XDE Domain

Introduction

The XDE domain lets you incorporate objects from Rational XDE models in your reporting.

Among the objects that you can extract are packages, classes, uses cases, and diagrams.

AbstractCollaboration
XDE Domain

An abstract common parent class for Collaboration and CollaborationInstance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>AbstractCollaboration

SubClasses of AbstractCollaboration
Collaboration
CollaborationInstance

Properties Specific to AbstractCollaboration

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to AbstractCollaboration
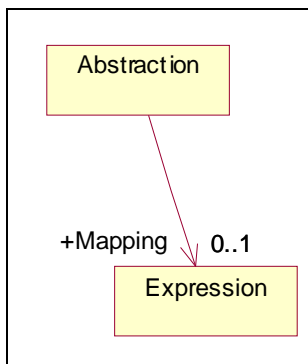This class has no relationships.

Abstraction
XDE Domain

Implies a semantic mapping between elements that represent the same concept.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>DirectedRelationship>
ConsumerSupplierRelationship>Dependency>Abstraction

SubClasses of Abstraction
    This class has no subclasses.

Properties Specific to Abstraction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Abstraction

Name	Kind	Class
Mapping	0..1	Expression

Access
XDE Domain

Access is a dependency between two namespaces, denoting that the public contents of the target namespace are accessible to the namespace of the source Package.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>DirectedRelationship>
ConsumerSupplierRelationship>Dependency>Permission>Access

SubClasses of Access
   This class has no subclasses.

Properties Specific to Access

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Access
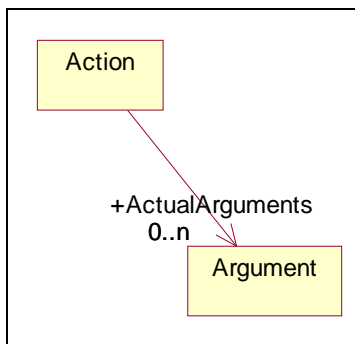   This class has no relationships.

Action
XDE Domain

Action is an abstract interface for manipulating various types of UML actions. Actions result from a state or activity change.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action

SubClasses of Action
ActionSequence
AssignmentAction
CallAction
CreateAction
DestroyAction
ForkAction
JoinAction
ReplyAction
ReturnAction
SendAction
TerminateAction
UninterpretedAction

Properties Specific to Action

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	
ScriptString	
StereotypeName	ExtensibleElement

Properties	Inherited From
Target	
TypeName	Element

Relationships Specific to Action

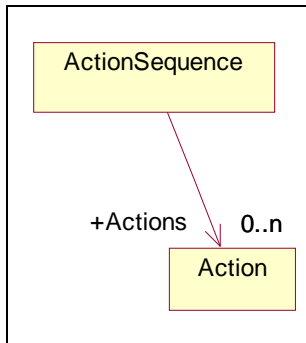| Name	Kind	Class
ActualArguments	0..n	Argument

ActionSequence
XDE Domain

An ordered set of actions to be executed one after another.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action>ActionSequence

SubClasses of ActionSequence
This class has no subclasses.

Properties Specific to ActionSequence

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to ActionSequence

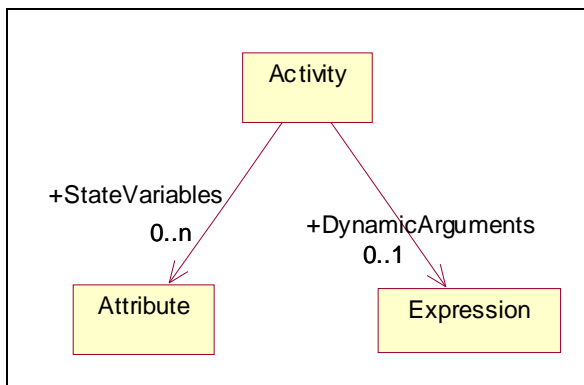| Name	Kind	Class
Actions	0..n	Action

Activity
XDE Domain

A unit of work a role may be asked to perform.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>State>
CompositeState>Activity

SubClasses of Activity
   This class has no subclasses.

