

## Design Pattern Action Reference

Find reference information for defining design pattern actions for Oracle Communications Design Studio entities.

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## Action

### Subject Type **cmnAction**

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Action Code	oracle.communications.sce.common.entity.entities.action.actioncodesto specializedactioncode.actionTypeRef	Specialized Action Code	Action Code (actionType)	NA	relationship
Action Parameter Helper	oracle.communications.sce.common.entity.entities.action.actionclassification.action.parameter.helper	Classification	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	parameter
Action Type	oracle.communications.sce.common.entity.entities.action.actionclassification.FunctionalAreaRef	Classification	Functional Area (funcArea)	NA	relationship
DataDictionary Data Elements Clone Helper	oracle.communications.sce.common.entity.action.cSDL.dataelements.clone.helper		Service Action (serviceAction)	NA	interface
Data Key Path	oracle.communications.studio.osm.transformation.entities.data.datakey.mappingrule.multiinstance.keypath	Data Key	Action (cmnAction) Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship
Extends	oracle.communications.sce.common.entity.entities.action.extends	NA	Action (cmnAction)	NA	extension
Target	oracle.communications.sce.common.entity.entities.action.actionclassification.targetRef	Classification	Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Application Role	oracle.communications.sce.common.entity.entities.action.actioncodes.actionApplicationRoleRef	Action Codes	Application Role (applicationRole)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Subject	oracle.communications.sce.common.entity.entities.action.actionclassification.subjectRef	Classification	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship

## Action Code

### Subject Type actionType

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Action Code entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Functional Area	oracle.communications.sce.common.entity.entities.action.type.functionallareas.functionalAreaRef	Action Type Classification	Functional Area (funcArea)	NA	relationship

## Action Parameter Binding

### Subject Type bindingSet

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Action Parameter Binding entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Target	oracle.communications.sce.common.entity.entities.bindingset.bindingsetruleitemtarget.bindingset.target	Binding Set Rule Item Target	java.lang	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Action	oracle.communications.sce.common.entity.entities.bindingset.bindingcontext.BindingSetActionRef	Scope	Action (cmnAction)	NA	relationship
Source Data Element	oracle.communications.sce.common.entity.entities.bindingset.simplebinding.simpleBindingSourceRef	Simple Binding	java.lang	NA	relationship
Subject	oracle.communications.sce.common.entity.entities.bindingset.bindingcontext.contextSubjectRef	Scope	Location (cmnLocation) Resource (cmnResource) Customer Facing Service (custSrvc) Product (cmnProduct) Resource Facing Service (rsrcSrvc)	NA	relationship
Contributor Element	oracle.communications.sce.common.entity.entities.bindingset.bindingsetcontributor.contributortcontributor.contributortcontributor.elementRef	Binding Set Contributor	java.lang	NA	relationship
Context Element	oracle.communications.sce.common.entity.entities.bindingset.bindingcontext.context.elementRef	Scope	java.lang	NA	relationship
Contributor Entity	oracle.communications.sce.common.entity.entities.bindingset.bindingsetcontributor.contributortcontributor.contributortcontributor.entityRef	Binding Set Contributor		NA	relationship
Target Data Element	oracle.communications.sce.common.entity.entities.bindingset.simplebinding.simpleBindingTargetRef	Simple Binding	java.lang	NA	relationship
Source	oracle.communications.sce.common.entity.entities.bindingset.bindingsetruleitemsource.bindingsetruleitem.source	Binding Set Rule Item Source	java.lang	NA	relationship
Target Data Element	oracle.communications.sce.common.entity.entities.bindingset.custombinding.customBindingRef	Custom Binding	java.lang	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Target Data Element	oracle.communications.sce.common.entity.entities.bindingset.elementbindingcondition.elementBindingConditionRef	Binding Condition	java.lang	NA	relationship
Context Entity	oracle.communications.sce.common.entity.entities.bindingset.bindingcontext.context.entityRef	Scope		NA	relationship
Action Code	oracle.communications.sce.common.entity.entities.bindingset.bindingcondition.bindingSetConditionActionCodeRef	Conditions	Action Code (actionType)	NA	relationship
Action	oracle.communications.sce.common.entity.entities.bindingset.bindingcondition.bindingSetConditionActionRef	Conditions	Action (cmnAction)	NA	relationship

## Activation Project

### Subject Type activationCartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Activation Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

## Activation SRT Project

### Subject Type SRTC cartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Activation SRT Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

## Activation Task

### Subject Type activationTask

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Activation Task entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Order	com.mslv.studio.provisioning.task.manual.orderType	NA	Order (order)	NA	relationship

## Application Role

### Subject Type applicationRole

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Application Role entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Action Type	oracle.communications.sce.common.entity.entities.application.role.FunctionalAreaRef	NA	Functional Area (funcArea)	NA	relationship
Action Code	oracle.communications.sce.common.entity.entities.application.role.specializedactioncode.actionTypeRef	Specialized Action Code Detail	Action Code (actionType)	NA	relationship

## Assimilation Action

### Subject Type assimilationaction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Assimilation Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.action.relalizationRef	NA	Action (cmnAction)	NA	relationship

## Atomic Action

### Subject Type atomicAction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Atomic Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Atomic Action Generation Helper	oracle.communications.sce.common.entity.action.asdl.helper	NA	Action (cmnAction)	NA	interface

## Automated Task

### Subject Type automationTask

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Automated Task entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Order	com.mslv.studio.provisioning.task.manual.orderType	NA	Order (order)	NA	relationship

