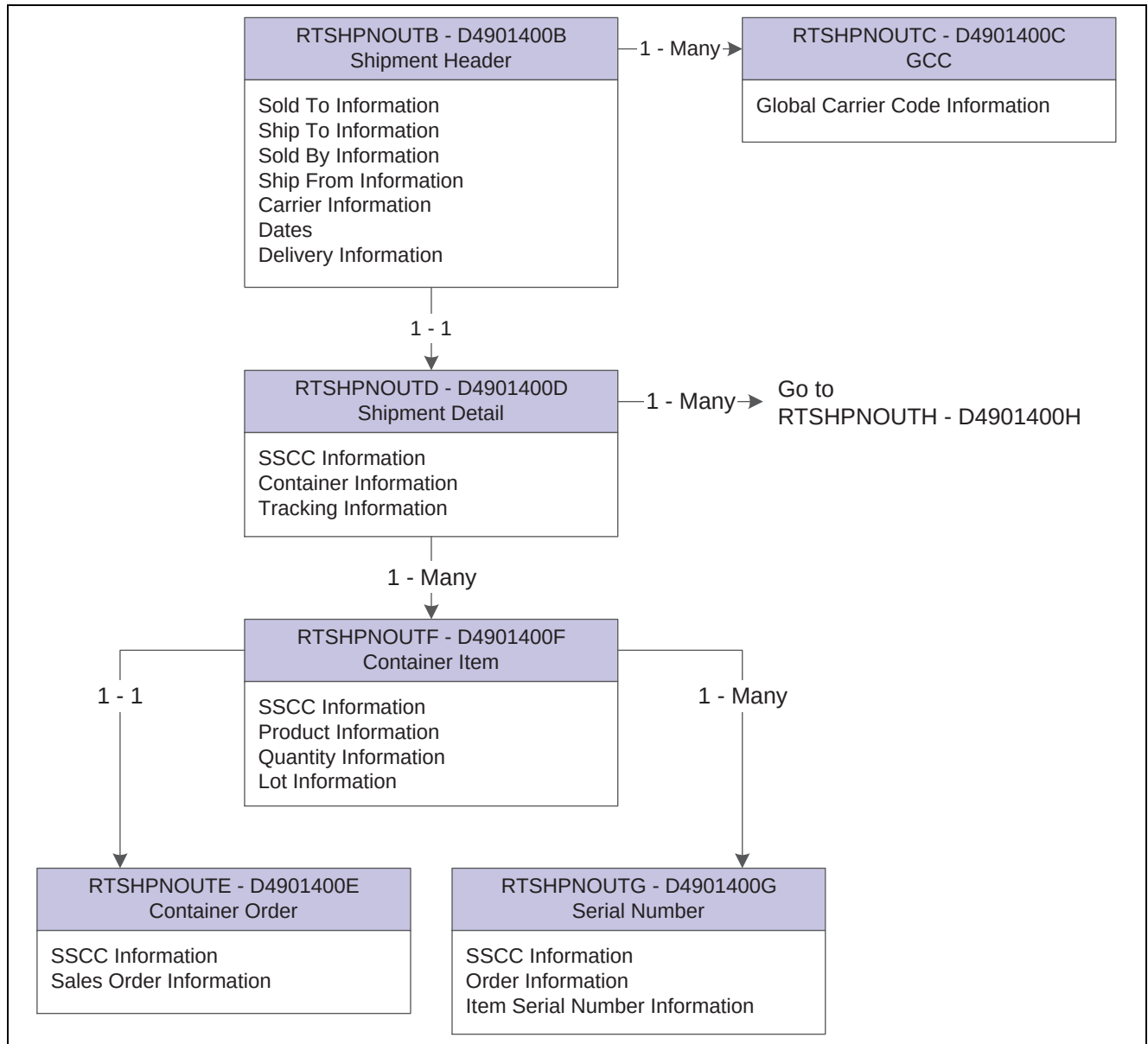
Data Item / Alias	Description	Data Type	Size	Element
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SRL1	szSubContSerializedShipCont	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number 2
SEQN	mnSubContItemSerialSequence	Numeric	7	Sequence Number 2
DOCO	mnOrderNumber	Numeric	8	Document Order Invoice E
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Company Key Order No
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
LOTN	szSerialNumber	String	30	Lot
MMEJ	jdSerialExpireDate	Date	6	Date - Lot Expiration

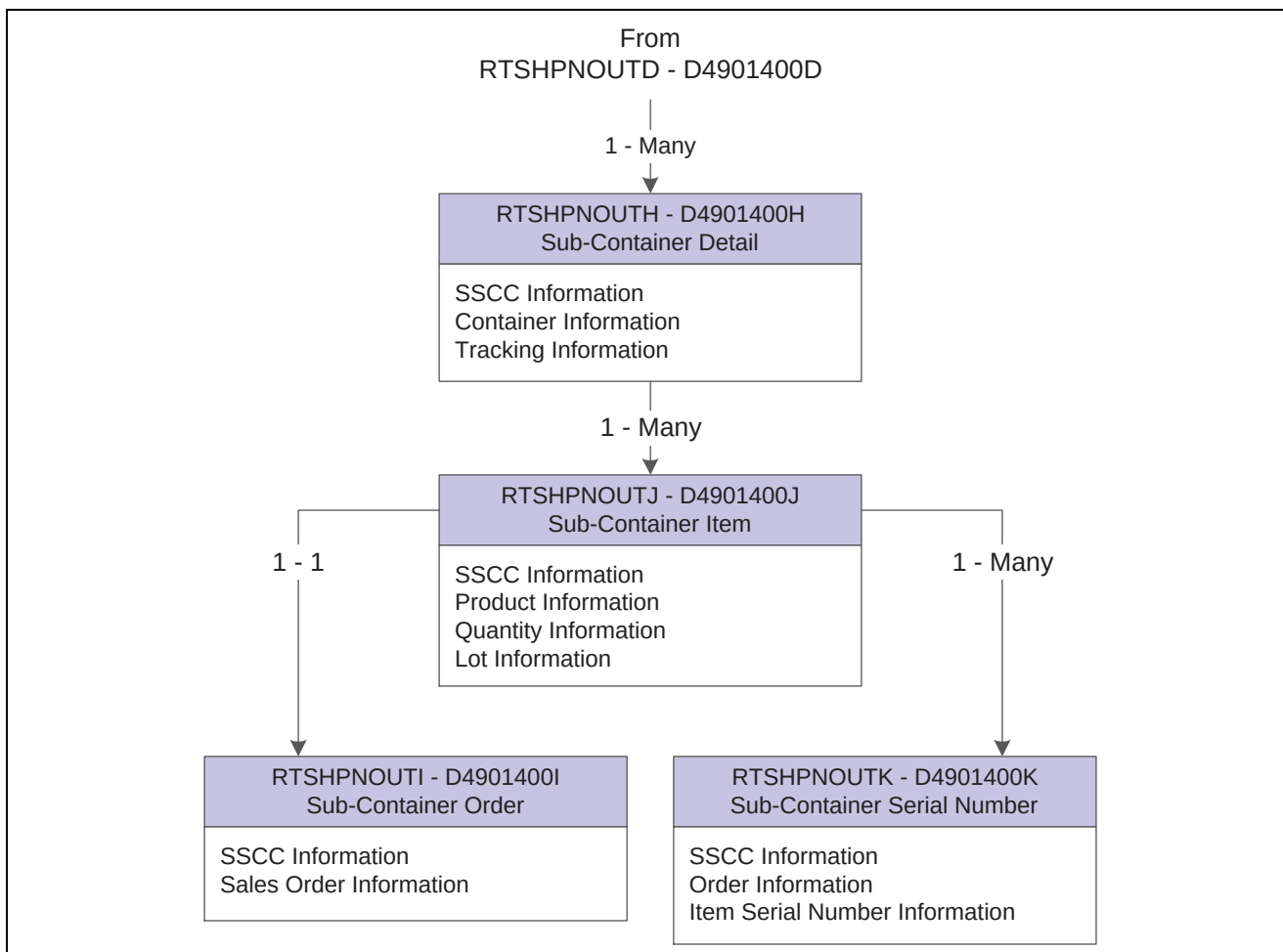
Conceptual Approach

When a user confirms an outbound shipment within the PeopleSoft EnterpriseOne system, the system triggers a notification for the XPI integration to publish. The RTSHPNOUT notification event contains ten separate events:

- RTSHPNOUTB
- RTSHPNOUTC
- RTSHPNOUTD
- RTSHPNOUTE
- RTSHPNOUTF
- RTSHPNOUTG
- RTSHNNOUTH
- RTSHPNOUTI
- RTSHPNOUTJ
- RTSHPNOUTK

These diagrams illustrate the event flow for the RTSHPNOUTB realtime event:





RTSHPNOUTB Event Flow part 2

Objects that Can Initiate the Event

These objects can initiate the RTSHPNOUT event:

- N4200790 - Shipment Confirmation MBF
- P4205 - Ship Confirm
- P49645 - Transportation Shipment Confirmation
- R47500 - Inbound Transaction Processor
- R42500 - Ship Confirm Batch Application
- R49500 - Batch Transportation Shipment Confirmation

Special Setup

To process UCC-128 information, you must set up processing options for P40XPI.

XAPIOPOUT

XAPIOPOUT is used by the PeopleSoft EnterpriseOne system to query the Order Promising system when a sales order is entered and a promise date is requested.

Event Name *XAPIOPOUT*

Event Description *Sales Order Promise Notify*

Event Type *XAPI*

Event Category *Container*

Contains these data structures: D4205010A - Order Promising Query Header, D4205010B - Order Promising Query Detail, D4205010C - Order Promising RLR Header, D4205010D - Order Promising Routing, D425010E - Order Promising Resource List, DXAPIROUTE - XAPI Call Routing Information

Product Code *H42*

Reliable Delivery *1*

Timeout Threshold *0*

Event Fields for XAPIOPOUT - D4205010A

The XAPIOPOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
USER	User ID	String	10	PeopleSoft EnterpriseOne system User ID
GS3A	Query Mode	String	30	Auto Promise or Scenario Manager Mode
GS3A	Order Number	String	30	Concatenated: Order Number, Order Type, Key Company.
ALPH	Customer Name	String	30	Ship To customer description
AN8	Customer ID	Numeric	8	Ship To customer ID
GS3A	Customer group	String	30	Blank, APS will default
ADD1	Address 1	String	40	Address 1
ADD2	Address 2	String	40	Address 2
ADD3	Address 3	String	40	Address 3
ADDZ	Postal code	String	12	Postal Code
CTY1	City	String	25	City
COUN	County	String	25	County
ADDS	State Province	String	3	State Province
CTR	Country	String	3	Country

Data Item / Alias	Description	Data Type	Size	Element
OPBO	Business Objective	String	30	Business Objective
INT01	Allow Multi Source	Int	1	Allow Multi Source
INT01	Allow Partial Order Ship	Int	1	Allow Partial Order Ship
MAH01	Trace Depth	Numeric	15	APS field, default 0
MATH01	Penalty cost adjustment	Numeric	15	APS field, hard code = 100
INT01	Allow Backorders	Int	1	Allow Backorders
INT01	Allow Substitution	Int	1	Allow Substitution
INT01	Allow Partial Line Ship	Int	1	Allow Partial Line Ship
EV01	Display Before Accept Mode	Char	1	Display before Accept Mode
VERS	Sales Order Entry Version	String	10	Sales Order Entry Version
LNIX	Last Line Number	Numeric	15	Last Line Number Used
LINN	Line Number Increment	Numeric	15	Line Number Increment

Event Fields for XAPIOPOUT - D4205010B

The XAPIOPOUT - D4205010B event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
LIND	Line Number	Numeric	6	Line Number
LNIX	Cache Line Number	Numeric	6	Cache Line Number
ITM	Item Number	Numeric	8	Item Number
LITM	2 nd Item Number	String	25	2 nd Item Number
AITM	3 rd Item Number	String	25	3 rd Item Number
UOM	Order Unit	String	2	Order Unit
UORG	Order Quantity	Numeric	15	Order Quantity
UOM	Planning Unit	String	2	Planning Unit
UORG	Planning Quantity	Numeric	15	Planning Quantity
UORG	Planning Multiple	Numeric	15	Planning Multiple

Data Item / Alias	Description	Data Type	Size	Element
UPRC	Planning Unit Price	Numeric	15	Planning Unit Price
DRQJ	Request Date	Date	6	Request Date
OPSQ	Shipping Group	String	30	Shipping Group
OPMG	Multi Source	String	30	Multi Source
INT01	Allow Partial Line Ship	Int	1	Allow Partial Line Ship
INT01	Allow Backorders	Int	1	Allow Backorders
INT01	Allow Substitution	Int	1	Allow Substitution
ALPH	Customer Name	String	40	
AN8	Customer ID	Numeric	15	
GS3A	Customer Group	String	30	
ADD1	Address 1	String	40	
ADD2	Address 2	String	40	
ADD3	Address 3	String	40	
ADDZ	Postal Code	String	12	
CTY1	City	String	25	
COUN	County	String	25	
ADDS	State Providence	String	3	
CTR	Country	String	3	
CFGID	Configuration ID Number	Long	15	
CFGCID	Component ID Number	Long	15	
CFGPID	Parent ID Number	Long	15	

Event Fields for XAPIOPOUT - D4205010C

The XAPIOPOUT - D4205010C event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
CFGID	Configuration ID Number	Long	15	
CFGCID	Component ID Number	Long	15	
CFGPID	Parent Component ID Number	Long	15	
MCU	Branch/Plant	String	12	
DOCO	Work Order Number	Numeric	15	
EV01	WO Changes Allowed	Char	1	0 = No 1 = Yes
ITM	Short Item Number	Numeric	8	

XAPIOPOUT - D4205010D

This table describes the XAPIOPOUT event and the D4205010D data structure.