Properties Specific to Activity

Properties	Inherited From
Description	NamedModelElement
DynamicMultiplicity	
FullyQualifiedName	NamedModelElement
GUID	Element
IsConcurrent	CompositeState
IsDynamic	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Activity

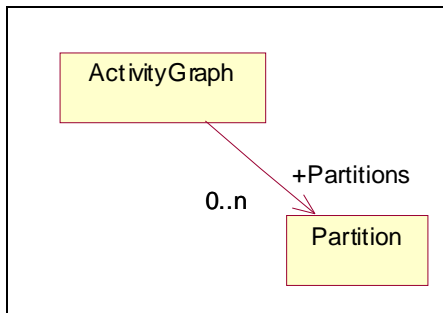| Name	Kind	Class
DynamicArguments	0..1	Expression
StateVariables	0..n	Attribute

ActivityGraph
XDE Domain

A special case of a StateMachine that is used to model processes involving one or more classifiers.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>StateMachine>ActivityGraph

SubClasses of ActivityGraph
This class has no subclasses.

Properties Specific to ActivityGraph

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ActivityGraph

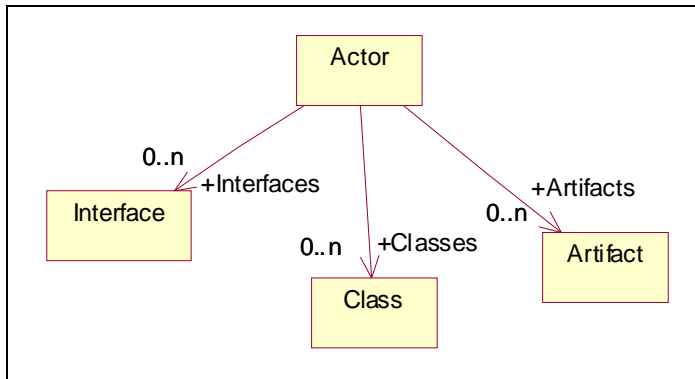| Name	Kind	Class
Partitions	0..n	Partition

Actor
XDE Domain

Actors define a coherent set of roles that users of an entity can play when interacting with the entity. An actor may be considered to play a separate role with regard to each UseCase with which it communicates.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Classifier>Actor

SubClasses of Actor
    This class has no subclasses.

Properties Specific to Actor

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Actor

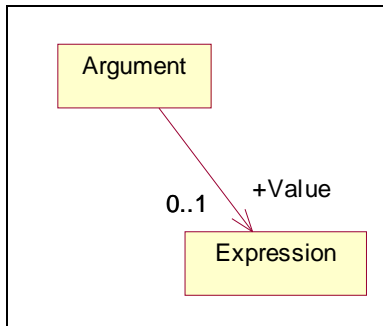| Name	Kind	Class
Artifacts	0..n	Artifact
Classes	0..n	Class
Interfaces	0..n	Interface

Argument
XDE Domain

A data element or value included as a parameter in an Action.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Argument

SubClasses of Argument
>   This class has no subclasses.

Properties Specific to Argument

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Argument

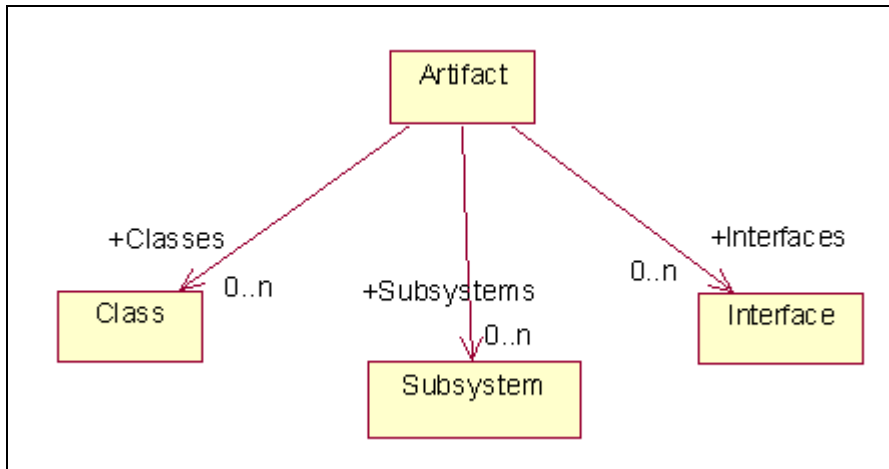| Name	Kind	Class
Value	0..1	Expression

Artifact
XDE Domain

Implements a component or is a physical entity realized from a classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Classifier>Artifact

SubClasses of Artifact
   This class has no subclasses.