## Business Interaction Specification

### Subject Type bi

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Business Interaction Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set, Rule Set Extension point (rst)	NA	relationship

## Capacity Provided Specification

### Subject Type capprov

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Capacity Provided Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Ruleset (ruleset), Rule Set Extension point (rst)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		

## Capacity Required Specification

### Subject Type capreq

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Capacity Required Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Ruleset (ruleset), Ruleset Extension Point (rst)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		

## Composite Cartridge View

### Subject Type compositeCartridgeView

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Composite Cartridge View entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Order	com.mslv.studio.provisioning.task.manual.orderType	NA	Order (order)	NA	relationship

# Connectivity Specification

## Subject Type connectivity

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Connectivity Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Location (cmnLocation), Resource (cmnResource), Customer Facing Service (custSrv), Resource Facing Service (rsrvSrv), Product (cmnProduct)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Location (cmnLocation), Resource (cmnResource), Customer Facing Service (custSrv), Resource Facing Service (rsrvSrv), Product (cmnProduct)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	interface



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		

## Custom Network Address Specification

### Subject Type custna

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Custom Network Address Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Location (cmnLocation), Resource (cmnResource), Customer Facing Service (custSrv), Resource Facing Service (rsrvSrv), Product (cmnProduct)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Custom Object Specification

**Subject Type custobj**

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Custom Object Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Location (cmnLocation), Resource (cmnResource), Customer Facing Service (custSrv), Resource Facing Service (rsrcSrv), Product (cmnProduct)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrvSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Customer Facing Service

**Subject Type custSrvc**



This table contains the information required for the subject and participant of actions you can define in a design pattern for the Customer Facing Service entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Subject Data Elements Information Update Helper for UIM Services	com.mslv.studio.inventory.service.subjectDetailsRefHelper	NA	Service Specification (service)	NA	interface
Subject Components and Properties Update Helper	com.mslv.studio.inventory.service.subjectRelationsRefHelper	NA	Service Specification (service)	NA	relationship
Data Key Path	oracle.communications.studio.osm.transformation.entities.data.datakey.mappingrule.multiinstance.keypath	Data key	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc) Location (cmnLocation)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship
Extends	oracle.communications.sce.common.entity.entities.service.customer.extends	NA	Customer Facing Service (custSrvc)	NA	extension
Fulfillment Pattern	oracle.communications.sce.common.entity.entities.service.customer.cfstoprocessingpatternref.patternRef	Customer Facing Service (custSrvc), Fulfillment Pattern	Fulfillment Pattern (procPtrnType)	NA	relationship
Options	oracle.communications.sce.common.entity.entities.service.customer.cfstocomponentref.cfsComponentsRef	CFSToComponentRef(oracle.communications.sce.common.entity.entities.service.customer.cfstocomponentref)	Location (cmnLocation) Resource Facing Service (rsrcSrvc)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.service.customer.cfstocomponentref.relationshipTypeRef	CFSToComponentRef(oracle.communications.sce.common.entity.entities.service.customer.cfstocomponentref)	Relationship Type (relType)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Relationship Type	oracle.communications.sce.common.entity.entities.service.customer.customerfacing servicetoanyref.relationshipRefRef	CustomerFacingServiceToAnyRef(oracle.communications.sce.common.entity.entities.service.customer.customerfacing servicetoanyref)	Relationship Type (relType)	NA	relationship
Target	oracle.communications.sce.common.entity.entities.service.customer.customerfacing servicetoanyref.entityRef	CustomerFacingServiceToAnyRef(oracle.communications.sce.common.entity.entities.service.customer.customerfacing servicetoanyref)	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship

## Data Structure Definition

### Subject Type dataStructDef

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Data Structure Definition entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Extends	oracle.communications.sce.common.entity.entities.dataStructureDefinition.extends	NA	Data Structure Definition(dataStructDef)	NA	extension
Key Path	oracle.communications.sce.common.entity.entities.datastructuredefinition.details.multiinstance.keypath	Data Structure Definition Details	Data Structure Definition(dataStructDef)	NA	relationship

## Device Interface Specification

### Subject Type deviceInterface

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Device Interface Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Ruleset, Ruleset Extension Point	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

## Diagram Specification

### Subject Type diagram

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Diagram Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Location (cmnLocation), Resource (cmnResource), Customer Facing Service (custSrv), Resource Facing Service (rsrcSrv), Product (cmnProduct)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Location (cmnLocation), Resource (cmnResource), Customer Facing Service (custSrv), Resource Facing Service (rsrcSrv), Product (cmnProduct)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Ruleset (ruleset), Ruleset Extension Point (rst)	NA	relationship

## Discovery Action

### Subject Type discoveryaction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Discovery Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.action.relalizationRef	NA	Action (cmnAction)	NA	relationship

## Discrepancy Detection Action

### Subject Type detectionaction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Discrepancy Detection Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.action.relalizationRef	NA	Action (cmnAction)	NA	relationship

## Discrepancy Resolution Action

### Subject Type resolutionaction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Discrepancy Resolution Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.action.relalizationRef	NA	Action (cmnAction)	NA	relationship

## Domain

### Subject Type cmnDomain

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Domain entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Conceptual Model	oracle.communications.sce.common.entity.entities.domain.conceptualModelRef	NA	Action (cmnAction) Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Functional Area	oracle.communications.sce.common.entity.entities.domain.functionalAreaRef	NA	Functional Area (funcArea)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Sub Domain	oracle.communications.sce.common.entity.entities.domain.subDomainRef	NA	Domain (cmnDomain)	NA	relationship