Field	Value
Event Name	XAPIOPOUT
Event Description	Sales Order Promise Notify
Event Type	XAPI
Event Category	Container
Product Code	42B
Reliable Delivery	0
Timeout Threshold	0
Data Structure	D4205010D XAPI Order Promising Routing

Event Fields for XAPIOPOUT - D4205010D

The XAPIOPOUT - D4205010D event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
CFGID	Configuration ID Number	Long	15	
CFGPID	Parent Component ID Number	Long	15	
DOCO	Order Number	Numeric	15	

Data Item / Alias	Description	Data Type	Size	Element
DCTO	Order Type	String	2	
KCOO	Key Order Company	String	5	
LNID	Line Number	Numeric	15	
OPSQ	Operation Sequence	Numeric	15	
OPSC	Type Operation Code	String	3	
MCU	Work Center	String	12	
OPSQ	Successive Operation	Numeric	15	
SETL	Setup Hours	Numeric	15	
MOVD	Move Hours	Numeric	15	
QUED	Queue Hours	Numeric	15	
GS1A	Time Unit Of Measure	String	10	
POVR	Percent of Overlap	Numeric	15	
DL01	Precedence Type	String	30	
MATH01	Precedence Offset	Numeric	15	
MMCU	Branch Plant	String	12	
LINE	Line Cell ID	String	12	
EFFF	Effective From Date	Date	6	
TRT	Routing Type	String	3	
BQTY	Batch Quantity	Numeric	15	

XAPIOPOUT - D4205010E

This table describes the XAPIOPOUT event and the D4205010E data structure.

Field	Value
Event Name	XAPIOPOUT
Event Description	Sales Order Promise Notify
Event Type	XAPI
Event Category	Container

Field	Value
Product Code	42B
Reliable Delivery	0
Timeout Threshold	0
Data Structure	D4205010E XAPI Order Promising Resource List

Event Fields for XAPIOPOUT - D4205010E

The XAPIOPOUT - D4205010E event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
CFGID	Configuration ID Number	Long	15	
CFGCID	Component ID Number	Long	15	
CFGCID	Parent Component ID Number	Long	15	
DOCO	Order Number	Numeric	15	
DCTO	Order Type	String	2	
KCOO	Key Order Company	String	5	
LNID	Line Number	Numeric	15	
MCU	Branch/Plant	String	12	
OPSQ	Operation Sequence	Numeric	15	
MCU	Work Center	String	12	
OPSC	Type Operation Code	String	3	
GS3A	Resource ID	String	30	
GS3A	Resource Type	String	30	
CPIT	Short Item Number	Numeric	15	
CPIL	Second Item Number	String	25	
CPIA	Third Item Number	String	25	
GS1A	Unit of Measure	String	10	
UORG	Extended Quantity	Numeric	15	
UORG	Quantity Per Parent	Numeric	15	

Data Item / Alias	Description	Data Type	Size	Element
FORQ	Fixed Or Variable Quantity	String	1	
UM	Planning Unit of Measure	String	2	
UORG	Quantity Planned	Numeric	15	
UORG	Quantity Per Planned	Numeric	15	
UORG	Planning Multiple	Numeric	15	

Conceptual Approach

When a sales order is added or changed, notification can be sent to Order Promising to receive a promise date for when the sales order and its items are available. When a sales order record has been added or modified, an XAPIOPOUT event will not be automatically published. A user must initiate a query to Order Promising.

Objects that Can Initiate the XAPI Event

The P4210 and P42101 - Sales Order Entry programs can initiate the XAPIOPOUT event.

XAPIOPIN

XAPIOPIN is used by the PeopleSoft EnterpriseOne system. XAPIOPIN is the response from Order Promising when a sales order is queried. This event works in conjunction with XAPIOPOUT.

Event Name *XAPIOPIN*

Event Description *Sales Order Promise Response*

Event Type *XAPI*

Event Category *Container*

Contains these data structures: D4205030A - Order Promising Result Header
D4205030B - Order Promising Result Detail D4205030C - Order Promising Result RLR DXAPIROUTE - XAPI Call Routing Information

Product Code *H42*

Reliable Delivery *1*

Timeout Threshold *0*

Event Fields for XAPIOPIN - D4205030A

The XAPIOPIN - D4205030A event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
GS3A	Order Number	String	30	Concatenated: Order Number, Order Type, and Order Company.
OPBO	Business Objective	String	30	Business Objective
MATH01	Result Number	Numeric	15	Result Number
OPTC	Total Cost	Numeric	15	Total Cost
MATH01	Total Delivery Cost	Numeric	15	Total Delivery Cost
MATH01	Total Price	Numeric	15	Total Price
MATH01	Total Profit	Numeric	15	Total Profit
MATH01	Total Margin	Numeric	15	Total Margin
MATH01	Total Value	Numeric	15	Total Value
OPLD	Latest Line Date	Date	6	Latest Line Date
OPBK	Number of Backorders	Numeric	15	Number of Backorders
OPSB	Number of Substitutions	Numeric	15	Number of Substitutions
MATH01	Order Fill Rate	Numeric	15	Order Fill Rate
DSCA	Error Code	String	40	Error Code
DS01	Error Description	String	80	Error Description
INT01	Allow partial order ship	Int	1	Allow partial order ship
INT01	Allow multi source	Int	1	Allow multi source
INT01	Allow backorders	Int	1	Allow backorders
INT01	Allow substitution	Int	1	Allow substitution
INT01	Allow partial line ship	Int	1	Allow partial line ship
EV01	Display Before Accept Mode	Char	1	Display Before Accept Mode
VERS	Sales Order Entry Version	String	10	Sales Order Entry Version
LNIX	Last Line Number	Numeric	15	
LINN	Line Number Increment	Numeric	15	

Event Fields for XAPIOPIN - D4205030B

The XAPIOPIN - D4205030B event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
LNID	Line Number	Numeric	6	New line number
LNID	Original Line Number	Numeric	6	Original line number
LINX	Cache Line Number	Numeric	6	Original cache line number
ITM	Requested Item	Numeric	8	Requested Item
ITM	Available Item	Numeric	6	Requested or Substituted item; This is the actual item used
UORG	Available Amount	Numeric	15	In planning UOM
RSDJ	Available Date	Date	6	Final Delivery Date
DRQJ	Requested Date	Date	6	Original Requested Date
PDDJ	Pick Date	Date	6	Pick Date
PSDJ	Ship Date	Date	6	Ship Date
MCU	Ship Location	String	12	Detail Branch Plant
UNCS	Cost	Numeric	15	Cost
UNCS	Delivery Cost	Numeric	15	Delivery Cost
UPRC	Price	Numeric	15	Price
UPRC	Profit	Numeric	15	Profit
UPRC	Margin	Numeric	15	Margin
UPRC	Value	Numeric	15	Value
MATH01	Substitution Ratio	Numeric	15	Substitution Ratio
OPSG	Shipping Group	String	30	Shipping Group
OPMG	Multi Source	String	30	Multi Source
DSCA	Error Code	String	40	Error Code
DS01	Suspected Cause	String	80	Suspected Cause
INT01	Allow partial line ship	Int	1	Allow partial line ship
INT01	Allow backorders	Int	1	Allow backorders
INT01	Allow substitution	Int	1	Allow substitution

Data Item / Alias	Description	Data Type	Size	Element
CFGID	Configuration ID Number	Long	15	
CFGCID	Component ID Number	Long	15	
CFGPID	Parent Component ID Number	Long	15	
EV01	Cancel Original Work Orders	Char	1	

Event Fields for XAPIOPIN - D4205030C

The XAPIOPIN - D4205030C event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
DOCO	Sales Order Number	Numeric	15	
DCTO	Sales Order Type	String	2	
KCOO	Key Order Company	String	5	
LNID	Line Number	Numeric	15	
LNID	Original Line Number	Numeric	15	
OPSQ	Operation Sequence	Numeric	15	
CFGID	Configuration ID Number	Long	15	
CFGCID	Component ID Number	Long	15	
CFGPID	Parent Component ID Number	Long	15	
DOCO	Work Order Number	Numeric	15	
ITM	Short Item Number	Numeric	15	
MCU	Branch Plant	String	13	
UORG	Quantity	Numeric	15	
UOM	Unit Of Measure	String	3	
STRT	Start Date	Date	6	
DRQJ	Requested Date	Date	6	

Conceptual Approach

A sales order that is queried against Order Promising is sent back through this response event containing a promise date.

Objects that Can Initiate the XAPI Event

The P4210 and P42101 - Sales Order Entry programs can initiate the XAPIOPIN event.

Supplier

This section discusses the realtime event generated by changes to supplier records.

RTSMOUT

RTSMOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of supplier additions, changes, or deletions.

Event Name	<i>RTSMOUT</i>
Event Description	<i>Supplier Master Manage Notify</i>
Event Type	<i>RTE</i>
Event Category	<i>Container</i>
	Contains these events: RTSMHDR (D0100083A) RTSMPHOUT (D0100083B) RTSMEAOUT (D0100083C)
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>

Event Fields

The RTSMOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Numeric	8	Supplier Number
ALPH	szNameAlpha	String	40	supplier name
PA8	mnAddressNumberParent	Numeric	8	Supplier parent
MLNM	szMailingName	String	40	Mailing name of supplier
ADD1	szAddressLine1	String	40	Address line 1
ADD2	szAddressLine2	String	40	Address line 2
ADD3	szAddressLine3	String	40	Address line 3

Data Item / Alias	Description	Data Type	Size	Element
ADD4	szAddressLine4	String	40	Address line 4
CTY	szCity	String	25	City
COUN	szCounty	String	25	County
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Zip
CTR	szCountry	String	3	Country
PYE	mnPayee	Numeric	8	Payee
ANCR	mnCarrier	Numeric	8	Carrier
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
TAX2	szTaxArea2	String	10	Tax Rate/Area
EXR2	szTaxExplanationCode	String	2	Tax Explanation Code
TAX	szTaxId	String	20	Tax ID
CRRP	szCurrencyCode_CRRP	String	3	Currency Code F0401
PYIN	cPaymentInstrument	Char	1	Payment Instrument
TRAP	szPaymentTermsAP	String	3	Payment Terms
PRP5	szLandedCostRule	String	3	Landed Cost Rule
MCUP	szBusinessUnit_MCUP	String	12	Business Unit F0401
OBAP	szObjectAccount	String	6	Object Account F0401
AIDP	szSubsidiary	String	8	Subsidiary F0401
AT1	szAddressType1	String	3	Search Type
MCU	szBusinessUnit_MCU	String	12	Business Unit F0101
PH1	szPhoneNumber	String	20	Phone Number
PH1	szFaxNumber	String	20	Fax Number
EMAL	szEmailAddressow	String	256	E-mail Address
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type

Conceptual Approach

A supplier record added, modified, or deleted in the PeopleSoft EnterpriseOne system creates a new record in a number of tables, such as Supplier Master (F0401) and Address Book Master (F0101). A realtime notification event is triggered in the Supplier Master or Address Book Master Business Function after data is modified in any supplier table.

Objects that Can Initiate the Event

These objects can initiate the RTSMOUT event:

- N0100041 - Address Book master business function
- N0100043 - Supplier Master master business function
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100083 - Supplier Master Real Time event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTSMPHOUT

RTSMPHOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of supplier phone number changes.

Event Name	<i>RTSMPHOUT</i>
Event Description	<i>Supplier Master Manage Notify - Phones structure</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100083B</i>
Event Relationship	Included in container event RTSMOUT.

Event Fields

The RTSMPHOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
PHTP	szPhoneNumberType	String	4	Type of phone number (fax, home, work, etc)
PH1	szPhoneNumber	String	20	Phone number
AN8	mnAddressNumber	Numeric	8	Supplier Number
IDLN	mnLineNumberID	Numeric	8	Whos who of supplier
AR1	szPhoneAreaCode1	String	6	Area Code
RCK7	mnSequenceNumber	Numeric	8	Sequence number in F0115 table of record
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type
CNLN	mnContactPersonID	Numeric	5	Contact Line Number

Conceptual Approach

A phone number is changed for a supplier. This change is sent out using realtime events. A given supplier may have an infinite number of phone numbers.

Objects that Can Initiate the Event

These objects can initiate the RTSMPHOUT event:

- N0100041 - Address Book master business function
- N0100043 - Supplier Master master business function
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100083 - Supplier Master Real Time event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

RTSMEAOUT

RTSMEAOUT is used by the PeopleSoft EnterpriseOne system to inform third-party systems of supplier email address changes.

Event Name	<i>RTSMEAOUT</i>
Event Description	<i>Supplier Master Manage Notify - E-mail structure</i>
Event Type	<i>RTE</i>

Event Category	<i>Single</i>
Product Code	<i>01</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D0100083C</i>
Event Relationship	Included in container event RTSMOUT.

Event Fields

The RTSMEAOUT event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
AN8	mnAddressNumber	Numeric	8	Address number of supplier
IDLN	mnLineNumberID	Numeric	8	who's who number of supplier
ETP	szElectronicAddressType	String	4	Type of electronic address such as email or URL
EMAL	szEmailAddressow	String	256	Email address or URL
RCK7	mnSequenceNumber70	Numeric	8	Sequence number of record in F01151 table
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type

Conceptual Approach

An email address is added or changed for a supplier. This change is sent out using realtime events. A given supplier may have an infinite number of email addresses.

Objects that Can Initiate the Event

These objects can initiate the RTSMEAOUT event:

- N0100041 - Address Book MBF
- N0100043 - Supplier Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100083 - Supplier Master realtime event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

User Profile

This section discusses the realtime event generated by changes to user profile records.

RTUPOUTB

RTUPOUTB is a realtime event notification used by EnterpriseOne to notify external systems of changes to user profile records (F0092 and F00921).