Properties Specific to Artifact

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Artifact

Name	Kind	Class
Classes	0..n	Class
Interfaces	0..n	Interface
Subsystems	0..n	Subsystem

AssignmentAction
XDE Domain

An action that assigns an instance to an attribute link or a link.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action>AssignmentAction

SubClasses of AssignmentAction
This class has no subclasses.

Properties Specific to AssignmentAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to AssignmentAction
This class has no relationships.
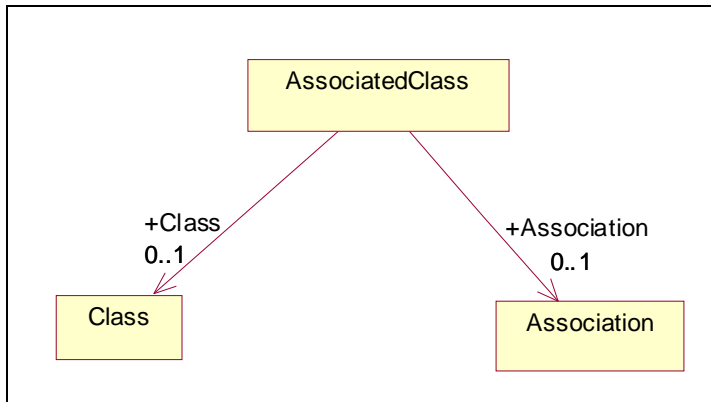
AssociatedClass
XDE Domain

A model element that has both association and class properties.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>AssociatedClass

SubClasses of AssociatedClass
    This class has no subclasses.

Properties Specific to AssociatedClass

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to AssociatedClass

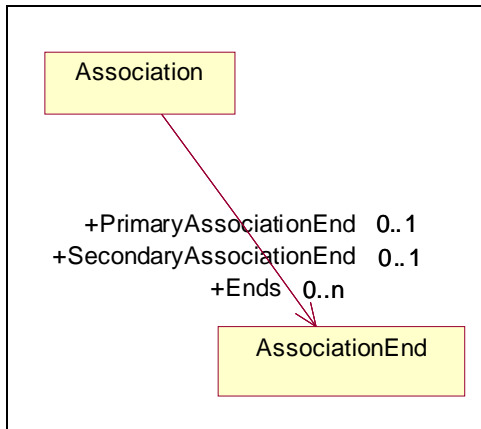| Name	Kind	Class
Association	0..1	Association
Class	0..1	Class

Association
XDE Domain

Associations define semantic relationships between Classifiers. Associations own AssociationEnds that specify a relationship between a supplier Classifier and a consumer Classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>Association

SubClasses of Association
> This class has no subclasses.

Properties Specific to Association

Properties	Inherited From
Description	NamedModelElement
End1Aggregation	
End1Changeability	
End1InitialValueExpression	
End1IsNavigable	
End1Multiplicity	
End1Name	
End1OwnerScope	
End1Stereotype	
End1SupplierName	
End1TypeExpression	
End1Visibility	
End2Aggregation	
End2Changeability	
End2InitialValueExpression	
End2IsNavigable	
End2Multiplicity	
End2Name	

Properties	Inherited From
End2OwnerScope	
End2Stereotype	
End2SupplierName	
End2TypeExpression	
End2Visibility	
FullyQualifiedName	NamedModelElement
GUID	Element
IsBinary	
IsDerived	
IsDirected	
IsSpecification	NamedModelElement
Kind	
Label	Element
Name	NamedModelElement
NameDirection	
Persistence	
PrimaryEndAggregation	
PrimaryEndChangeability	
PrimaryEndInitialValueExpression	
PrimaryEndIsNavigable	
PrimaryEndMultiplicity	
PrimaryEndName	
PrimaryEndOwnerScope	
PrimaryEndStereotype	
PrimaryEndSupplierName	
PrimaryEndTypeExpression	
PrimaryEndVisibility	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Association