## Equipment Holder Specification

### Subject Type equipmentHolder

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Equipment Holder Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization		Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)		interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER		Rule Set Extension point (rst)	NA	relationship

## Equipment Specification

### Subject Type equipment



This table contains the information required for the subject and participant of actions you can define in a design pattern for the Equipment Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization		Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)		interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER		Rule Set Extension point (rst)	NA	relationship

## Flow Identifier Specification

### Subject Type flowIdentifier

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Flow Identifier Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource>)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource>)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		

## Flow Interface Configuration Specification

### Subject Type `flowInterfaceConfiguration`

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Flow Interface Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Configuration	com.mslv.studio.inventory.flow.interface.inventoryConfigRef	NA	Flow Interface Configuration Specification, Flow Interface Specification	NA	relationship
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), IP Address Resource Extension (ipresource), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Diagram Specification (diagram), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Connectivity Specification (connectivity), Flow Identifier Specification (flowIdentifier), Party Specification (party)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Flow Interface Specification

**Subject Type flowInterface**

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Flow Interface Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Fulfillment Pattern

### Subject Type procPtrnType

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Fulfillment Pattern entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Functional Area	oracle.communications.sce.common.entity.entities.solution.pattern.processingpatternclassification.FunctionalAreaRef	Processing Pattern Classification	Functional Area (funcArea)	NA	relationship



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Fulfillment Function	oracle.communications.sce.common.entity.entities.solution.pattern.processingpatternclassification.FulfillmentFunctionRef	Processing Pattern Classification	Fulfillment Function (fulfillmentFunction)	NA	relationship
Provider Function	oracle.communications.sce.common.entity.entities.solution.pattern.processingpatternclassification.providerFunctionRef	Processing Pattern Classification	Provider Function (provFunc)	NA	relationship

## Functional Area

### Subject Type funcArea

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Functional Area entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Provider Functions	oracle.communications.sce.common.entity.entities.functionalarea.functionalareaproviderfunctions.provFuncRef	Provider Functions	Provider Function (provFunc)	NA	relationship

## Import Action

### Subject Type importaction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Import Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.action.realizationRef	NA	Action (cmnAction)	NA	relationship

# Integrity Project

## Subject Type integritycartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Integrity Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

# Inventory Group Specification

## Subject Type igrp

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Inventory Group Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Inventory Project

### Subject Type inventoryCartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Inventory Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

# Involvement Specification

## Subject Type invol

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Involvement Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

# IP Address Resource Extension

## Subject Type ipresource

This table contains the information required for the subject and participant of actions you can define in a design pattern for the IP Address Resource Extension entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	Interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	Interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		

## Location

### Subject Type cmnLocation

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Location entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Subject Data Elements Information Update Helper for UIM Services	com.mslv.studio.inventory.service.subjectDetailsRefHelper	NA	Service Specification (service)	NA	interface
Subject Components and Properties Update Helper	com.mslv.studio.inventory.service.subjectRelationsRefHelper	NA	Service Specification (service)	NA	relationship
Extends	oracle.communications.sce.common.entity.entities.location.extends	NA	Location (cmnLocation)	NA	extension
Fulfillment Pattern	oracle.communications.sce.common.entity.entities.location.locationtoprocessingpatternref.patternRef	NA	Fulfillment Pattern (procPtrnType)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.location.locationtootherref.relationshipTypeRef	LocationToOtherRef(oracle.communications.sce.common.entity.entities.location.locationtootherref)	Relationship Type (relType)	NA	relationship
Data Key Path	oracle.communications.studio.osm.transformation.entities.data.datakey.mappingrule.multiinstance.keypath	Data Key	Location (cmnLocation), Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	Data Element	relationship
Target	oracle.communications.sce.common.entity.entities.location.locationtootherref.entityRef	LocationToOtherRef(oracle.communications.sce.common.entity.entities.location.locationtootherref)	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship

## Logical Device Account Configuration Specification

### Subject Type IdaConfiguration



This table contains the information required for the subject and participant of actions you can define in a design pattern for the Logical Device Account Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Party Specification (party)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.logical.device.account.inventoryConfigRef	NA	Logical Device Account Configuration Specification (ldaConfiguration) Logical Device Account Specification (deviceAccount)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Logical Device Account Specification

### Subject Type deviceAccount

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Logical Device Account Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Specification Options	specRef	Data Element	Place Specification, Equipment Specification, Channelized Facility Extension, IP Address Resource Extension, Media Stream Specification, Physical Port Specification, Telephone Number Specification, Business Interaction Specification, Logical Device Account Specification, Custom Network Address Specification, Logical Device Specification, Custom Object Specification, Service Specification, Inventory Group Specification, Flow Interface Specification, Device Interface Specification, Network Specification, Physical Device Specification, Physical Connector Specification, Pipe Specification, Connectivity Specification, Flow Identifier Specification, Party Specification	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

# Logical Device Configuration Specification

## Subject Type logicalDeviceConfiguration

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Logical Device Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	Action Type	NA
Configuration	com.mslv.studio.inventory.logical.device.inventoryConfigRef	NA	Logical Device Configuration Specification (logicalDeviceConfiguration) Logical Device Specification (device)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), IP Address Resource Extension (ipresource), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Diagram Specification (diagram), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Connectivity Specification (connectivity), Flow Identifier Specification (flowIdentifier), Party Specification (party)	NA	relationship