Event Name	<i>RTUPOUTB</i>
Event Description	<i>User Preference Real Time Evt</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>H95</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D9500927B</i>
Relationship	Included in container event RTUPOUT.

Event Fields

The RTUPOUTB event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cActionCode	Char	1	Action Code
USER	szUserId	String	8	Address Number
MNI	szMenuIdentification	String	2	Menu Identification
OUTQ	szOutputQueue	String	5	Output Queue
JOBQ	szJobQueueBatch	String	5	Batch Job Queue
JSP	cJobSchedulingPriority	Char	1	Job Scheduling Priority
OUTP	cOutputPriority	Char	1	Output Priority
LLVL	cLoggingLevel	Char	1	Logging Level
LSEV	szLoggingSeverity	String	2	Logging Severity
LMSG	szLoggingMessages	String	7	Logging Messages
PRTL	szLibraryPrintFile	String	10	Library - Print File

Data Item / Alias	Description	Data Type	Size	Element
UL01	szTimeZone	String	10	Time Zone
UL02	szTimeFormat	String	10	Time Format
UL03	szUserLibraryList3	String	10	User Library List3
UL04	szUserLibraryList4	String	10	User Library List4
UL05	szUserLibraryList5	String	10	User Library List5
UL06	szUserLibraryList6	String	10	User Library List6
UL07	szUserLibraryList7	String	10	User Library List7
UL08	szUserLibraryList8	String	10	User Library List8
UL09	szUserLibraryList9	String	10	User Library List9
UL10	szUserLibraryList10	String	10	User Library List10
UL11	szUserLibraryList11	String	10	User Library List11
UL12	szUserLibraryList12	String	10	User Library List12
UL13	szUserLibraryList13	String	10	User Library List13
UL14	szUserLibraryList14	String	10	User Library List14
UL15	szUserLibraryList15	String	10	User Library List15
UL16	szUserLibraryList16	String	10	User Library List16
UL17	szUserLibraryList17	String	10	User Library List17
UL18	szUserLibraryList18	String	10	User Library List18
UL19	szUserLibraryList19	String	10	User Library List19
UL20	szUserLibraryList20	String	10	User Library List20
UL21	szUserLibraryList21	String	10	User Library List21
UL22	szUserLibraryList22	String	10	User Library List22
UL23	szUserLibraryList23	String	10	User Library List23
UL24	szUserLibraryList24	String	10	User Library List24
UL25	szUserLibraryList25	String	10	User Library List25
MSKA	cAuthorizationMask	Char	1	Authorization Mask

Data Item / Alias	Description	Data Type	Size	Element
MSKJ	cJobMask	Char	1	Job Mask
MSKK	cKnowledgeMask	Char	1	Knowledge Mask
MSKD	szDepartmentMask	String	2	Department Mask
MSKF	cFutureUseMask	Char	1	Future Use Mask
AN8	mnAddressNumber	Number	8	Address Number
UTYP	szUserType	String	10	User Type
PID	szProgramId	String	10	Program ID
MTVL	cMenuTravel	Char	1	Menu Travel Flag
CMDE	cCommandEntry	Char	1	Command Entry Flag
CLIB	szCurrentLibrary	String	10	Current Library
UGRP	szUser_Role	String	10	User / Role
IPGM	szInitialProgram	String	10	Initial Program
LOD	cLevelOfMenu	Char	1	Level of Display
FSTP	cFastPath	Char	1	Fast Path Security Flag
LNGP	szLanguagePreference	String	2	Language
CO	szCompany	String	5	Company
FRMT	szDateformat	String	3	Date Format
DSEP	cDateSeparator	Char	1	Date Separator Char
DECF	cDecimalFormat	Char	1	Decimal Format Char
VRSP	szVersionPrefix	String	6	Version Prefix
CUR	cCurrencySymbol	Char	1	Currency Symbol
CTR	szCountry	String	3	Country
UTCTIME	szUniversalTime	String	2	Universal Time
TIMEFORM	szTimeFormat_2	String	2	Time Format
OMWLOG	cOMWLogging	Char	1	OMW Logging
RIGHTLEFT	cRightToLeft	Char	1	Right to Left

Data Item / Alias	Description	Data Type	Size	Element
FUTTIME	cFutureUseField	Char	1	Future Use Field
FUTTIME1	cFutureUseField1	Char	1	Future Use Field 1
FUTTIME2	cFutureUseField2	Char	1	Future Use Field 2
FUTTIME3	szFutureUseField3	String	10	Future Use Field 3
FUTTIME4	szFutureUseField4	String	10	Future Use Field 4
FUTTIME5	szFutureUseField5	String	30	Future Use Field 5
FUTTIME6	szFutureUseField6	String	30	Future Use Field 6
FUTTIME7	mnFutureUseField7	Number	10	Future Use Field 7
FUTTIME8	mnFutureUseField8	Number	10	Future Use Field 8
MUSE	szUserID	String	10	User ID
PID	szProgramId_2	String	10	Program ID
JOBID	szWorkStationId	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
UPMT	mnTimeLastUpdated	Number	6	Time - Last Updated

Conceptual Approach

When a user adds, modifies, or deletes user profile data from the EnterpriseOne system, the system publishes an event to the XPI system. The RTUPOUT event is a container event activated within the applications used to manage user profile information and contains all columns from the modified user profile records (either F0092 or F00921) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F0092 and F00921) the corresponding record from the other table is automatically fetched and included in the container.

Objects that Can Initiate the Event

These objects can initiate the RTUPOUTB event:

- B9500926 - Retrieve Web User Information
- P0092 - User Profile Revisions
- P0092SS - User Profile Revisions Self Service
- P9015 - Copy EnterpriseOne User for Solution Explorer
- R0092 - Populate User Profiles
- R99ABUSER - Address Book - User Profile Report
- B9500927 - User Preference RTE Notify

Work Order

This section discusses the realtime events generated by the Work Order system.

RTEQORDHDR

RTEQORDHDR is a single event that is generated by the PeopleSoft EnterpriseOne system to provide work order information.

Event Name	<i>RTEQORDHDR</i>
Event Description	<i>Equipment Order Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>17</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D1702960</i>
Event Relationship	Included in container event RTEQORDOUT.

Event Fields

The RTEQORDHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnF4801DOCO	Numeic	8	Document (Order No, Invoice, etc.)
DCTO	szF4801DCTO	String	2	Order Type
SFXO	szF4801SFXO	String	3	Order Suffix
RCTO	szF4801RCTO	String	2	Related PO/SO/WO Order Type
RORN	szF4801RORN	String	8	Related PO/SO/WO Number
LNID	mnF4801LNID	Numeric	6,6[3]	Line Number
PTWO	mnF4801PTWO	Numeric	8	Peg to Work Order
PARS	szF4801PARS	String	8	Number - Parent WO Number
TYPS	cF4801TYPS	Char	1	Type - W.O.

Data Item / Alias	Description	Data Type	Size	Element
PRTS	cF4801PRTS	Char	1	Priority - W.O.
DL01	szF4801DL01	String	30	Description
STCM	szF4801STCM	String	30	Status - Comment
CO	szF4801CO	String	5	Company
MCU	szF4801MCU	String	12	Business Unit
MMCU	szF4801MMCU	String	12	Branch
LOCN	szF4801LOCN	String	20	Location
AISL	szF4801AISL	String	8	Aisle
BIN	szF4801BIN	String	8	Bin
SRST	szF4801SRST	String	2	Status Code W.O.
DCG	jdF4801DCG	Date	6	Date - Status Changed
SUB	szF4801SUB	String	8	Subsidiary
AN8	mnF4801AN8	Numeric	8	Address Number
ANO	mnF4801ANO	Numeric	8	Address Number - Originator
ANSA	mnF4801ANSA	Numeric	8	Address Number - Manager
ANPA	mnF4801ANPA	Numeric	8	Supervisor
ANP	mnF4801ANP	Numeric	8	Address Number - Assigned To
DPL	jdF4801DPL	Date	6	Date - W.O. Planned Completed
ANT	mnF4801ANT	Numeric	8	Address Number - Inspector
NAN8	mnF4801NAN8	Numeric	8	Next Address Number
TRDJ	jdF4801TRDJ	Date	6	Date - Order/Transaction
STRT	jdF4801STRT	Date	6	Date - Start (Julian)
DRQJ	jdF4801DRQJ	Date	6	Date - Requested
STRX	jdF4801STRX	Date	6	Date - Completion (Julian)
DAP	jdF4801DAP	Date	6	Date - Assigned to
DAT	jdF4801DAT	Date	6	Date - Assigned to Inspector

Data Item / Alias	Description	Data Type	Size	Element
PPDT	jdF4801PPDT	Date	6	Date - Paper Printed Date
WR01	szF4801WR01	String	4	Categories - Work Order 01
WR02	szF4801WR02	String	3	Categories - Work Order 02
WR03	szF4801WR03	String	3	Categories - Work Order 03
WR04	szF4801WR04	String	3	Categories - Work Order 04
WR05	szF4801WR05	String	3	Categories - Work Order 05
WR06	szF4801WR06	String	3	EnterpriseOne Consulting - Status
WR07	szF4801WR07	String	3	EnterpriseOne Consulting - Service Type
WR08	szF4801WR08	String	3	EnterpriseOne Consulting - Skill Type
WR09	szF4801WR09	String	3	E1 Consulting - Experience Level
WR10	szF4801WR10	String	3	Categories - Work Order 10
VR01	szF4801VR01	String	25	Reference
VR02	szF4801VR02	String	25	Reference 2
AMTO	mnF4801AMTO	Numeric	15,15[2]	Amount - Estimated
SETC	mnF4801SETC	Numeric	5,5[1]	Crew Size
BRT	mnF4801BRT	Numeric	15,15[2]	Revenue Rate Markup Override
PAYT	szF4801PAYT	String	5	Pay/Deduction/Benefit Type
AMTC	mnF4801AMTC	Numeric	15,15[2]	Amount - Change to Original Dollars
HRSO	mnF4801HRSO	Numeric	15,15[2]	Hours - Estimated
HRSC	mnF4801HRSC	Numeric	15,15[2]	Hours - Change to Original Hours
AMTA	mnF4801AMTA	Numeric	15,15[2]	Amount - Actual
HRSA	mnF4801HRSA	Numeric	15,15[2]	Hours - Actual
ITM	mnF4801ITM	Numeric	8	Item Number - Short
AITM	szF4801AITM	String	25	3rd Item Number

Data Item / Alias	Description	Data Type	Size	Element
LITM	szF4801LITM	String	25	2nd Item Number
NUMB	mnF4801NUMB	Numeric	8	Asset Item Number
APID	szF4801APID	String	12	Unit or Tag Number
UORG	mnF4801UORG	Numeric	15,15[4]	Units - Order/Transaction Quantity
SOBK	mnF4801SOBK	Numeric	15,15[4]	Units - Qty Backordered/Held
SOCN	mnF4801SOCN	Numeric	15,15[4]	Units - Quantity Canceled /Scrapped
SOQS	mnF4801SOQS	Numeric	15,15[4]	Quantity Shipped
QTYT	mnF4801QTYT	Numeric	15,15[4]	Units - Shipped to Date
UOM	szF4801UOM	String	2	Unit of Measure as Input
SHNO	szF4801SHNO	String	10	Message Number
PBTM	mnF4801PBTM	Numeric	6	Time - Beginning (HH/MM/SS)
TBM	szF4801TBM	String	3	Type Bill of Material
TRT	szF4801TRT	String	3	Type of Routing
SHTY	cF4801SHTY	Char	1	WO Pick List Printed
PEC	cF4801PEC	Char	1	Posting Edit
PPFG	cF4801PPFG	Char	1	Variance Flag
BM	cF4801BM	Char	1	Bill of Material (N)
RTG	cF4801RTG	Char	1	Route Sheet (N)
SPRT	cF4801SPRT	Char	1	Work Order Flash Message
UNCD	cF4801UNCD	Char	1	Work Order Freeze Code
INDC	cF4801INDC	Char	1	Indented Code
RESC	mnF4801RESC	Numeric	5,5[2]	Resequenece Code
MOH	mnF4801MOH	Numeric	15,15[2]	Amount - Miles or Hours (units)
TDT	jdF4801TDT	Date	6	Date - Scheduled Tickler
POU	mnF4801POU	Numeric	15,15[2]	Amount - Memo Budget Changes

Data Item / Alias	Description	Data Type	Size	Element
PC	mnF4801PC	Numeric	5,5	Percent Complete
LTLV	mnF4801LTLV	Numeric	5	Leadtime Level
LTCM	mnF4801LTCM	Numeric	5	Leadtime Cumulative
CTS1	mnF4801CTS1	Numeric	15,15[2]	Hours - Unaccounted Direct Labor
LOTN	szF4801LOTN	String	30	Lot/Serial Number
LOTP	mnF4801LOTP	Numeric	15,15[3]	Lot Potency
LOTG	szF4801LOTG	String	3	Lot Grade
RAT1	mnF4801RAT1	Numeric	5,5[2]	Ratio _ Critical Ratio Priority 1
RAT2	mnF4801RAT2	Numeric	5,5[2]	Ration - Critical Ratio Parioty 2
DCT	szF4801DCT	String	2	Document Type
SBLI	cF4801SBLI	Char	1	Subledger Inactive Code
RKCO	szF4801RKCO	String	5	Company - Key (Related Order)
BREV	szF4801BREV	String	3	Bill Revision Level
RREV	szF4801RREV	String	3	Routing Revision Level
DRWC	cF4801DRWC	Char	1	Drawing Change
RTCH	cF4801RTCH	Char	1	Routing Change
PNRQ	ccF4801PNRQ	Char	1	New Part Number
REAS	szF4801REAS	String	2	Reason for ECO
PHSE	szF4801PHSE	String	3	Phase In
XDSP	szF480XDSP	String	3	Existing Disposition
BOMC	cF4801BOMC	Char	1	BOM Change
URCD	szF4801URCD	String	2	User Reserved Code
URDT	jdF4801URDT	Date	6	User Reserved Date
URAT	mnF4801URAT	Numeric	15,15[2]	User Reserved Amount
URAB	mnF4801URAB	Numeric	8	User Reserved Number
URRF	szF4801URRF	String	15	User Reserved Reference