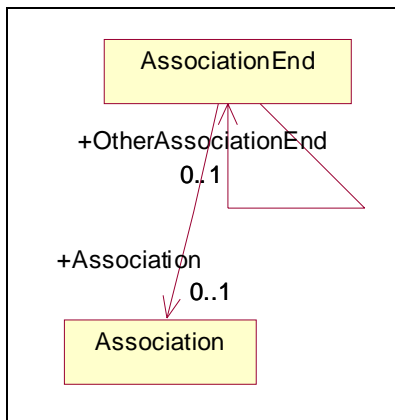| Name	Kind	Class
Ends	0..n	AssociationEnd
PrimaryAssociationEnd	0..1	AssociationEnd
SecondaryAssociationEnd	0..1	AssociationEnd

AssociationEnd
XDE Domain

An AssociationEnd is an endpoint of an Association that connects the Association to a Classifier. AssociationEnds have names and define sets of properties of the connection. AssociationEnd information is shown on both sides of an Association. An AssociationEnd can have an AssociationEndRole.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>ConsumerSupplierRelationship> TypeUsage>StructuralFeature>AssociationEnd

SubClasses of AssociationEnd

This class has no subclasses.

Properties Specific to AssociationEnd

Properties	Inherited From
Aggregation	
CanonicalMultiplicity	StructuralFeature
Changeability	StructuralFeature
DefaultValueExpression	TypeUsage
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsByValueIfComposite	StructuralFeature
IsDerived	StructuralFeature
IsNavigable	StructuralFeature
IsSpecification	NamedModelElement
Label	Element
Multiplicity	StructuralFeature
Name	NamedModelElement
Ordering	StructuralFeature
OwnerScope	StructuralFeature

AssociationEnd, XDE Domain

Properties	Inherited From
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TargetScope	StructuralFeature
TypeExpression	TypeUsage
TypeName	Element
Visibility	StructuralFeature

Relationships Specific to AssociationEnd

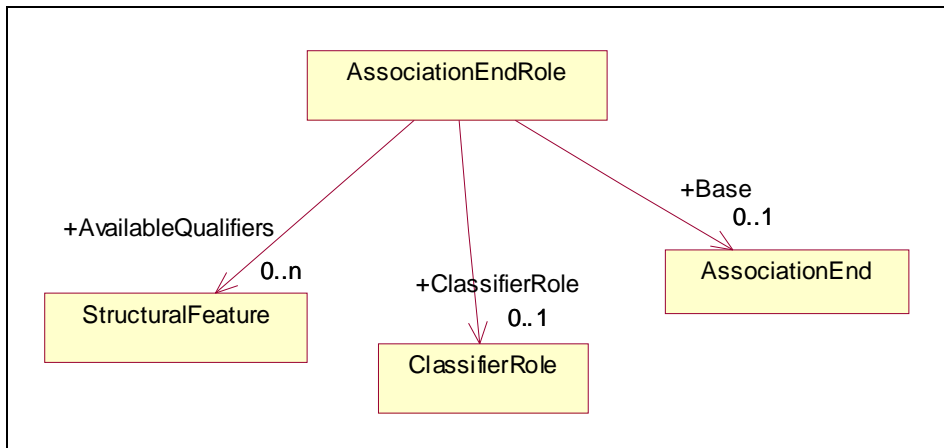| Name	Kind	Class
Association	0..1	Association
OtherAssociationEnd		AssociationEnd

AssociationEndRole
XDE Domain

An AssociationEndRole specifies the role of an AssociationEnd of an association used in a collaboration. It specifies the connection of an AssociationRole to a ClassifierRole.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>AssociationEndRole

SubClasses of AssociationEndRole
   This class has no subclasses.