# Logical Device Specification

## Subject Type device

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Logical Device Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.logical.device.inventoryConfigRef	NA	Logical Device Configuration Specification (logicalDeviceConfiguration) Logical Device Specification (device)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Manual Task

### Subject Type manualTask

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Manual Task entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Order	com.mslv.studio.provisioning.task.manual.orderType	NA	Order (order)	NA	relationship

## Mapping Rule

### Subject Type mappingRule

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Mapping Rule entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Action Code Filter	oracle.communications.studio.osm.transformation.entities.mappingrule.namedrelationship.mappingrule.namedrelationship.actioncode	NamedRelationship(oracle.communications.studio.osm.transformation.entities.mappingrule.namedrelationship)	Action Code (actionType)	NA	relationship
Current Action Code	oracle.communications.studio.osm.transformation.entities.mappingrule.actionmap.mappingrule.namedrelationship.actioncode.map.current	Action Map	Action Code (actionType)	NA	relationship
Domain	oracle.communications.studio.osm.transformation.entities.mappingrule.mappingrule.domain	NA	Domain (cmnDomain)	NA	relationship
External Fulfillment State	oracle.communications.studio.osm.transformation.entities.mappingrule.fulfillmentstatefilter.mappingrule.namedrelationship.statefileter.state	Fulfillment State Filter	oracle.communications.sce.osm.orchestration.entities.orderComponentSpec	External Fulfillment State (oracle.communications.sce.osm.orchestration.orderComponentSpec.fulfillmentState)	relationship



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Input Action Code	oracle.communications.studio.osm.transformation.entities.mappingrule.actionmap.mappingrule.namedrelationship.actioncode.map.input	Action Map	Action Code (actionType)	NA	relationship
Input Order Item	oracle.communications.studio.osm.transformation.entities.mappingrule.mappingrule.orderitem.input	NA	Order Item Specification (orderItemSpec)	NA	relationship
Order Component	oracle.communications.studio.osm.transformation.entities.mappingrule.fulfillmentstatefilter.mappingrule.namedrelationship.statefilter.component	Fulfillment State Filter	oracle.communications.scenario.osm.orchestration.entities.orderComponentSpec	NA	relationship
Output Action Code	oracle.communications.studio.osm.transformation.entities.mappingrule.actionmap.mappingrule.namedrelationship.actioncode.map.output	Action Map	Action Code (actionType)	NA	relationship
Output Order Item	oracle.communications.studio.osm.transformation.entities.mappingrule.mappingrule.orderitem.output	NA	Order Item Specification (orderItemSpec)	NA	relationship
Provider Function	oracle.communications.studio.osm.transformation.entities.mappingrule.mappingrule.provider.function	NA	Provider Function (provFunc)	NA	relationship
Source Property Key	oracle.communications.studio.osm.transformation.entities.mappingrule.multiinstance.mappingrule.multiinstance.sourceproperty	Multiple Instance	Action (cmnAction) Customer Facing Service (custSvc) Order Item Specification (orderItemSpec) Product (cmnProduct) Resource Facing Service (rsrcSvc)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Source	oracle.communications.studio.osm.transformation.entities.mappingrule.mappingruleitemsource.mappingruleitem.source	Mapping Rule Item Source	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship
Target	oracle.communications.studio.osm.transformation.entities.mappingrule.mappingruleitemtarget.mappingruleitem.target	Mapping Rule Item Target	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship

## Media Stream Specification

### Subject Type `mediaStream`

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Media Stream Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrcv) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrcv)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Model Project

### Subject Type ddCartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Model Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

## Network Configuration Specification

### Subject Type networkConfiguration

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Network Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Configuration	com.mslv.studio.inventory.diagram.inventoryConfigRef	NA	Network Specification (network), Network Configuration Specification (networkConfiguration)	NA	relationship
Configuration	com.mslv.studio.inventory.network.inventoryConfigRef	NA	Network Configuration Specification (networkConfiguration) Network Specification (network)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), IP Address Resource Extension (ipresource), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Diagram Specification (diagram), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Connectivity Specification (connectivity), Flow Identifier Specification (flowIdentifier), Party Specification (party)	NA	relationship

## Network Edge Specification

**Subject Type networkConnection**



This table contains the information required for the subject and participant of actions you can define in a design pattern for the Network Edge Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Network Node Specification

### Subject Type networkNode

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Network Node Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Network Specification

### Subject Type network

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Network Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.diagram.inventoryConfigRef	NA	Network Specification (network), Network Configuration Specification (networkConfiguration)	NA	relationship
Configuration	com.mslv.studio.inventory.network.inventoryConfigRef	NA	Network Configuration Specification (networkConfiguration) Network Specification (network)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## OCIM Model Project

### Subject Type pomsCartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the OCIM Model Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

## Orchestration Fulfillment Pattern

### Subject Type productSpec

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Orchestration Fulfillment Pattern entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.pattern.realizationRef	NA	Fulfillment Pattern (procPtrnType)	NA	relationship
FulfillmentModeOrderComponentSpecs	oracle.communications.sce.osm.orchestration.productSpec.orchPlanComponent	Orchestration Plan Element	Order Component Specification (orderComponentSpec)	NA	relationship

## Order

### Subject Type order

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Order entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.functional.area.relalizationRef	NA	Functional Area (funcArea)	NA	relationship

## Order and Service Management Composite Cartridge

### Subject Type osmCompositeCartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Order and Service Management Composite Cartridge entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