Data Item / Alias	Description	Data Type	Size	Element
USER	szF4801USER	String	10	User ID
PID	szF4801PID	String	10	Program ID
JOB	szF4801JOB	String	10	Work Station ID
UPMJ	jdF4801UPMJ	Date	6	Date - Updated
TDAY	mnF4801TDAY	Numeric	6	Time of Day
AAID	mnF4801AAID	Numeric	8	Parent Number
NTST	szF4801NTST	String	2	Next Status - W.O.
XRTO	mnF4801XRTO	Numeric	4	Criticality - Work Order
ESDN	mnF4801ESDN	Numeric	5,5[2]	Estimated Downtime Hours
ACDN	mnF4801ACDN	Numeric	5,5[2]	Actual Downtime Hours
SAID	mnF4801SAID	Numeric	8	Service Address Number
MPOS	mnF4801MPOS	Numeric	3	Meter Position
APRT	szF4801APRT	String	3	Approval Type
AMLC	mnF4801AMLC	Numeric	15,15[2]	Amount - Estimated Labor
AMMC	mnF4801AMMC	Numeric	15,51[2]	Amount - Estimated Material
AMOT	mnF4801AMOT	Numeric	15,15[2]	Amount - Estimated Other
LBAM	mnF4801LBAM	Numeric	15,15[2]	Amount - Actual Labor
MTAM	mnF4801MTAM1	Numeric	15,15[2]	Amount - Actual Material
LINE	szF4801TLINE	String	12	Line/Cell Identifier
MWDH	cF4801TMWDH	Char	1	Month/Week/Day/Shift
SCSP	mnF4801SCSP	Numeric	2	Schedule Spread
SHFT	cF4801TSHFT	Char	1	Shift Code
SRCN	cF4801TSRCN	Char	1	Serialized components
LEDG	szF4801TLEDG	String	2	Cost Method
CTS4	mnF4801TCTS4	Numeric	15,15[2]	Amount - Unaccounted Direct Labor
CTS7	mnF4801TCTS7	Numeric	15,15[2]	Amount - Unaccounted Scrap

Data Item / Alias	Description	Data Type	Size	Element
CTS8	mnF4801TCTS8	Numeric	15,15[4]	Units - Unaccounted Scrap
AID	szF4801TAID	String	8	Account ID
ALSE	cF4801TALSE	Char	1	Alert Sensitive Task
ASID	szF4801TASID	String	25	Serial Number
ATST	jdF4801TATST	Date	6	Date - Actual Start (Julian)
BSEQ	mnF4801TBSEQ	Numeric	5	Sequence - Bubble Sequence
CHPR	cF4801TCHPR	Char	1	Charge Cost to Project Account
CRCD	szF4801TCRCD	String	3	Currency Code - From
CRCE	szF4801TCRCE	String	3	Currency Code - Source
CRCF	szF4801TCRCF	String	3	Currency Code - Origin
D5J	jdF4801TD5J	Date	6	Date - Other 5
D6J	jdF4801TD6J	Date	6	Date - Other 6
DRAW	szF4801TDRAW	String	20	Drawing Number
DUAL	cF4801TDUAL	Char	1	Dual Unit Of Measure Item
MPCE	cF4801TMPCE	Char	1	Production Costs Exist
MPRC	cF4801TMPRC	Char	1	Changes to Parts And Routings Allowed
OBJ	szF4801TOBJ	String	6	Object Account
OTAM	mnF4801TOTAM	Numeric	15,15[2]	Amount - Actual Other
PRJM	mnF4801TPRJM	Numeric	8	Project Number
PRRP	cF4801TPRRP	Char	1	Direct Project Relationship
SHPP	cF4801TSHPP	Char	1	Ship This Phase
SQOR	mnF4801TSQOR	Numeric	15,15[4]	Units - Secondary Quantity Ordered
SRKF	cF4801TSRKF	Char	1	Shrink Factor Method
SRNK	mnF4801TSRNK	Numeric	15,15[2]	Shrink Factor
SSOQ	mnF4801TSSOQ	Numeric	15,15[4]	Secondary Quantity Completed

Data Item / Alias	Description	Data Type	Size	Element
TRAF	cF4801TTRAF	Char	1	Resources Assigned
UOM2	szF4801TUOM2	String	2	Unit of Measure - Secondary
WR11	szF4801TWR11	String	3	Categories - Work Order 11
WR12	szF4801TWR12	String	3	Categories - Work Order 12
WR13	szF4801TWR13	String	3	Categories - Work Order 13
WR14	szF4801TWR14	String	3	Categories - Work Order 14
WR15	szF4801TWR15	String	3	Categories - Work Order 15
WR16	szF4801TWR16	String	3	Categories - Work Order 16
WR17	szF4801TWR17	String	3	Categories - Work Order 17
WR18	szF4801TWR18	String	3	Categories - Work Order 18
WR19	szF4801TWR19	String	3	Categories - Work Order 19
WR20	szF4801TWR20	String	3	Categories - Work Order 20
JBCD	szF4801TJBCD	String	6	Job Type (Craft) Code
VFWO	cF4801TVFWO	Char	1	Firm Work Order
PMTN	szF4801TPMTN	String	12	Promotion ID
ISSUE	szF4801TISSUE	String	80	Problem Description
PRODM	szF4801TPRODM	String	8	Product Model
WHO2	szF4801TWHO2	String	40	Contact Name 2
AR1	szF4801TAR1	String	6	Phone Prefix
PHN1	szF4801TPHN1	String	20	Phone Number
TMCO	mnF4801TTMCO	Numeric	6	Time - Completed
MTHPR	cF4801TMTHPR	Char	1	Method of Pricing
ENTCK	szF4801TENTCK	String	3	Entitlement Check
RYIN	cF4801TRYIN	Char	1	Payment Instrument
RSTM	mnF4801TRSTM	Numeric	5,5[2]	Time - Guaranteed Response
CTR	szF4801TCTR	String	3	Country

Data Item / Alias	Description	Data Type	Size	Element
REGION	szF4801TREGION	String	3	Geographic Region Code
TXA1	szF4801TTXA1	String	10	Tax Rate/Area
EXR1	szF4801TEXR1	String	2	Tax Expl Code 1
LNGP	szF4801TLNGP	String	2	Language
GLCCV	szF4801TGLCCV	String	4	Category - G/L Covered
GLCNC	szF4801TGLCNC	String	4	Category - G/L Non-Covered
COVGR	szF4801TCOVGR	String	8	Coverage Group
ASN4	szF4801TASN4	String	8	Price and Adjustment Schedule-Four
ASN2	szF4801TASN2	String	8	Price and Adjustment Schedule-Service
SEST	mnF4801TSEST	Numeric	6	Time - Scheduled Start (HH/MM/SS)
SEET	mnF4801TSEET	Numeric	6	Time - Scheduled End (HH/MM/SS)
DSAVNAME	szF4801TDSAVNAME	String	10	Daylight Savings Rule Name
TIMEZONES	szF4801TTIMEZONES	String	2	Time Zone List
PRODF	szF4801TPRODF	String	8	Product Family
CSLPRT	mnF4801TCSLPRT	Numeric	8	Casual Part
MCUCSL	szF4801TMCUCSL	String	12	Casual Part Business Unit
RLOT	szF4801TRLOT	String	30	Supplier Lot Number
FAILCD	szF4801TFAILCD	String	8	Defect Code
FAILDT	jdF4801TFAILDT	Date	6	Failure Date
FAILTM	mnF4801TFAILTM	Numeric	6	Failure Time
REPDT	mnF4801TREPDT	Numeric	6	Repair Date
REPTM	mnF4801TREPTM	Numeric	6	Repair Time
VEND	mnF4801TVEND	Numeric	8	Primary / Last Supplier Number
AN8AS	mnF4801TAN8AS	Numeric	8	Assessor Number

Data Item / Alias	Description	Data Type	Size	Element
AN8SRM	mnF4801TAN8SRM	Numeric	8	Supplier Recovery Manager Number
SRYN	cF4801TSRYN	Char	1	Eligible Supplier Recovery
ENTCKS	szF4801TENTCKS	String	3	Entitlement Check Supplier
CURBALM1	mnF4801TCURBALM1	Numeric	15	Current Balance of Meter 1
CURBALM2	mnF4801TCURBALM2	Numeric	15	Current Balance of Meter 2
CURBALM3	mnF4801TCURBALM3	Numeric	15	Current Balance of Meter 3
CRDC	szF4801TCRDC	String	3	Currency Code - To
CRRM	cF4801TCRRM	Char	1	Currency Mode-Foreign or Domestic Entry
CRR	mnF4801TCRR	Numeric	15,15	Currency Conversion Rate - Spot Rate
VMRS31	szF4801TVMRS31	String	2	Component Code - System
VMRS32	szF4801TVMRS32	String	8	Component Code - Assembly
SEQN	mnF4801TSEQN	Numeric	7,7	Sequence Number
PLMR	mnF4801TPLMR	Numeric	15,15[2]	Planned Material
PLLB	mnF4801TPLLB	Numeric	15,15[2]	Planned Labor
PLOS	mnF4801TPLOS	Numeric	15,15[2]	Planned Other
BGTC	mnF4801TBGTC	Numeric	15,15[2]	Budgeted Cost
TOEM	mnF4801TTOEM	Numeric	15,15[2]	Total Estimated
TOPL	mnF4801TTOPL	Numeric	15,15[2]	Total Planned
PLSA	mnF4801TPLSA	Numeric	15,15[2]	Planned Special Amount
PLSU	mnF4801TPLSU	Numeric	15,15[2]	Planned Special Units
ESSA	mnF4801TESSA	Numeric	15,15[2]	Estimated Special Amount
ESSU	mnF4801TESSU	Numeric	15,15[2]	Estimated Special Units
ACSA	mnF4801TACSA	Numeric	15,15[2]	Actual Special Amount
ACSU	mnF4801TACSU	Numeric	15,15[2]	Actual Special Units
OACM	mnF4801TOACM	Numeric	15,15[2]	Amount Committed - Original

Data Item / Alias	Description	Data Type	Size	Element
RACM	mnF4801TRACM	Numeric	15,15[2]	Amount Committed - Remaining
HPLF	cF4801THPLF	Char	1	Held Parts List Flag
VMRS33	szF4801TVMRS33	String	10	Component Code - Part
SCALL	cF4801TSCALL	Char	1	Call Backs
ISNO	mnF4801TISNO	Numeric	8	Issue Number
RMTHD	cF4801TRMTHD	Char	1	Reimbursement Method
DOC	mnF4801TDOC	Numeric	8	Document (Voucher, Invoice, etc.)
DCT	szF4801TDCT	String	2	Document Type
KCO	szF4801TKCO	String	5	Document Company
COCH	szF4801TCOCH	String	3	Contract Change Number
LNID	mnF4801TLNID	Numeric	6,6[3]	Line Number
CRTU	szF4801TCRTU	String	10	Created by user
XEVT	cF4801TXEVT	Char	1	External Event Flag

Conceptual Approach

A work order record added, modified or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Work Order Master File table (F4801) and the Work Order Master Tag File table (F4801T).

Objects that Can Initiate the Event

The X4801 - X4801 Work Order Entry Master business function can initiate the RTEQORDHDR event.

RTPRHDR

RTPRHDR is a single event that is generated by the PeopleSoft EnterpriseOne system to provide work order parts information.

Event Name	<i>RTPRHDR</i>
Event Description	<i>Parts List Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>17</i>
Reliable Delivery	<i>1</i>

Timeout Threshold	<i>0</i>
Data Structure	<i>D1702980</i>
Event Relationship	Included in container event RTPROUT.