Properties Specific to AssociationEndRole

Properties	Inherited From
CollaborationMultiplicity	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsNavigable	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to AssociationEndRole

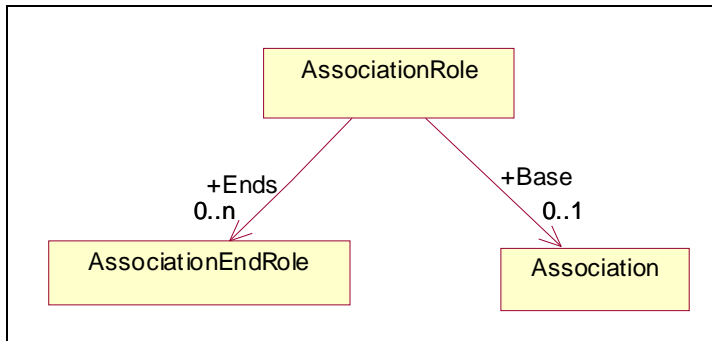| Name	Kind	Class
AvailableQualifiers	0..n	StructuralFeature
Base	0..1	AssociationEnd
ClassifierRole	0..1	ClassifierRole

AssociationRole
XDE Domain

An AssociationRole is a specific usage of an association needed in a collaboration.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>AssociationRole

SubClasses of AssociationRole
   This class has no subclasses.

Properties Specific to AssociationRole

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Multiplicity	
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to AssociationRole

Name	Kind	Class
Base	0..1	Association
Ends	0..n	AssociationEndRole

Attribute
XDE Domain

A feature within a Classifier that describes a range of values that instances of the Classifier may hold.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
TypeUsage>StructuralFeature>Attribute

SubClasses of Attribute
   This class has no subclasses.

Properties Specific to Attribute

Properties	Inherited From
Aggregation	
CanonicalMultiplicity	StructuralFeature
Changeability	StructuralFeature
DefaultValueExpression	TypeUsage
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsByValueIfComposite	StructuralFeature
IsDerived	StructuralFeature
IsNavigable	StructuralFeature
IsSpecification	NamedModelElement
Label	Element
Multiplicity	StructuralFeature
Name	NamedModelElement
Ordering	StructuralFeature
OwnerScope	StructuralFeature
Persistence	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TargetScope	StructuralFeature
TypeExpression	TypeUsage
TypeName	Element
Visibility	StructuralFeature

Relationships Specific to Attribute
   This class has no relationships.
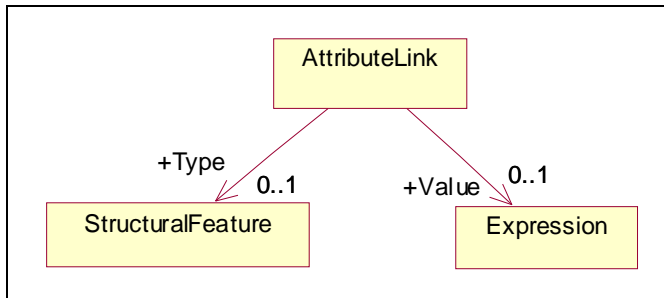
AttributeLink
XDE Domain

A piece of the state of an Instance and holds the value of an Attribute.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Instance>StructuralFeatureLink>AttributeLink

SubClasses of AttributeLink
This class has no subclasses.

Properties Specific to AttributeLink

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to AttributeLink

Name	Kind	Class
Type	0..1	StructuralFeature
Value	0..1	Expression

AxItem
XDE Domain

Represents an ActiveX object inserted into the model.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>AxItem

SubClasses of AxItem
    This class has no subclasses.

Properties Specific to AxItem

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
ProgID	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to AxItem
    This class has no relationships.

AxView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>
PositionalGeneralView>AxView

SubClasses of AxView
    This class has no subclasses.