## Order and Service Management Project

### Subject Type osmCartridge

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Order and Service Management Project entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Add Tag to Project	oracle.communications.studio.model.project.tag.helper	NA	Tag (userDefinedTag)	NA	interface
Dependency	unknown	NA	Activation Project (activationCartridge) Activation SRT Project (SRTC cartridge) Integrity Project (integritycartridge) Inventory Project (inventoryCartridge) Model Project (ddCartridge) OCIM Model Project (pomsCartridge) Order and Service Management Composite Cartridge (osmCompositeCartridge) Order and Service Management Project (osmCartridge)	NA	relationship

## Order Component Specification

### Subject Type orderComponentSpec

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Order Component Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.fulfillment.function.realizationRef	NA	Fulfillment Function (fulfillmentFunction)	NA	relationship
Provider Function	oracle.communications.sce.osm.orchestration.orderComponentSpec.providerfunction	NA	Provider Function (provFunc)	NA	relationship

## Order Item Parameter Binding

### Subject Type `orderItemParameterBinding`

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Order Item Parameter Binding entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Conceptual Model Entity	oracle.communications.studio.osm.transformation.entities.binding.binding.parameterSpec	NA	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc) Location (cmnLocation)	NA	relationship
Order Item Specification	oracle.communications.studio.osm.transformation.entities.binding.binding.orderitem	NA	Order Item Specification (orderItemSpec)	NA	relationship
PSR n Parameter Binding Handler	oracle.communications.studio.osm.transformation.entities.binding.psrenity.handler	NA	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc) Location (cmnLocation)	NA	relationship

## Order Jeopardy

### Subject Type `orderJeopardy`

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Order Jeopardy entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Roles	oracle.communications.studio.osm.entities.orderjeopardy.detailsroles.oracle.communications.studio.osm.orderjeopardy.role	Order Jeopardy Roles	Roles (rolePermissions)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Rule	oracle.communications.studio.osm.entities.orderjeopardy.details.oracle.communications.studio.osm.orderjeopardy.rule	Details	Order (order)	NA	relationship
Stop Condition	oracle.communications.studio.osm.entities.orderjeopardy.policystopcondition.osm.orderjeopardy.stopcondition.states	Stop Condition	Order State (orderState)	NA	relationship
Custom Automation Plugin	oracle.communications.studio.osm.entities.orderjeopardy.automationdetails.oracle.communications.studio.osm.orderjeopardy.custom.automation	Automation	Custom Automation Plugin (customAutomationPlugin)	NA	relationship
Start Condition	oracle.communications.studio.osm.entities.orderjeopardy.policystartcondition.osm.orderjeopardy.startcondition.states	Start Condition	Order State (orderState)	NA	relationship
Pause Timer and Block Jeopardy Condition	oracle.communications.studio.osm.entities.orderjeopardy.policypauseblockcondition.osm.orderjeopardy.pauseblockcondition.states	Pause Timer and Block Jeopardy Condition	Order State (orderState)	NA	relationship
View	oracle.communications.studio.osm.entities.orderjeopardy.details.oracle.communications.studio.osm.orderjeopardy.view	Details	Manual Task (manualTask) Activation Task (activationTask) Automated Task (automationTask) Composite Cartridge view (compositeCartridgeView)	NA	relationship
Target Order	oracle.communications.studio.osm.entities.orderjeopardy.details.oracle.communications.studio.osm.orderjeopardy.targetorder	Details	Order (order)	NA	relationship

## Party Specification

### Subject Type party

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Party Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Physical Connector Specification

### Subject Type conn

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Physical Connector Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	interface



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Physical Device Specification

### Subject Type physicalDevice

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Physical Device Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Physical Port Specification

### Subject Type port

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Physical Port Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Pipe Configuration Specification

### Subject Type pipeConfiguration

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Pipe Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.pipe.inventoryConfigRef	NA	Pipe Configuration Specification (pipeConfiguration) Pipe Specification (pipe)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), IP Address Resource Extension (ipresource), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Diagram Specification (diagram), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Connectivity Specification (connectivity), Flow Identifier Specification (flowIdentifier), Party Specification (party)	NA	relationship

## Pipe Signal Termination Point Specification

Subject Type signaltp

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Pipe Signal Termination Point Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Pipe Specification

### Subject Type pipe

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Pipe Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.pipe.inventoryConfigRef	NA	Pipe Configuration Specification (pipeConfiguration) Pipe Specification (pipe)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.realizationRef	NA	Resource (cmnResource)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Pipe Termination Point Specification

### Subject Type pipetp

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Pipe Termination Point Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Place Configuration Specification

### Subject Type placeConfiguration

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Place Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.place.inventoryConfigRef	NA	Place Configuration Specification (placeConfiguration) Place Specification (place)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), IP Address Resource Extension (ipresource), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Diagram Specification (diagram), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Connectivity Specification (connectivity), Flow Identifier Specification (flowIdentifier), Party Specification (party)	NA	relationship

## Place Specification

**Subject Type place**



This table contains the information required for the subject and participant of actions you can define in a design pattern for the Place Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Location Specification	oracle.communications.inventory.location.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		
Realization	oracle.communications.sce.common.entity.location.relalizationRef	NA	Location (cmnLocation)	NA	relationship
Realization	oracle.communications.sce.common.entity.location.relalizationRef	NA	Location (cmnLocation)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Process