Event Fields

The RTPRHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnF3111DOCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szF3111DCTO	String	2	Order Type
SFXO	szF3111SFXO	String	3	Order Suffix
TBM	szF3111TBM	String	3	Type Bill of Material
FORQ	cF3111FORQ	Char	1	Fixed or Variable Quantity
ITC	cF3111ITC	Char	1	Issue Type Code
COBY	cF3111COBY	Char	1	Co-Products/By-Products /Intermediate
COTY	cF3111COTY	Char	1	Component Type
CPNT	mnF3111CPNT	Numeric	4,4[1]	Component Line Number
FRMP	mnF3111FRMP	Numeric	7,7[3]	From Potency
THRP	mnF3111THRP	Numeric	7,7[3]	Thru Potency
FRGD	szF3111FRGD	String	3	From Grade
THGD	szF3111THGD	String	3	Thru Grade
RKCO	szF3111RKCO	String	5	Company - Key (Related Order)
RORN	szF3111RORN	String	8	Related PO/SO/WO Number
RCTO	szF3111RCTO	String	2	Related PO/SO/WO Order Type
RLLN	mnF3111RLLN	Numeric	7,7[3]	Related PO/SO Line Number
OPSQ	mnF3111OPSQ	Numeric	5,5[2]	Sequence Number - Operations
BSEQ	mnF3111BSEQ	Numeric	5	Sequence - Bubble Sequence

Data Item / Alias	Description	Data Type	Size	Element
RSCP	mnF3111RSCP	Numeric	5,5[2]	Resource Percent
SCRP	mnF3111SCRP	Numeric	5,5[2]	Percent - Percent of Scrap
REWP	mnF3111REWP	Numeric	5,5[2]	Percent - Rework
ASIP	mnF3111ASIP	Numeric	5,5[2]	Percent - As is
CPYP	mnF3111CPYP	Numeric	5,5[2]	Percent - Cumulative Planned Yield
STPP	mnF3111STPP	Numeric	5,5[2]	Operation Scrap Percent
LOVD	mnF3111LOVD	Numeric	6	Leadtime Offset Days
CPIT	mnF3111CPIT	Numeric	8	Component Item Number - Short
CPIL	szF3111CPIL	String	25	Component 2nd Item Number
CPIA	szF3111CPIA	String	25	Component 3rd Item Number
CMCU	szF3111CMCU	String	12	Component Branch
DSC1	szF3111DSC1	String	30	Description
DSC2	szF3111DSC2	String	20	Description - Line 2
LOCN	szF3111LOCN	String	20	Location
LOTN	szF3111LOTN	String	30	Lot/Serial Number
AN8	mnF3111AN8	Numeric	8	Address Number
LNTY	szF3111LNTY	String	2	Line Type
SERN	szF3111SERN	String	30	Serial Number - Lot
TRDJ	jdF3111TRDJ	Date	6	Date - Order/Transaction
DRQJ	jdF3111DRQJ	Date	6	Date - Requested
UORG	mnF3111UORG	Numeric	15,15[4]	Units - Order/Transaction Quantity
TRQT	mnF3111TROT	Numeric	15,15[4]	Quantity Available
SOCN	mnF3111SOCN	Numeric	15,15[4]	Units - Quantity Canceled /Scrapped
CTS1	mnF3111CTS1	Numeric	15,15[2]	Hours - Unaccounted Direct Labor

Data Item / Alias	Description	Data Type	Size	Element
SOBK	mnF3111SOBK	Numeric	15,15[4]	Units - Qty Backordered/Held
QNTA	mnF3111QNTA	Numeric	15,15[4]	Units - Quantity Committed
UM	szF3111UM	String	2	Unit of Measure
EA	mnF3111EA	Numeric	15,15[2]	Amount - Estimated Cost
RTG	cF3111RTG	Char	1	Route Sheet (N)
MTST	szF3111MTST	String	2	Material Status Code W.O.
DCT	szF3111DCT	String	2	Document Type
SHNO	szF3111SHNO	String	10	Message Number
MCU	szF3111MCU	String	12	Business Unit
OMCU	szF3111OMCU	String	12	Project Business Unit
OBJ	szF3111OBJ	String	6	Object Account
SUB	szF3111SUB	String	8	Subsidiary
CMRV	szF3111CMRV	String	3	Component Revision Level
STRX	jdF3111STRX	Date	6	Date - Completion (Julian)
PARS	szF3111PARS	String	8	Number - Parent WO Number
COMM	cF3111COMM	Char	1	Committed (H/S)
URCD	szF3111URCD	String	2	User Reserved Code
URDT	jdF3111URDT	Date	6	User Reserved Date
URAT	mnF3111URAT	Numeric	15,15[2]	User Reserved Amount
URRF	szF3111URRF	String	15	User Reserved Reference
URAB	mnF3111URAB	Numeric	8	User Reserved Number
USER	szF3111USER	String	10	User ID
PID	szF3111PID	String	10	Program ID
JOBN	szF3111JOBN	String	10	Work Station ID
UPMJ	jdF3111UPMJ	Date	6	Date - Updated
TDAY	mnF3111TDAY	Numeric	6	Time of Day

Data Item / Alias	Description	Data Type	Size	Element
UKID	mnF3111UKID	Numeric	15	Unique Key ID (Internal)
VEND	mnF3111VEND	Numeric	8	Primary / Last Supplier Number
POC	cF3111POC	Char	1	Issue and Receipt
CTS4	mnF3111CTS4	Numeric	15,15[2]	Amount - Unaccounted Direct Labor
CTS7	mnF3111CTS7	Numeric	15,15[2]	Amount - Unaccounted Scrap
CTS8	mnF3111CTS8	Numeric	15,15[4]	Units - Unaccounted Scrap
GLD	jdF3111GLD	Date	6	G/L Date
SBLF	cF3111SBLF	Char	1	Parts List Substitute Flag
AING	cF3111AING	Char	1	Active Ingredient Flag
SSTQ	mnF3111SSTQ	Numeric	15,15[4]	Secondary Quantity Issued/Completed
UOM2	szF3111UOM2	String	2	Unit of Measure - Secondary
APSC	cF3111APSC	Char	1	Constraints Flag
PSN	mnF3111PSN	Numeric	8	Pick Slip Number
DLEJ	jdF3111DLEJ	Date	6	Lot Effectivity Date
COST	szF3111COST	String	3	Cost Component
CHPP	cF3111CHPP	Char	1	Critical Hold Propagation
CPNB	mnF3111CPNB	Numeric	8,8,[2]	Component Line Number BOM
BSEQAN	szF3111BSEQAN	String	5	Bubble Sequence Alpha Numeric
ESUNC	mnF31171ESUNC	Numeric	15,15[4]	Estimated Unit Cost
ESUNB	mnF31171ESUNB	Numeric	15,15[4]	Estimated Unit Billable
ESUNP	mnF31171ESUNP	Numeric	15,15[4]	Estimated Unit Payable
EPAAP	mnF31171EPAAP	Numeric	15,15[2]	Estimated Payment Amount
AMTO	mnF31171AMTO	Numeric	15,15[2]	Amount - Estimated
EBILL	mnF31171EBILL	Numeric	15,15[2]	Estimated Amount
ACUNC	mnF31171ACUNC	Numeric	15,15[4]	Actual Unit Cost

Data Item / Alias	Description	Data Type	Size	Element
ACUNB	mnF31171ACUNB	Numeric	15,15[4]	Actual Unit Billable
ACUNP	mnF31171ACUNP1	Numeric	15,15[4]	Actual Unit Payable
AMTA	mnF31171AMTA	Numeric	15,15[2]	Amount - Actual
TOTB	mnF31171TOTB	Numeric	15,15[2]	Total Billed
PAAP	mnF31171PAAP	Numeric	15,15[2]	Payment Amount
CLAMT	mnF31171CLAMT	Numeric	15,15[2]	Claim Amount
VEND	mnF31171VEND	Numeric	8	Primary / Last Supplier Number
PAYAB	cF31171PAYAB	Char	1	Payable (Y/N)
BILL	cF31171BILL	Char	1	Billable (Y/N)
DTPAY	jdF31171DTPAY	Date	6	Date - Paid
DTBIL	jdF31171DTBIL	Date	6	Date - Billed
COST	szF31171COST	String	3	Cost Component
GLCCV	szF31171GLCCV	String	4	Category - G/L Covered
GLCNC	szF31171GLCNC	String	4	Category - G/L Non-Covered
ENTCK	szF31171ENTCK	String	3	Entitlement Check
PID	szF31171PID	String	10	Program ID
VR02	szF31171VR02	String	25	Reference 2
JOBN	szF31171JOBN	String	10	Work Station ID
UPMJ	jdF31171UPMJ	Date	6	Date - Updated
TDAY	mnF31171TDAY	Numeric	6	Time of Day
ASN4	szF31171ASN4	String	8	Price and Adjustment Schedule-Four
ASN2	szF31171ASN2	String	8	Price and Adjustment Schedule-Service
PCOVR	mnF31171PCOVR	Numeric	5,5[2]	Percent Covered
MTHPR	cF31171MTHPR	Char	1	Method of Pricing
SAID	mnF31171SAID	Numeric	8	Service Address Number

Data Item / Alias	Description	Data Type	Size	Element
PRODF	szF31171PRODF	String	8	Product Family
PRODM	szF31171PRODM	String	8	Product Model
PMTHP	cF31171PMTHP	Char	1	Pay Pricing Method
COVGR	szF31171COVGR	String	8	Coverage Group
PYPRT	cF31171PYPRT	Char	1	Pay Service Provider for Parts
CRDC	szF31171CRDC	String	3	Currency Code - To
BCRCD	szF31171BCRCD	String	3	Billable Currency
BCRR	mnF31171BCRR	Numeric	15,15	Billable Exchange Rate
BCRRM	cF31171BCRRM	Char	1	Billable Currency Mode
FESUNB	mnF31171FESUNB	Numeric	15,15[4]	Foreign Estimated Billable Unit Rate
FEBILL	mnF31171FEBILL	Numeric	15,15[2]	Foreign Estimated Billable Amount
FACUNB	mnF31171FACUNB	Numeric	15,15[4]	Foreign Actual Billable Unit Rate
FTOTB	mnF31171FTOTB	Numeric	15,15[2]	Foreign Actual Billable Amount
PCRCD	szF31171PCRCD	String	3	Payable Currency
PCRR	mnF31171PCRR	Numeric	15,15	Payable Exchange Rate
PCRRM	cF31171PCRRM	Char	1	Payable Currency Mode
FESUNP	mnF31171FESUNP	Numeric	15,15[4]	Foreign Estimated Payable Unit Rate
FEPAAP	mnF31171FEPAAP	Numeric	15,15[2]	Foreign Estimated Payable Amount
FACUNP	mnF31171FACUNP	Numeric	15,15[4]	Foreign Actual Payable Unit Rate
FPAAP	mnF31171FPAAP	Numeric	15,15[2]	Foreign Actual Payable Amount
FAILCD	szF31171FAILCD	String	8	Defect Code
RETPOL	cF31171RETPOL	Char	1	Return Policy
DTSUB	jdF31171DTSUB	Date	6	Date Submitted
TMSUB	mnF31171TMSUB	Numeric	6	Time Submitted

Data Item / Alias	Description	Data Type	Size	Element
CSLPRT	mnF31171CSLPRT	Numeric	8	Casual Part
VMRS33	szF31171VMRS33	String	10	Component Code - Part
SRVEND	mnF31171SRVEND	Numeric	8	Supplier Recovery Vendor Number
RLOT	szF31171RLOT	String	30	Supplier Lot Number
MCUCSL	szF31171MCUCSL	String	12	Casual Part Business Unit
TAX1	cF31171TAX1	Char	1	Sales Taxable (Y/N)
UKIDP	mnF31171UKIDP	Numeric	15	Unique Key Pricing
VMRS31	szF31171VMRS31	String	2	Component Code - System
VMRS32	szF31171VMRS32	String	8	Component Code - Assembly

Conceptual Approach

A parts record added, modified or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Work Order Parts List table (F3111) and the Parts List - Extension table (F31171).

Objects that Can Initiate the Event

The B3101260 - Parts List Master Business Function can initiate the RTPRHDR event.

RTLBRHDR

RTLBRHDR is a single event that is generated by the PeopleSoft EnterpriseOne system to provide work order labor information.

Event Name	<i>RTLBRHDR</i>
Event Description	<i>Routing Header</i>
Event Type	<i>RTE</i>
Event Category	<i>Single</i>
Product Code	<i>17</i>
Reliable Delivery	<i>1</i>
Timeout Threshold	<i>0</i>
Data Structure	<i>D1703000</i>
Event Relationship	Included in container event RTLBROUT.

Event Fields

The RTLBRHDR event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnF3112DOCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szF3112DCTO	String	2	Order Type
SFXO	szF3112SFXO	String	3	Order Suffix
TRT	szF3112TRT	String	3	Type of Routing
KIT	mnF3112KIT	Numeric	8	Parent (short) Item Number
KITL	szF3112KITL	String	25	Kit - 2nd Item Number
KITA	szF3112KITA	String	25	3rd Item Number - Kit
MMCU	szF3112MMCU	String	12	Branch
LINE	szF3112LINE	String	12	Line/Cell Identifier
MCU	szF3112MCU	String	12	Business Unit
ALD	szF3112ALD	String	4	Auto Load Description
DSC1	szF3112DSC1	String	30	Description
OPSQ	mnF3112OPSQ	Numeric	5,5[2]	Sequence Number - Operations
OPSC	szF3112OPSC	String	2	Type Operation Code
OPST	szF3112OPST	String	2	Operation Status Code W.O.
INPE	szF3112INPE	String	2	Inspection Code
TIMB	cF3112TIMB	Char	1	Time Basis Code
LAMC	cF3112LAMC	Char	1	Labor or Machine
BFPF	cF3112BFPF	Char	1	Pay Point Code
PPRF	cF3112PPRF	Char	1	Pay Point Status
JBCD	szF3112JBCD	String	6	Job Type (Craft) Code
AN8	mnF3112AN8	Numeric	8	Address Number
CRTR	mnF3112CRTR	Numeric	7,7[4]	Critical Ratio
SLTR	mnF3112SLTR	Numeric	7,7[4]	Slack Time Ratio
TRDJ	jdF3112TRDJ	Date	6	Date - Order/Transaction

Data Item / Alias	Description	Data Type	Size	Element
DRQJ	jdF3112DRQJ	Date	6	Date - Requested
STRT	jdF3112STRT	Date	6	Date - Start (Julian)
STRX	jdF3112STRX	Date	6	Date - Completion (Julian)
RSFT	cF3112RSFT	Char	1	Shift Code - Requested
SSFT	cF3112SSFT	Char	1	Shift Code - Start
CSFT	cF3112CSFT	Char	1	Shift Code - Completed
LTPC	mnF3112LTPC	Numeric	5,5[2]	Percent - Leadtime Overlap
POVR	mnF3112POVR	Numeric	5,5[2]	Percent - Overlap
OPYP	mnF3112OPYP	Numeric	5,5[2]	Percent - Operational Planned Yield
CPYP	mnF3112CPYP	Numeric	5,5[2]	Percent - Cumulative Planned Yield
NXOP	mnF3112NXOP	Numeric	5,5[2]	Sequence Number - Next Operation
SETC	mnF3112SETC	Numeric	5,5[1]	Crew Size
MOVD	mnF3112MOVD	Numeric	5,5[2]	Move Hours - Standard
QUED	mnF3112QUED	Numeric	5,5[2]	Queue Hours - Standard
RUNM	mnF3112RUNM	Numeric	15,15[2]	Run Machine - Standard
RUNL	mnF3112RUNL	Numeric	15,15[2]	Run Labor - Standard
SETL	mnF3112SETL	Numeric	15,15[2]	Setup Labor - Standard
MACA	mnF3112MACA	Numeric	15,15[2]	Run Machine - Actual
LABA	mnF3112LABA	Numeric	15,15[2]	Run Labor - Actual
SETA	mnF3112SETA	Numeric	15,15[2]	Hours - Setup Labor Hours - Actual
OPSR	mnF3112OPSR	Numeric	15,15[4]	Factor - Operation Shrinkage Factor
UORG	mnF3112UORG	Numeric	15,15[4]	Units - Order/Transaction Quantity
SOCN	mnF3112SOCN	Numeric	15,15[4]	Units - Quantity Canceled /Scrapped