Properties Specific to AxView

Properties	Inherited From
BottomMargin	ContainerView
ExtentX	PositionalGeneralView
ExtentY	PositionalGeneralView
FactoryHint	View
GUID	Element
HideAllCompartmentItems	PositionalGeneralView
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
PositionX	PositionalGeneralView
PositionY	PositionalGeneralView
RightMargin	ContainerView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element

Relationships Specific to AxView
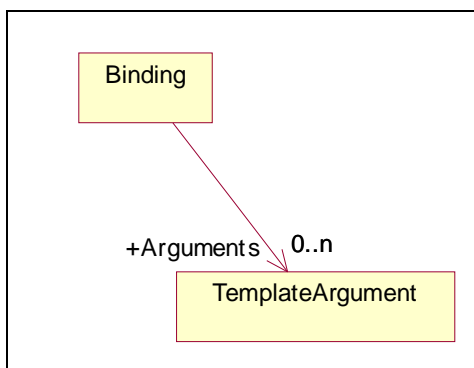   This class has no relationships.

Binding
XDE Domain

The creation of a model element from a template by supplying arguments for the parameters of the template. A dependency where the supplier is the template and the client is the instantiation of the template that performs the substitution of parameters of a template.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Binding

SubClasses of Binding
      This class has no subclasses.

Properties Specific to Binding

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Binding

Name	Kind	Class
Arguments	0..n	TemplateArgument

BooleanValue
XDE Domain

The True or False result of a logical condition that provides the value for an instance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>SimpleValue>BooleanValue

SubClasses of BooleanValue
    This class has no subclasses.

Properties Specific to BooleanValue

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Value	
ValueAsString	SimpleValue

Relationships Specific to BooleanValue
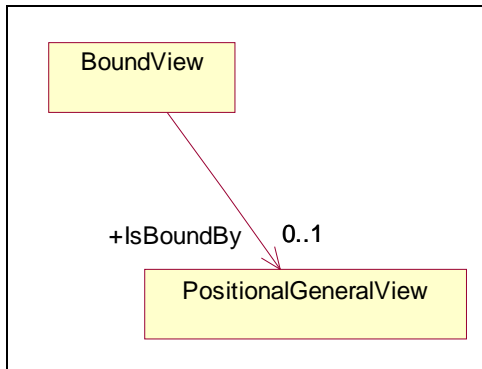   This class has no relationships.

BoundView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>
PositionalGeneralView>BoundView

SubClasses of BoundView
This class has no subclasses.

Properties Specific to BoundView

Properties	Inherited From
BottomMargin	ContainerView
ExtentX	PositionalGeneralView
ExtentY	PositionalGeneralView
FactoryHint	View
FromEdge	
GUID	Element
HideAllCompartmentItems	PositionalGeneralView
IsPercentage	
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
PositionX	PositionalGeneralView
PositionY	PositionalGeneralView
RightMargin	ContainerView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element

Relationships Specific to BoundView

Name	Kind	Class
IsBoundBy	0..1	PositionalGeneralView

Call
XDE Domain

A Usage dependency whose source is an operation
and whose target is an operation. Specifies that the source operation or an operation in the
source class invokes the target operation or an operation in the target class.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Usage>Call

SubClasses of Call
This class has no subclasses.

Properties Specific to Call

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Call
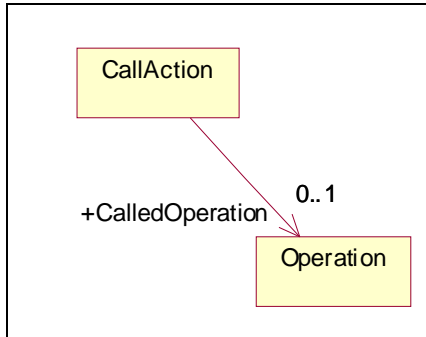This class has no relationships.

CallAction
XDE Domain

A call to an operation on an object. An action state that invokes an operation on a classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action>CallAction

SubClasses of CallAction
    This class has no subclasses.

Properties Specific to CallAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to CallAction

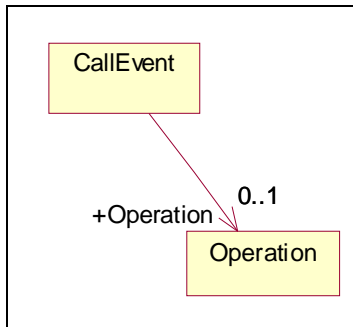| Name	Kind	Class
CalledOperation	0..1	Operation

CallEvent
XDE Domain

Represents the reception of a request to synchronously invoke a specific operation. The expected result is the execution of a sequence of actions which characterize the operation behavior at a particular state.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Event>CallEvent

SubClasses of CallEvent
   This class has no subclasses.