### Subject Type process

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Process entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Order	orderRef	NA	Order (order)	NA	relationship
Task	taskRef	NA	Activation Task (activationTask) Automated Task (automationTask) Composite Cartridge View (compositeCartridgeView) Manual Task (manualTask) Transformation Task (transformationTask)	NA	relationship

## Product

### Subject Type cmnProduct

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Product entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Subject Data Elements Information Update Helper for UIM Services	com.mslv.studio.inventory.service.subjectDetailsRefHelper	NA	Service Specification (service)	NA	interface
Subject Components and Properties Update Helper	com.mslv.studio.inventory.service.subjectRelationshipsRefHelper	NA	Service Specification (service)	NA	relationship
Customer Facing Service	oracle.communications.sce.common.entity.entities.product.producttoservice.ref.cfsRef	Service Detail	Customer Facing Service (custSrvc)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Data Key Path	oracle.communications.studio.osm.transformation.entities.data.datakey.mappingrule.multiinstance.keypath	Data Key	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrvSrvc) Location (cmnLocation)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship
Extends	oracle.communications.sce.common.entity.entities.product.extends	NA	Product (cmnProduct)	NA	extension
Fulfillment Pattern	oracle.communications.sce.common.entity.entities.product.producttoprocessingpatternref.patternRef	Product Fulfillment Pattern	Fulfillment Pattern (procPtrnType)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.product.producttoresourcesourceref.relationshipTypeRef	Resource Detail	Relationship Type (relType)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.product.producttoservicesref.relationshipTypeRef	Service Detail	Relationship Type (relType)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.product.producttoanalyref.relationshipTypeRef	Product Service	Relationship Type (relType)	NA	relationship
Resource	oracle.communications.sce.common.entity.entities.product.producttoresourcesourceref.resourceRef	Resource Detail	Resource (cmnResource)	NA	relationship
Target	oracle.communications.sce.common.entity.entities.product.producttoanalyref.entityRef	Product Service	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrvSrvc)	NA	relationship

# Product Specification

## Subject Type product

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Product Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Ruleset, Ruleset Extension Point	NA	relationship

# Provider Function

## Subject Type provFunc

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Provider Function entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Action Type	oracle.communications.sce.common.entity.entities.provider.function.mappingsource.ActionTypeRef	MappingSource(oracle.communications.sce.common.entity.entities.provider.function.mappingsource)	Functional Area (funcArea)	NA	relationship
Action Type	oracle.communications.sce.common.entity.entities.provider.function.mappingtarget.actionTypeRef	MappingTarget(oracle.communications.sce.common.entity.entities.provider.function.mappingtarget)	Functional Area (funcArea)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Default Relationship	oracle.communications.sce.common.entity.entities.provider.function.relationshiptypes.defaultRelationshipTypeRef	Relationship Types	Relationship Type (relType)	NA	relationship
Relationship Types	oracle.communications.sce.common.entity.entities.provider.function.relationshiptypes.relationshipTypeRef	Relationship Types	Relationship Type (relType)	NA	relationship

## Relationship Type

### Subject Type relType

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Relationship Type entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Current Target Action Code	oracle.communications.sce.common.entity.entities.provider.relationship.actiontypemapping.currentTargetTypeRef	Action Type Map	Action Code (actionType)	NA	relationship
New Target Action Code	oracle.communications.sce.common.entity.entities.provider.relationship.actiontypemapping.newTargetTypeRef	Action Type Map	Action Code (actionType)	NA	relationship
Source Action Code	oracle.communications.sce.common.entity.entities.provider.relationship.actiontypemapping.sourceTypeRef	Action Type Map	Action Code (actionType)	NA	relationship

## Resource

### Subject Type cmnResource

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Resource entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Subject Data Elements Information Update Helper for UIM Services	com.mslv.studio.inventory.service.subjectDetailsRefHelper	NA	Service Specification (service)	NA	interface
Subject Components and Properties Update Helper	com.mslv.studio.inventory.service.subjectRelationsRefHelper	NA	Service Specification (service)	NA	relationship
Data Key Path	oracle.communications.studio.osm.transformation.entities.data.datakey.mappingrule.multiinstance.keypath	Data Key	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc) Location (cmnLocation)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship
Extends	oracle.communications.sce.common.entity.entities.resource.extends	NA	Resource (cmnResource)	NA	extension
Fulfillment Pattern	oracle.communications.sce.common.entity.entities.resource.resourcetoprocessingpatternref.patternRef	Resource Fulfillment Pattern	Fulfillment Pattern (procPtrnType)	NA	relationship
Options	oracle.communications.sce.common.entity.entities.resource.resourcetoresourcerefer.resourceref	ResourceToResourceRef(oracle.communications.sce.common.entity.entities.resource.resourcetoresourcerefer)	Resource (cmnResource)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.resource.resourcetorefer.relationshipTypeRef	Relationship Detail	Relationship Type (relType)	NA	relationship



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Relationship Type	oracle.communications.sce.common.entity.entities.resource.resourcetoresourceref.relationshipTypeRef	ResourceToResourceRef(oracle.communications.sce.common.entity.entities.resource.resourcetoresourceref)	Relationship Type (relType)	NA	relationship
Target	oracle.communications.sce.common.entity.entities.resource.resourcetoresourceref.entityRef	Relationship Detail	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship

## Resource Facing Service

### Subject Type rsrcSrvc

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Resource Facing Service entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Subject Data Elements Information Update Helper for UIM Services	com.mslv.studio.inventory.service.subjectDetailsRefHelper	NA	Service Specification (service)	NA	interface
Subject Components and Properties Update Helper	com.mslv.studio.inventory.service.subjectRelationsRefHelper	NA	Service Specification (service)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Data Key Path	oracle.communications.studio.osm.transformation.entities.data.datakey.mappingrule.multiinstance.keypath	Data Key	Action (cmnAction) Customer Facing Service (custSrvc) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc) Location (cmnLocation)	Design Studio Platform Data Element (oracle.communications.studio.model.data.StudioModelDataElement)	relationship
Extends	oracle.communications.sce.common.entity.entities.service.resource.extends	NA	Resource Facing Service (rsrcSrvc)	NA	extension
Fulfillment Pattern	oracle.communications.sce.common.entity.entities.service.resource.rfstprocessingpatternref.patternRef	Resource Facing Service Fulfillment Pattern	Fulfillment Pattern (procPtrnType)	NA	relationship
Options	oracle.communications.sce.common.entity.entities.service.resource.rfstocomponentref.componentRef	RFSToComponentRef(oracle.communications.sce.common.entity.entities.service.resource.rfstocomponentref)	Location (cmnLocation) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
RFS interface Helper	oracle.communications.sce.common.entity.rfs.interface.helper	NA	Customer Facing Service (custSrvc)	NA	interface
Relationship Type	oracle.communications.sce.common.entity.entities.service.resource.resourcefacingservicetoanyref.relationshipTypeRef	ResourceFacingServiceToAnyRef(oracle.communications.sce.common.entity.entities.service.resource.resourcefacingservicetoanyref)	Relationship Type (relType)	NA	relationship
Relationship Type	oracle.communications.sce.common.entity.entities.service.resource.rfstocomponentref.relationshipTypeRef	RFSToComponentRef(oracle.communications.sce.common.entity.entities.service.resource.rfstocomponentref)	Relationship Type (relType)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Target	oracle.communications.sce.common.entity.entities.service.resource.resourcefacingservicetoanyref.entityRef	ResourceFacingServiceToAnyRef(oracle.communications.sce.common.entity.entities.service.resource.resourcefacingservicetoanyref)	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship

## Role Specification

### Subject Type role

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Role Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Ruleset

### Subject Type ruleset

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Ruleset entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Realization	oracle.communications.sce.common.entity.action.relalizationRef	NA	Action (cmnAction)	NA	relationship

## Service Action

### Subject Type serviceAction

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Service Action entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
AtomicAction	serviceMap	NA	Atomic Action (atomicAction)	NA	relationship
Realization	oracle.communications.sce.common.entity.action.relalizationRef	NA	Action (cmnAction)	NA	relationship

## Service Configuration Specification

### Subject Type configuration

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Service Configuration Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Configuration	com.mslv.studio.inventory.service.inventoryConfigRef	NA	Service Configuration Specification (configuration) Service Specification (service)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Configuration	oracle.communications.common.configuration	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration.extended	oracle.communications.common.configuration.extended	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	relationship
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Specification Options	specRef	Data Element	Place Specification (place), Equipment Specification (equipment), Channelized Facility Extension (tdmfacility), IP Address Resource Extension (ipresource), Media Stream Specification (mediaStream), Physical Port Specification (port), Telephone Number Specification (tn), Business Interaction Specification (bi), Logical Device Account Specification (deviceAccount), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Service Specification (service), Inventory Group Specification (igrp), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Diagram Specification (diagram), Physical Device Specification (physicalDevice), Physical Connector Specification (conn), Pipe Specification (pipe), Connectivity Specification (connectivity), Flow Identifier Specification (flowIdentifier), Party Specification (party)	NA	relationship

## Service Specification

**Subject Type service**

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Service Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Config Enabled Specification	oracle.communications.common.configuration.enabled	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Configuration	com.mslv.studio.inventory.service.inventoryConfigRef	NA	Service Configuration Specification (configuration) Service Specification (service)	NA	relationship
Realization	oracle.communications.sce.common.entity.service.realizationRef	NA	Customer Facing Service (custSrvc) Resource Facing Service (rsrcSrvc)	NA	relationship
Realization	oracle.communications.sce.common.entity.service.realizationRef	NA	Customer Facing Service (custSrvc) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Synchronization Record

### Subject Type SyncRecord

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Synchronization Record entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Synchronization Subject	oracle.communications.sce.pattern.entities.synchronization.recordheader.ref	Record Header	NA		relationship
Value	oracle.communications.sce.pattern.entities.synchronization.elementtokenvalue.elementTokenRef	ElementTokenValue(oracle.communications.sce.pattern.entities.synchronization.elementtokenvalue)	NA		relationship
Value	oracle.communications.sce.pattern.entities.synchronization.entitytokenvalue.entityTokenRef	EntityTokenValue(oracle.communications.sce.pattern.entities.synchronization.entitytokenvalue)	NA		relationship

## Telephone Number Specification

### Subject Type tn

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Telephone Number Specification entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Inventory Localization Info Update Helper	oracle.communications.common.inventory.localization	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	relationship
Realization	oracle.communications.sce.common.entity.resource.relalizationRef	NA	Resource (cmnResource)	NA	interface



Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Related Spec	Related Specification To Entity XYZ	NA	Place Configuration Specification (placeConfiguration), Equipment Specification (equipment), Pipe Configuration Specification (pipeConfiguration), IP Address Resource Extension (ipresource), Logical Device Account Specification (deviceAccount), Business Interaction Specification (bi), Custom Network Address Specification (custna), Logical Device Specification (device), Custom Object Specification (custobj), Equipment Holder Specification (equipmentHolder), Diagram Specification (diagram), Pipe Specification (pipe), Connectivity Specification (connectivity), Pipe Termination Point Specification (pipetp), Involvement Specification (invol), Logical Device Configuration Specification (logicalDeviceConfiguration), Place Specification (place), Media Stream Specification (mediaStream), Network Node Specification (networkNode), Physical Port Specification (port), Telephone Number Specification (tn), Service Specification (service), Inventory Group Specification (igrp), Network Configuration Specification (networkConfiguration),	NA	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
			Product Specification (product), Network Edge Specification (networkConnection), Flow Interface Specification (flowInterface), Device Interface Specification (deviceInterface), Network Specification (network), Physical Device Specification (physicalDevice), Logical Device Account Configuration Specification (ldaConfiguration), Flow Interface Configuration Specification (flowInterfaceConfiguration), Role Specification (role), Physical Connector Specification (conn), Party Specification (party), Flow Identifier Specification (flowIdentifier), Service Configuration Specification (configuration), Pipe Signal Termination Point Specification (signaltp)		
Resource Specification	oracle.communications.inventory.resource.helper	NA	Customer Facing Service (custSrvc) Location (cmnLocation) Product (cmnProduct) Resource (cmnResource) Resource Facing Service (rsrcSrvc)	NA	interface
Rules	com.mslv.studio.inventory.specification.REL_RULE_TRIGGER	NA	Rule Set Extension point (rst)	NA	relationship

## Transformation Manager

### Subject Type transformationManager

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Transformation Manager entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Domain	oracle.communications.studio.osm.transformation.entities.transformationmanager.domainbinding.transformationmanager.domain	DomainBinding(oracle.communications.studio.osm.transformation.entities.transformationmanager.domainbinding)	Domain (cmnDomain)	NA	relationship
Provider Function	oracle.communications.studio.osm.transformation.entities.transformationmanager.transformationmanager.providerfunction	NA	Provider Function (provFunc)	NA	relationship
Transformation Sequence	oracle.communications.studio.osm.transformation.entities.transformationmanager.domainbinding.transformationmanager.sequence	DomainBinding(oracle.communications.studio.osm.transformation.entities.transformationmanager.domainbinding)	Transformation Sequence (transformationSequence)	NA	relationship

## Transformation Sequence

### Subject Type transformationSequence

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Transformation Sequence entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Hierarchy	oracle.communications.studio.osm.transformation.entities.sequence.relatedorderitemselector.orderitemparam.related.hierarchy	Related Order Item Selector	Order Item Specification (orderItemSpec)	Order Item Hierarchy Element (oracle.communications.studio.osm.transformation.orderItemSpec.hierarchy)	relationship

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Input Order Item	oracle.communications.studio.osm.transformation.entities.sequence.sequence.inputorderitem	NA	Order Item Specification (orderItemSpec)	NA	relationship
Output Order Item	oracle.communications.studio.osm.transformation.entities.sequence.sequence.outputorderitem	NA	Order Item Specification (orderItemSpec)	NA	relationship
Property	oracle.communications.studio.osm.transformation.entities.sequence.orderitemcontext.orderitemparam.context.property	Order Item Context	Order Item Specification (orderItemSpec)	Order Item Property Element (oracle.communications.studio.osm.transformation.orderItemSpec.property)	relationship
Relationship	oracle.communications.studio.osm.transformation.entities.sequence.relationshipselection.sequence.stage.relationshiptype	Relationship Selection	Relationship Type (relType)	NA	relationship
Source Stage	oracle.communications.studio.osm.transformation.entities.sequence.transformationtransition.sequence.transition.source	Transformation Transition	Transformation Sequence (transformationSequence)	NA	relationship
Target Stage	oracle.communications.studio.osm.transformation.entities.sequence.transformationtransition.sequence.transition.target	Transformation Transition	Transformation Sequence (transformationSequence)	NA	relationship

## Transformation Task

### Subject Type transformationTask

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Transformation Task entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Order	com.mslv.studio.provisioning.task.manual.orderType	NA	Order (order)	NA	relationship

## Transformed Order Item Fulfillment State Composition Rule Set

### Subject Type transformedCompositionRuleSet

This table contains the information required for the subject and participant of actions you can define in a design pattern for the Transformed Order Item Fulfillment State Composition Rule Set entity.

Relationship Name	Action Key	Subject Element Name (Type)	Participant Entity (Type)	Participant Element Name (Type)	Action Type
Conceptual Model Entity	oracle.communications.sce.osm.orchestration.composition.ruleSet.transformedOrderItem.rule.psr	NA	Relationship Type (relType)	NA	relationship
Order Component	oracle.communications.sce.osm.orchestration.composition.condition.transformedOrderItem.component	Transformed Order Item Fulfillment State Composition Condition	Order Component Specification (orderComponentSpec)	NA	relationship
Order Item	oracle.communications.sce.osm.orchestration.composition.condition.transformedOrderItem.orderItem	Transformed Order Item Fulfillment State Composition Condition	Order Item Specification (orderItemSpec)	NA	relationship
Relationship	oracle.communications.sce.osm.orchestration.composition.condition.transformedOrderItem.relationship	Transformed Order Item Fulfillment State Composition Condition	Relationship Type (relType)	NA	relationship

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