Data Item / Alias	Description	Data Type	Size	Element
SOQS	mnF3112SOQS	Numeric	15,15[4]	Quantity Shipped
QMT0	mnF3112OMTO	Numeric	15,15[4]	Units - Quantity at Operation
PWRT	mnF3112PWRT	Numeric	15,15[3]	Rate - Piecework
UOM	szF3112UOM	String	2	Unit of Measure as Input
CTS2	mnF3112CTS2	Numeric	15,15[2]	Hours - Unaccounted Setup Labor
CTS3	mnF3112CTS3	Numeric	15,15[2]	Hours - Unaccounted Machine Hours
CTS4	mnF3112CTS4	Numeric	15,51[2]	Amount - Unaccounted Direct Labor
CTS5	mnF3112CTS5	Numeric	15,15[2]	Amount - Unaccounted Setup Labor
CTS6	mnF3112CTS6	Numeric	15,15[2]	Amount - Unaccounted Machine
APID	szF3112APID	String	12	Unit or Tag Number
SHNO	szF3112SHNO	String	10	Message Number
OMCU	szF3112OMCU	String	12	Project Business Unit
OBJ	szF3112OBJ	String	6	Object Account
SUB	szF3112SUB	String	8	Subsidiary
VEND	mnF3112VEND	Numeric	8	Primary / Last Supplier Number
RKCO	szF3112RKCO	String	5	Company - Key (Related Order)
RORN	szF3112RORN	String	8	Related PO/SO/WO Number
RCTO	szF3112RCTO	String	2	Related PO/SO/WO Order Type
RLLN	mnF3112RLLN	Numeric	7,7[3]	Related PO/SO Line Number
DCT	szF3112DCT	String	2	Document Type
URCD	szF3112URCD	String	2	User Reserved Code
URDT	jdF3112URDT	Date	6	User Reserved Date
URAT	mnF3112URAT	Numeric	15,51[2]	User Reserved Amount
URRF	szF3112URRF	String	15	User Reserved Reference
URAB	mnF3112URAB	Numeric	8	User Reserved Number

Data Item / Alias	Description	Data Type	Size	Element
USER	szF3112USER	String	10	User ID
PID	szF3112PID	String	10	Program ID
JOB	szF3112JOB	String	10	Work Station ID
UPMJ	jdF3112UPMJ	Date	6	Date - Updated
TDAY	mnF3112TDAY	Numeric	6	Time of Day
LOCN	szF3112LOCN	String	20	Location
RUC	mnF3112RUC	Numeric	15,15[2]	Resource units consumed
CAPU	szF3112CAPU	String	2	Capacity Unit of measure
WMCU	szF3112WMCU	String	12	Workcenter Branch
CMHR	mnF3112CMHR	Numeric	15,15[2]	Run Machine - Current
CLHR	mnF3112CLHR	Numeric	15,15[2]	Run Labor - Current
CSHR	mnF3112CSHR	Numeric	15,15[2]	Setup Labor - Current
COST	szF3112COST	String	3	Cost Component
ACTB	szF3112ACTB	String	10	Activity-Based Costing Activity Code
NUMB	mnF3112NUMB	Numeric	8	Asset Item Number
CTS7	mnF3112CTS7	Numeric	15,15[2]	Amount - Unaccounted Scrap
CTS8	mnF3112CTS8	Numeric	15,15[4]	Units - Unaccounted Scrap
CTS9	mnF3112CTS9	Numeric	15,15[2]	Hours - Unaccounted Direct Labor
LABP	mnF3112LABP	Numeric	15,15[2]	Run Labor - Rate
MACR	mnF3112MACR	Numeric	15,15[2]	Run Machine - Rate
SETR	mnF3112SETR	Numeric	15,15[2]	Setup Labor - Rate
APSC	cF3112APSC	Char	1	Constraints Flag
SEST	mnF3112SEST	Numeric	6	Time - Scheduled Start (HH/MM/SS)
SEET	mnF3112SEET	Numeric	6	Time - Scheduled End (HH/MM/SS)

Data Item / Alias	Description	Data Type	Size	Element
D2J	jdF3112D2J	Date	6	Date - Actual Start
TMCO	mnF3112TMCO	Numeric	6	Time - Completed
STTI	mnF3112STTI	Numeric	6	Time - Start (HH/MM/SS)
CMPE	szF3112CMPE	String	3	Competency Type
CMPC	szF3112CMPC	String	10	Competency Code
CPLVLF	mnF3112CPLVLF	Numeric	6,6[3]	Competency Level Form
CPLVLT	mnF3112CPLVLT	Numeric	6,6[3]	Competency Level To
CMRQ	cF3112CMRQ	Char	1	Rule Match Flag
PAYAB	cF31172PAYAB	Char	1	Payable (Y/N)
BILL	cF31172BILL	Char	1	Billable (Y/N)
ACRTB	mnF31172ACRTB	Numeric	15,15[4]	Actual Billable Rate
ACRTP	mnF31172ACRTP	Numeric	9,9[4]	Actual Payable Rate
EBILL	mnF31172EBILL	Numeric	15,15[2]	Estimated Amount
AMTA	mnF31172AMTA	Numeric	15,15[2]	Amount - Actual
AMTO	mnF31172AMTO	Numeric	15,15[2]	Amount - Estimated
ESRTB	mnF31172ESRTB	Numeric	15,15[4]	Estimated Billable Rate
ESRTP	mnF31172ESRTP	Numeric	15,15[4]	Estimated Payable Rate
EPAAP	mnF31172EPAAP	Numeric	15,15[2]	Estimated Payable Amount
TOTB	mnF31172TOTB	Numeric	15,15[2]	Total Billed
CLAMT	mnF31172CLAMT	Numeric	15,15[2]	Claim Amount
DTBIL	jdF31172DTBIL	Date	6	Date - Billed
DTPAY	jdF31172DTPAY	Date	6	Date - Paid
PAAP	mnF31172PAAP	Numeric	15,15[2]	Payment Amount
LBR1	mnF31172LBR1	Numeric	15,15[2]	Rate - Labor Per Hour
D2J	jdF31172D2J	Date	6	Date - Actual Start
STTI	mnF31172STTI	Numeric	6	Time - Start (HH/MM/SS)

Data Item / Alias	Description	Data Type	Size	Element
EPETM	mnF31172EPETM	Numeric	6	Estimated Time - Ending (HH/MM/SS)
COST	szF31172COST	String	3	Cost Component
ENTCK	szF31172ENTCK	String	3	Entitlement Check
GLCNC	szF31172GLCNC	String	4	Category - G/L Non-Covered
GLCCV	szF31172GLCCV	String	4	Category - G/L Covered
USER	szF31172USER	String	10	User ID
PID	szF31172PID	String	10	Program ID
JOBN	szF31172JOBN	String	10	Work Station ID
UPMJ	jdF31172UPMJ	Date	6	Date - Updated
TDAY	mnF31172TDAY	Numeric	6	Time of Day
ASN4	szF31172ASN4	String	8	Price and Adjustment Schedule-Four
ASN2	szF31172ASN2	String	8	Price and Adjustment Schedule-Service
PCOVR	mnF31172PCOVR	Numeric	5,5[2]	Percent Covered
MTHPR	cF31172MTHPR	Char	1	Method of Pricing
SAID	mnF31172SAID	Numeric	8	Service Address Number
PRODF	szF31172PRODF	String	8	Product Family
PRODM	szF31172PRODM	String	8	Product Model
COVGR	szF31172COVGR	String	8	Coverage Group
PMTHP	cF31172PMTHP	Char	1	Pay Pricing Method
PYPRT	cF31172PYPRT	Char	1	Pay Service Provider for Parts
CRDC	szF31172CRDC	String	3	Currency Code - To
BCRCD	szF31172BCRCD	String	3	Billable Currency
BCRR	mnF31172BCRR	Numeric	15,15	Billable Exchange Rate
BCRRM	cF31172BCRRM	Char	1	Billable Currency Mode

Data Item / Alias	Description	Data Type	Size	Element
FESUNB	mnF31172FESUNB	Numeric	15,15[4]	Foreign Estimated Billable Unit Rate
FEBILL	mnF31172FEBILL	Numeric	15,15[2]	Foreign Estimated Billable Amount
FACUNB	mnF31172FACUNB	Numeric	15,15[4]	Foreign Actual Billable Unit Rate
FTOTB	mnF31172FTOTB	Numeric	15,15[2]	Foreign Actual Billable Amount
PCRCDD	szF31172PCRCDD	String	3	Payable Currency
PCRR	mnF31172PCRR	Numeric	15,15	Payable Exchange Rate
PCRRM	cF31172PCRRM	Char	1	Payable Currency Mode
FESUNP	mnF31172FESUNP	Numeric	15,15[4]	Foreign Estimated Payable Unit Rate
FEPAAP	mnF31172FEPAAP	Numeric	15,15[2]	Foreign Estimated Payable Amount
FACUNP	mnF31172FACUNP	Numeric	15,15[4]	Foreign Actual Payable Unit Rate
FPAAP	mnF31172FPAAP	Numeric	15,15[2]	Foreign Actual Payable Amount
DTSUB	jdF31172DTSUB	Date	6	Date Submitted
TMSUB	mnF31172TMSUB	Numeric	6	Time Submitted
CSLPRT	mnF31172CSLPRT	Numeric	8	Casual Part
INVREQ	cF31172INVREQ	Char	1	Invoice Required
INVREC	cF31172INVREC	Char	1	Invoice Received
VMRS32	szF31172VMRS32	String	8	Component Code - Assembly
MCUCSL	szF31172MCUCSL	String	12	Casual Part Business Unit
RLOT	szF31172RLOT	String	30	Supplier Lot Number
SRVEND	mnF31172SRVEND	Numeric	8	Supplier Recovery Vendor Number
UKIDP	mnF31172UKIDP	Numeric	15	Unique Key Pricing
FAILCD	szF31172FAILCD	String	8	Defect Code
VMRS31	szF31172VMRS31	String	2	Component Code - System

Data Item / Alias	Description	Data Type	Size	Element
VMRS33	szF31172VMRS33	String	10	Component Code - Part
LSRCE	cF31172LSRCE	Char	1	Source for Labor Line

Conceptual Approach

A parts record added, modified or deleted in the PeopleSoft EnterpriseOne system creates, modifies, or deletes a record in the Work Order Routing table (F3112) and the Routing Instructions - Extension table (F31172).

Objects that Can Initiate the Event

The B3101250 - Work Order Routing Master Business Function can initiate the RTLBRHDR event.

Glossary of PeopleSoft Terms

activity	A scheduling entity in PeopleSoft EnterpriseOne Form Design Aid that represents a designated amount of time on a calendar.
activity rule	The criteria by which an object progresses from one given point to the next in a flow.
add mode	A condition of a form that enables users to input data.
Advanced Planning Agent (APAg)	A PeopleSoft EnterpriseOne tool that can be used to extract, transform, and load enterprise data. APAg supports access to data sources in the form of relational databases, flat file format, and other data or message encoding, such as XML.
application server	A server in a local area network that contains applications shared by network clients.
as if processing	A process that enables you to view currency amounts as if they were entered in a currency different from the domestic and foreign currency of the transaction.
alternate currency	A currency that is different from the domestic currency (when dealing with a domestic-only transaction) or the domestic and foreign currency of a transaction. In PeopleSoft EnterpriseOne Financial Management, alternate currency processing enables you to enter receipts and payments in a currency other than the one in which they were issued.
as of processing	A process that is run as of a specific point in time to summarize transactions up to that date. For example, you can run various PeopleSoft EnterpriseOne reports as of a specific date to determine balances and amounts of accounts, units, and so on as of that date.
back-to-back process	A process in PeopleSoft EnterpriseOne Workflow Management that contains the same keys that are used in another process.
batch processing	A process of transferring records from a third-party system to PeopleSoft EnterpriseOne. In PeopleSoft EnterpriseOne Financial Management, batch processing enables you to transfer invoices and vouchers that are entered in a system other than EnterpriseOne to PeopleSoft EnterpriseOne Accounts Receivable and PeopleSoft EnterpriseOne Accounts Payable, respectively. In addition, you can transfer address book information, including customer and supplier records, to PeopleSoft EnterpriseOne.
batch server	A server that is designated for running batch processing requests. A batch server typically does not contain a database nor does it run interactive applications.
batch-of-one immediate	A transaction method that enables a client application to perform work on a client workstation, then submit the work all at once to a server application for further processing. As a batch process is running on the server, the client application can continue performing other tasks. See also direct connect and store-and-forward.
business function	A named set of user-created, reusable business rules and logs that can be called through event rules. Business functions can run a transaction or a subset of a transaction (check inventory, issue work orders, and so on). Business functions also contain the application programming interfaces (APIs) that enable them to be called from a form, a database trigger, or a non-EnterpriseOne application. Business functions can be combined with other business functions, forms, event rules, and other components to make up an application. Business functions can be created through

	event rules or third-generation languages, such as C. Examples of business functions include Credit Check and Item Availability.
business function event rule	See named event rule (NER).
business view	A means for selecting specific columns from one or more PeopleSoft EnterpriseOne tables whose data is used in an application or report. A business view does not select specific rows, nor does it contain any actual data. It is strictly a view through which you can manipulate data.
central objects merge	A process that blends a customer's modifications to the objects in a current release with objects in a new release.
central server	A server that has been designated to contain the originally installed version of the software (central objects) for deployment to client computers. In a typical PeopleSoft EnterpriseOne installation, the software is loaded on to one machine—the central server. Then, copies of the software are pushed out or downloaded to various workstations attached to it. That way, if the software is altered or corrupted through its use on workstations, an original set of objects (central objects) is always available on the central server.
charts	Tables of information in PeopleSoft EnterpriseOne that appear on forms in the software.
connector	Component-based interoperability model that enables third-party applications and PeopleSoft EnterpriseOne to share logic and data. The PeopleSoft EnterpriseOne connector architecture includes Java and COM connectors.
contra/clearing account	A general ledger account in PeopleSoft EnterpriseOne Financial Management that is used by the system to offset (balance) journal entries. For example, you can use a contra/clearing account to balance the entries created by allocations in PeopleSoft EnterpriseOne General Accounting.
Control Table Workbench	An application that, during the installation Workbench processing, runs the batch applications for the planned merges that update the data dictionary, user-defined codes, menus, and user override tables.
control tables merge	A process that blends a customer's modifications to the control tables with the data that accompanies a new release.
cost assignment	The process in PeopleSoft EnterpriseOne Advanced Cost Accounting of tracing or allocating resources to activities or cost objects.
cost component	In PeopleSoft EnterpriseOne Manufacturing Management, an element of an item's cost (for example, material, labor, or overhead).
cross segment edit	A logic statement that establishes the relationship between configured item segments. Cross segment edits are used to prevent ordering of configurations that cannot be produced.
currency restatement	The process of converting amounts from one currency into another currency, generally for reporting purposes. You can use the currency restatement process, for example, when many currencies must be restated into a single currency for consolidated reporting.
database server	A server in a local area network that maintains a database and performs searches for client computers.
Data Source Workbench	An application that, during the Installation Workbench process, copies all data sources that are defined in the installation plan from the Data Source Master and Table and Data Source Sizing tables in the Planner data source to the System-release number data source. It also updates the Data Source Plan detail record to reflect completion.

date pattern	A calendar that represents the beginning date for the fiscal year and the ending date for each period in that year in standard and 52-period accounting.
denominated-in currency	The company currency in which financial reports are based.
deployment server	A server that is used to install, maintain, and distribute software to one or more enterprise servers and client workstations.
detail information	Information that relates to individual lines in PeopleSoft EnterpriseOne transactions (for example, voucher pay items and sales order detail lines).
direct connect	A transaction method in which a client application communicates interactively and directly with a server application. See also batch-of-one immediate and store-and-forward.
Do Not Translate (DNT)	A type of data source that must exist on the iSeries because of BLOB restrictions.
dual pricing	The process of providing prices for goods and services in two currencies.
edit code	A code that indicates how a specific value for a report or a form should appear or be formatted. The default edit codes that pertain to reporting require particular attention because they account for a substantial amount of information.
edit mode	A condition of a form that enables users to change data.
edit rule	A method used for formatting and validating user entries against a predefined rule or set of rules.
Electronic Data Interchange (EDI)	An interoperability model that enables paperless computer-to-computer exchange of business transactions between PeopleSoft EnterpriseOne and third-party systems. Companies that use EDI must have translator software to convert data from the EDI standard format to the formats of their computer systems.
embedded event rule	An event rule that is specific to a particular table or application. Examples include form-to-form calls, hiding a field based on a processing option value, and calling a business function. Contrast with the business function event rule.
Employee Work Center	A central location for sending and receiving all PeopleSoft EnterpriseOne messages (system and user generated), regardless of the originating application or user. Each user has a mailbox that contains workflow and other messages, including Active Messages.
enterprise server	A server that contains the database and the logic for PeopleSoft EnterpriseOne or PeopleSoft World.
EnterpriseOne object	A reusable piece of code that is used to build applications. Object types include tables, forms, business functions, data dictionary items, batch processes, business views, event rules, versions, data structures, and media objects.
EnterpriseOne process	A software process that enables PeopleSoft EnterpriseOne clients and servers to handle processing requests and run transactions. A client runs one process, and servers can have multiple instances of a process. PeopleSoft EnterpriseOne processes can also be dedicated to specific tasks (for example, workflow messages and data replication) to ensure that critical processes don't have to wait if the server is particularly busy.
Environment Workbench	An application that, during the Installation Workbench process, copies the environment information and Object Configuration Manager tables for each environment from the Planner data source to the System-release number data source. It also updates the Environment Plan detail record to reflect completion.
escalation monitor	A batch process that monitors pending requests or activities and restarts or forwards them to the next step or user after they have been inactive for a specified amount of time.

event rule	A logic statement that instructs the system to perform one or more operations based on an activity that can occur in a specific application, such as entering a form or exiting a field.
facility	An entity within a business for which you want to track costs. For example, a facility might be a warehouse location, job, project, work center, or branch/plant. A facility is sometimes referred to as a <i>business unit</i> .
fast path	A command prompt that enables the user to move quickly among menus and applications by using specific commands.
file server	A server that stores files to be accessed by other computers on the network. Unlike a disk server, which appears to the user as a remote disk drive, a file server is a sophisticated device that not only stores files, but also manages them and maintains order as network user request files and make changes to these files.
final mode	The report processing mode of a processing mode of a program that updates or creates data records.
FTP server	A server that responds to requests for files via file transfer protocol.
header information	Information at the beginning of a table or form. Header information is used to identify or provide control information for the group of records that follows.
interface table	See Z tables.
integration server	A server that facilitates interaction between diverse operating systems and applications across internal and external networked computer systems.
integrity test	A process used to supplement a company's internal balancing procedures by locating and reporting balancing problems and data inconsistencies.
interoperability model	A method for third-party systems to connect to or access PeopleSoft EnterpriseOne.
in-your-face-error	In PeopleSoft EnterpriseOne, a form-level property which, when enabled, causes the text of application errors to appear on the form.
IServer service	Developed by PeopleSoft, this internet server service resides on the web server and is used to speed up delivery of the Java class files from the database to the client.
jargon	An alternative data dictionary item description that PeopleSoft EnterpriseOne or People World displays based on the product code of the current object.
Java application server	A component-based server that resides in the middle-tier of a server-centric architecture. This server provides middleware services for security and state maintenance, along with data access and persistence.
JDBNET	A database driver that enables heterogeneous servers to access each other's data.
JDEBASE Database Middleware	A PeopleSoft proprietary database middleware package that provides platform-independent APIs, along with client-to-server access.
JDECallObject	An API used by business functions to invoke other business functions.
jde.ini	A PeopleSoft file (or member for iSeries) that provides the runtime settings required for EnterpriseOne initialization. Specific versions of the file or member must reside on every machine running PeopleSoft EnterpriseOne. This includes workstations and servers.
JDEIPC	Communications programming tools used by server code to regulate access to the same data in multiprocess environments, communicate and coordinate between processes, and create new processes.

jde.log	The main diagnostic log file of PeopleSoft EnterpriseOne. This file is always located in the root directory on the primary drive and contains status and error messages from the startup and operation of PeopleSoft EnterpriseOne.
JDENET	PeopleSoft proprietary communications middleware package. This package is a peer-to-peer, message-based, socket-based, multiprocess communications middleware solution. It handles client-to-server and server-to-server communications for all PeopleSoft EnterpriseOne supported platforms.
Location Workbench	An application that, during the Installation Workbench process, copies all locations that are defined in the installation plan from the Location Master table in the Planner data source to the System data source.
logic server	A server in a distributed network that provides the business logic for an application program. In a typical configuration, pristine objects are replicated on to the logic server from the central server. The logic server, in conjunction with workstations, actually performs the processing required when PeopleSoft EnterpriseOne and World software runs.
MailMerge Workbench	An application that merges Microsoft Word 6.0 (or higher) word-processing documents with PeopleSoft EnterpriseOne records to automatically print business documents. You can use MailMerge Workbench to print documents, such as form letters about verification of employment.
master business function (MBF)	An interactive master file that serves as a central location for adding, changing, and updating information in a database. Master business functions pass information between data entry forms and the appropriate tables. These master functions provide a common set of functions that contain all of the necessary default and editing rules for related programs. MBFs contain logic that ensures the integrity of adding, updating, and deleting information from databases.
master table	See published table.
matching document	A document associated with an original document to complete or change a transaction. For example, in PeopleSoft EnterpriseOne Financial Management, a receipt is the matching document of an invoice, and a payment is the matching document of a voucher.
media storage object	Files that use one of the following naming conventions that are not organized into table format: Gxxx, xxxGT, or GTxxx.
message center	A central location for sending and receiving all PeopleSoft EnterpriseOne messages (system and user generated), regardless of the originating application or user.
messaging adapter	An interoperability model that enables third-party systems to connect to PeopleSoft EnterpriseOne to exchange information through the use of messaging queues.
messaging server	A server that handles messages that are sent for use by other programs using a messaging API. Messaging servers typically employ a middleware program to perform their functions.
named event rule (NER)	Encapsulated, reusable business logic created using event rules, rather than C programming. NERs are also called business function event rules. NERs can be reused in multiple places by multiple programs. This modularity lends itself to streamlining, reusability of code, and less work.
<i>nota fiscal</i>	In Brazil, a legal document that must accompany all commercial transactions for tax purposes and that must contain information required by tax regulations.
<i>nota fiscal factura</i>	In Brazil, a <i>nota fiscal</i> with invoice information. See also <i>nota fiscal</i> .

Object Configuration Manager (OCM)	In PeopleSoft EnterpriseOne, the object request broker and control center for the runtime environment. OCM keeps track of the runtime locations for business functions, data, and batch applications. When one of these objects is called, OCM directs access to it using defaults and overrides for a given environment and user.
Object Librarian	A repository of all versions, applications, and business functions reusable in building applications. Object Librarian provides check-out and check-in capabilities for developers, and it controls the creation, modification, and use of PeopleSoft EnterpriseOne objects. Object Librarian supports multiple environments (such as production and development) and enables objects to be easily moved from one environment to another.
Object Librarian merge	A process that blends any modifications to the Object Librarian in a previous release into the Object Librarian in a new release.
Open Data Access (ODA)	An interoperability model that enables you to use SQL statements to extract PeopleSoft EnterpriseOne data for summarization and report generation.
Output Stream Access (OSA)	An interoperability model that enables you to set up an interface for PeopleSoft EnterpriseOne to pass data to another software package, such as Microsoft Excel, for processing.
package	EnterpriseOne objects are installed to workstations in packages from the deployment server. A package can be compared to a bill of material or kit that indicates the necessary objects for that workstation and where on the deployment server the installation program can find them. It is point-in-time snap shot of the central objects on the deployment server.
package build	A software application that facilitates the deployment of software changes and new applications to existing users. Additionally, in PeopleSoft EnterpriseOne, a package build can be a compiled version of the software. When you upgrade your version of the ERP software, for example, you are said to take a package build. Consider the following context: “Also, do not transfer business functions into the production path code until you are ready to deploy, because a global build of business functions done during a package build will automatically include the new functions.” The process of creating a package build is often referred to, as it is in this example, simply as “a package build.”
package location	The directory structure location for the package and its set of replicated objects. This is usually \\deployment server\release\path_code\package\package name. The subdirectories under this path are where the replicated objects for the package are placed. This is also referred to as where the package is built or stored.
Package Workbench	An application that, during the Installation Workbench process, transfers the package information tables from the Planner data source to the System-release number data source. It also updates the Package Plan detail record to reflect completion.
PeopleSoft Database	See JDEBASE Database Middleware.
planning family	A means of grouping end items whose similarity of design and manufacture facilitates being planned in aggregate.
preference profile	The ability to define default values for specified fields for a user-defined hierarchy of items, item groups, customers, and customer groups.
print server	The interface between a printer and a network that enables network clients to connect to the printer and send their print jobs to it. A print server can be a computer, separate hardware device, or even hardware that resides inside of the printer itself.
pristine environment	A PeopleSoft EnterpriseOne environment used to test unaltered objects with PeopleSoft demonstration data or for training classes. You must have this environment so that you can compare pristine objects that you modify.

processing option	A data structure that enables users to supply parameters that regulate the running of a batch program or report. For example, you can use processing options to specify default values for certain fields, to determine how information appears or is printed, to specify date ranges, to supply runtime values that regulate program execution, and so on.
production environment	A PeopleSoft EnterpriseOne environment in which users operate EnterpriseOne software.
production-grade file server	A file server that has been quality assurance tested and commercialized and that is usually provided in conjunction with user support services.
program temporary fix (PTF)	A representation of changes to PeopleSoft software that your organization receives on magnetic tapes or disks.
project	In PeopleSoft EnterpriseOne, a virtual container for objects being developed in Object Management Workbench.
promotion path	The designated path for advancing objects or projects in a workflow. The following is the normal promotion cycle (path): 11>21>26>28>38>01 In this path, 11 equals new project pending review, 21 equals programming, 26 equals QA test/review, 28 equals QA test/review complete, 38 equals in production, 01 equals complete. During the normal project promotion cycle, developers check objects out of and into the development path code and then promote them to the prototype path code. The objects are then moved to the productions path code before declaring them complete.
proxy server	A server that acts as a barrier between a workstation and the internet so that the enterprise can ensure security, administrative control, and caching service.
published table	Also called a master table, this is the central copy to be replicated to other machines. Residing on the publisher machine, the F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
publisher	The server that is responsible for the published table. The F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
pull replication	One of the PeopleSoft methods for replicating data to individual workstations. Such machines are set up as pull subscribers using PeopleSoft EnterpriseOne data replication tools. The only time that pull subscribers are notified of changes, updates, and deletions is when they request such information. The request is in the form of a message that is sent, usually at startup, from the pull subscriber to the server machine that stores the F98DRPCN table.
QBE	An abbreviation for query by example. In PeopleSoft EnterpriseOne, the QBE line is the top line on a detail area that is used for filtering data.
real-time event	A service that uses system calls to capture PeopleSoft EnterpriseOne transactions as they occur and to provide notification to third-party software, end users, and other PeopleSoft systems that have requested notification when certain transactions occur.
refresh	A function used to modify PeopleSoft EnterpriseOne software, or subset of it, such as a table or business data, so that it functions at a new release or cumulative update level, such as B73.2 or B73.2.1.
replication server	A server that is responsible for replicating central objects to client machines.
quote order	In PeopleSoft EnterpriseOne Procurement and Subcontract Management, a request from a supplier for item and price information from which you can create a purchase order.

	In PeopleSoft EnterpriseOne Sales Order Management, item and price information for a customer who has not yet committed to a sales order.
selection	Found on PeopleSoft menus, a selection represents functions that you can access from a menu. To make a selection, type the associated number in the Selection field and press Enter.
Server Workbench	An application that, during the Installation Workbench process, copies the server configuration files from the Planner data source to the System-release number data source. It also updates the Server Plan detail record to reflect completion.
spot rate	An exchange rate entered at the transaction level. This rate overrides the exchange rate that is set up between two currencies.
Specification merge	A merge that comprises three merges: Object Librarian merge, Versions List merge, and Central Objects merge. The merges blend customer modifications with data that accompanies a new release.
specification	A complete description of a PeopleSoft EnterpriseOne object. Each object has its own specification, or name, which is used to build applications.
Specification Table Merge Workbench	An application that, during the Installation Workbench process, runs the batch applications that update the specification tables.
store-and-forward	The mode of processing that enables users who are disconnected from a server to enter transactions and then later connect to the server to upload those transactions.
subscriber table	Table F98DRSUB, which is stored on the publisher server with the F98DRPUB table and identifies all of the subscriber machines for each published table.
supplemental data	Any type of information that is not maintained in a master file. Supplemental data is usually additional information about employees, applicants, requisitions, and jobs (such as an employee's job skills, degrees, or foreign languages spoken). You can track virtually any type of information that your organization needs. For example, in addition to the data in the standard master tables (the Address Book Master, Customer Master, and Supplier Master tables), you can maintain other kinds of data in separate, generic databases. These generic databases enable a standard approach to entering and maintaining supplemental data across PeopleSoft EnterpriseOne systems.
table access management (TAM)	The PeopleSoft EnterpriseOne component that handles the storage and retrieval of use-defined data. TAM stores information, such as data dictionary definitions; application and report specifications; event rules; table definitions; business function input parameters and library information; and data structure definitions for running applications, reports, and business functions.
Table Conversion Workbench	An interoperability model that enables the exchange of information between PeopleSoft EnterpriseOne and third-party systems using non-PeopleSoft EnterpriseOne tables.
table conversion	An interoperability model that enables the exchange of information between PeopleSoft EnterpriseOne and third-party systems using non-PeopleSoft EnterpriseOne tables.
table event rules	Logic that is attached to database triggers that runs whenever the action specified by the trigger occurs against the table. Although PeopleSoft EnterpriseOne enables event rules to be attached to application events, this functionality is application specific. Table event rules provide embedded logic at the table level.
terminal server	A server that enables terminals, microcomputers, and other devices to connect to a network or host computer or to devices attached to that particular computer.

three-tier processing	The task of entering, reviewing and approving, and posting batches of transactions in PeopleSoft EnterpriseOne.
three-way voucher match	In PeopleSoft EnterpriseOne Procurement and Subcontract Management, the process of comparing receipt information to supplier's invoices to create vouchers. In a three-way match, you use the receipt records to create vouchers.
transaction processing (TP) monitor	A monitor that controls data transfer between local and remote terminals and the applications that originated them. TP monitors also protect data integrity in the distributed environment and may include programs that validate data and format terminal screens.
transaction set	An electronic business transaction (electronic data interchange standard document) made up of segments.
trigger	One of several events specific to data dictionary items. You can attach logic to a data dictionary item that the system processes automatically when the event occurs.
triggering event	A specific workflow event that requires special action or has defined consequences or resulting actions.
two-way voucher match	In PeopleSoft EnterpriseOne Procurement and Subcontract Management, the process of comparing purchase order detail lines to the suppliers' invoices to create vouchers. You do not record receipt information.
User Overrides merge	Adds new user override records into a customer's user override table.
variance	In Capital Asset Management, the difference between revenue generated by a piece of equipment and costs incurred by the equipment. In EnterpriseOne Project Costing and EnterpriseOne Manufacturing Management, the difference between two methods of costing the same item (for example, the difference between the frozen standard cost and the current cost is an engineering variance). Frozen standard costs come from the Cost Components table, and the current costs are calculated using the current bill of material, routing, and overhead rates.
Version List merge	The Versions List merge preserves any non-XJDE and non-ZJDE version specifications for objects that are valid in the new release, as well as their processing options data.
visual assist	Forms that can be invoked from a control via a trigger to assist the user in determining what data belongs in the control.
vocabulary override	An alternate description for a data dictionary item that appears on a specific PeopleSoft EnterpriseOne or World form or report.
wchar_t	An internal type of a wide character. It is used for writing portable programs for international markets.
web application server	A web server that enables web applications to exchange data with the back-end systems and databases used in eBusiness transactions.
web server	A server that sends information as requested by a browser, using the TCP/IP set of protocols. A web server can do more than just coordination of requests from browsers; it can do anything a normal server can do, such as house applications or data. Any computer can be turned into a web server by installing server software and connecting the machine to the internet.
Windows terminal server	A multiuser server that enables terminals and minimally configured computers to display Windows applications even if they are not capable of running Windows software themselves. All client processing is performed centrally at the Windows terminal server and only display, keystroke, and mouse commands are transmitted over the network to the client terminal device.

work day calendar	In EnterpriseOne Manufacturing Management, a calendar that is used in planning functions that consecutively lists only working days so that component and work order scheduling can be done based on the actual number of work days available. A work day calendar is sometimes referred to as planning calendar, manufacturing calendar, or shop floor calendar.
workflow	The automation of a business process, in whole or in part, during which documents, information, or tasks are passed from one participant to another for action, according to a set of procedural rules.
workgroup server	A server that usually contains subsets of data replicated from a master network server. A workgroup server does not perform application or batch processing.
XAPI events	A service that uses system calls to capture PeopleSoft EnterpriseOne transactions as they occur and then calls third-party software, end users, and other PeopleSoft systems that have requested notification when the specified transactions occur to return a response.
XML CallObject	An interoperability capability that enables you to call business functions.
XML Dispatch	An interoperability capability that provides a single point of entry for all XML documents coming into PeopleSoft EnterpriseOne for responses.
XML List	An interoperability capability that enables you to request and receive PeopleSoft EnterpriseOne database information in chunks.
XML Service	An interoperability capability that enables you to request events from one PeopleSoft EnterpriseOne system and receive a response from another PeopleSoft EnterpriseOne system.
XML Transaction	An interoperability capability that enables you to use a predefined transaction type to send information to or request information from PeopleSoft EnterpriseOne. XML transaction uses interface table functionality.
XML Transaction Service (XTS)	Transforms an XML document that is not in the PeopleSoft EnterpriseOne format into an XML document that can be processed by PeopleSoft EnterpriseOne. XTS then transforms the response back to the request originator XML format.
Z event	A service that uses interface table functionality to capture PeopleSoft EnterpriseOne transactions and provide notification to third-party software, end users, and other PeopleSoft systems that have requested to be notified when certain transactions occur.
Z table	A working table where non-PeopleSoft EnterpriseOne information can be stored and then processed into PeopleSoft EnterpriseOne. Interface tables also can be used to retrieve PeopleSoft EnterpriseOne data. Interface tables are also known as interface tables.
Z transaction	Third-party data that is properly formatted in interface tables for updating to the PeopleSoft EnterpriseOne database.

Index

A

- account information 65
- additional documentation viii
- address book email information 9, 17
- address book information 6
- address book number
 - for a branch plant, changing 11
- address book parent child information 5, 10
- address book phone information 8, 16
- AP payment remittance advice
 - detail information 74
 - header information 73
- AP payment remittance information 71
- application fundamentals vii
- authentication of supplier website 41

B

- branch plant
 - changes to the address book number 11
 - ship to header information 12
- business unit information 18
- business unit/jobs cross reference 88

C

- cart inbound request 45
- cart information 43
- catalog URL 44
- category code information for
 - customers 37
- comments, submitting xii
- common elements xii
- company information 28
- competency based job descriptions 87
- competency information 80, 81
- competency scales information 78, 79
- contact information xii
- cross-references xi
- currency exchange rate information 69
- customer category code information 37
- Customer Connection website viii
- customer email addresses 36
- customer information 32
- customer phone numbers 35

D

- deduction information 75, 76
- documentation
 - printed viii
 - related viii
 - updates viii

E

- email addresses
 - for customers 36
 - for supplier 183
- email information 9, 17
- employee information 46, 52, 53, 55, 56
- equipment information 57
- Event Definition Workbench program (P90701A) 2
- events, defining 2
- exchange rate information 69

F

- F90701 table 2

H

- hold release 136

I

- inbound shopping cart, cancelling the request 40
- Interoperability Event Definition table (F90701) 2
- invoice information 137
- item information 90
- item list price information 155
- item location information 97
- item unit cost information 100

J

- job information 83

L

- labor information 206
- list price information 155
- location information 97

M

MMA Partners viii

N

notes xi

O

OPBOMROUT realtime event 109
organizational business unit/jobs cross
reference 88

P

P90701A program 2
parent child information 5, 10
parts information 199
parts list 109
payment remittance advice
 detail information 74
 header information 73
payment remittance information 71
PeopleBooks
 ordering viii
PeopleCode, typographical conventions x
PeopleSoft application fundamentals vii
phone information 8, 16
phone numbers
 for customers 35
 for supplier 182
prerequisites vii
price information 155
printed documentation viii
promise date 169
purchase order hold release 136
purchase order information 113, 114, 119,
 126
purchase order receipt information 130

R

realtime events (RTEs)
 defining 2
 overview 1
receipt information 130
related documentation viii
remittance advice
 detail information 74
 header information 73
remittance information 71
routing information 109
RTABEABOUT realtime event 9

RTABHDR realtime event 6
RTABOUT realtime event 5
RTABPHOUT realtime event 8
RTAMOUT realtime event 65
RTBUOUT realtime event 18
RTCMCCOUT realtime event 37
RTCMEABOUT realtime event 36
RTCMHDR realtime event 32
RTCMOUT realtime event 32
RTCMPHOUT realtime event 35
RTCOOUT realtime event 28
RTCOSTOUT realtime event 100
RTCOSTOUTA realtime event 100
RTCPOUTB realtime event 81
RTCROUT realtime event 69
RTDADTL realtime event 76
RTDAOUT realtime event 75
RTEMOUTB realtime event 46
RTEMOUTC realtime event 52
RTEMOUTD realtime event 53
RTEMPTYCRT realtime event 40
RTEQORDHDR realtime event 189
RTEQPHDR realtime event 57
RTIBOUT realtime event 97
RTIMOUT realtime event 90
RTINVOUT realtime event 137
RTJBOUTB realtime event 83
RTJBUOUTB realtime event 88
RTJDOUTB realtime event 87
RTLBRHDR realtime event 206
RTLPOUT realtime event 155
RTPCOUT realtime event 10
RTPIOUTB realtime event 55
RTPIOUTC realtime event 56
RTPODIST realtime event 126
RTPODTL realtime event 119
RTPOHDR realtime event 114
RTPOHLDOUT realtime event 136
RTPOOUT realtime event 113
RTPRHDR realtime event 199
RTRADTL realtime event 74
RTRAHDR realtime event 73
RTRAOUT realtime event 71
RTRCHDR realtime event 80
RTRECOOUT realtime event 130
RTSHPEABOUT realtime event 17
RTSHPHDR realtime event 12
RTSHPNOUT realtime event 156
RTSHPOUT realtime event 11
RTSHPPHOUT realtime event 16

RTSLDTL realtime event 79
 RTSLHDR realtime event 78
 RTSMEAOUT realtime event 183
 RTSMOUT realtime event 180
 RTSMPHOUT realtime event 182
 RTSODTL realtime event 148
 RTSOHDR realtime event 144
 RTSOOUT realtime event 143
 RTUOMDTL realtime event 102
 RTUOMOUT realtime event 102
 RTUPOUTB realtime event 185
 RTWOHDR realtime event 106
 RTWOOUT realtime event 104

S

sales order information 143, 144, 148
 sales order promise date 169
 sales order query 176
 ship to header information for a branch
 plant 12
 shipment confirmation 156
 shopping cart
 cancelling the request 40
 inbound request 45
 shopping cart information 43
 suggestions, submitting xii
 supplier catalog URL 44
 supplier email addresses 183
 supplier information 180
 supplier phone number 182
 supplier website authentication
 response 41

T

typographical conventions x

U

unit cost information 100
 unit of measure conversions 102
 URL of supplier catalog 44
 user profile information 185

V

visual cues xi

W

warnings xi
 website authentication 41
 work order information 104, 106, 189

work order labor information 206
 work order parts information 199
 work order parts list and routing 109

X

XAPI events 1
 XAPIAUTHEN XAPI event 41
 XAPIGETCRT XAPI event 43
 XAPIGETURL XAPI event 44
 XAPIOPIN XAPI event 176
 XAPIOPOUT XAPI event 169
 XAPIREQCRT XAPI event 45