Properties Specific to CallEvent

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to CallEvent

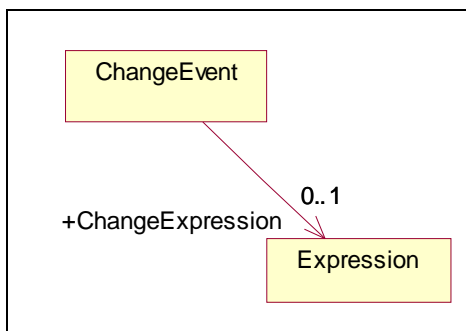| Name	Kind	Class
Operation	0..1	Operation

ChangeEvent
XDE Domain

A change event models an event that occurs when an explicit boolean expression becomes true as a result of a change in value of one or more attributes or associations. A change event is raised implicitly and is not the result of some explicit change event action.

The event that is generated remains until it is consumed even if the boolean expression changes to false after that.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Event>ChangeEvent

SubClasses of ChangeEvent
    This class has no subclasses.

Properties Specific to ChangeEvent

Properties	Inherited From
ChangeString	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ChangeEvent

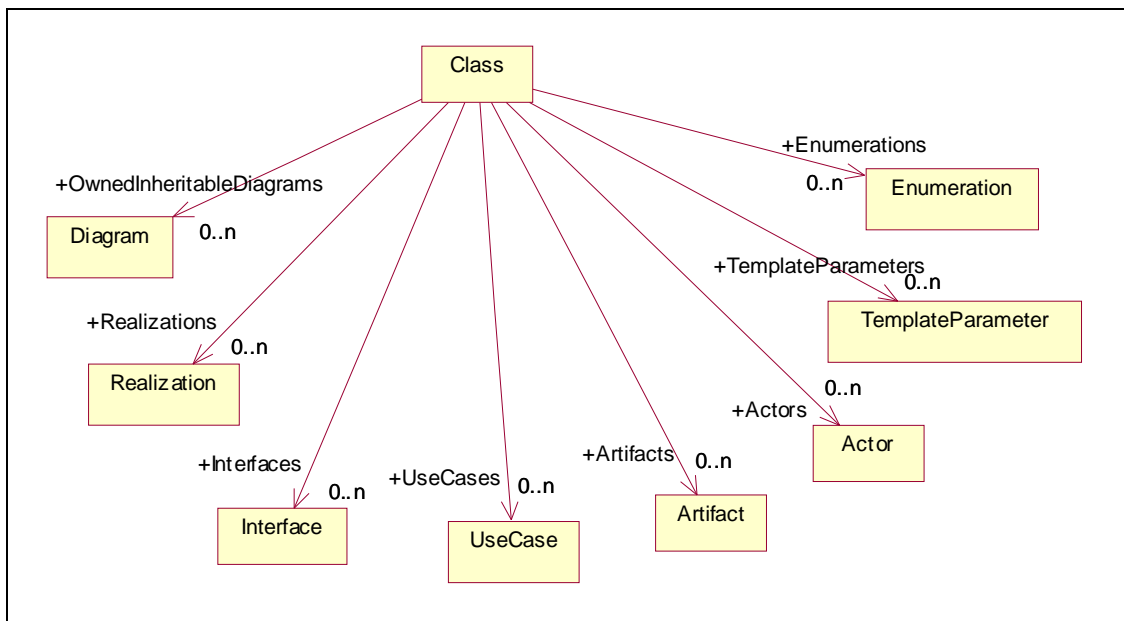| Name	Kind	Class
ChangeExpression	0..1	Expression

Class
XDE Domain

Classes are descriptions of sets of Objects that share the same Attributes, Operations, Methods, Relationships and semantics, and realize the same set of Interfaces.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Classifier>Class

SubClasses of Class
This class has no subclasses.

Properties Specific to Class

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
InheritStateMachines	
IsAbstract	Classifier
IsActive	
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement

Properties	Inherited From
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Class

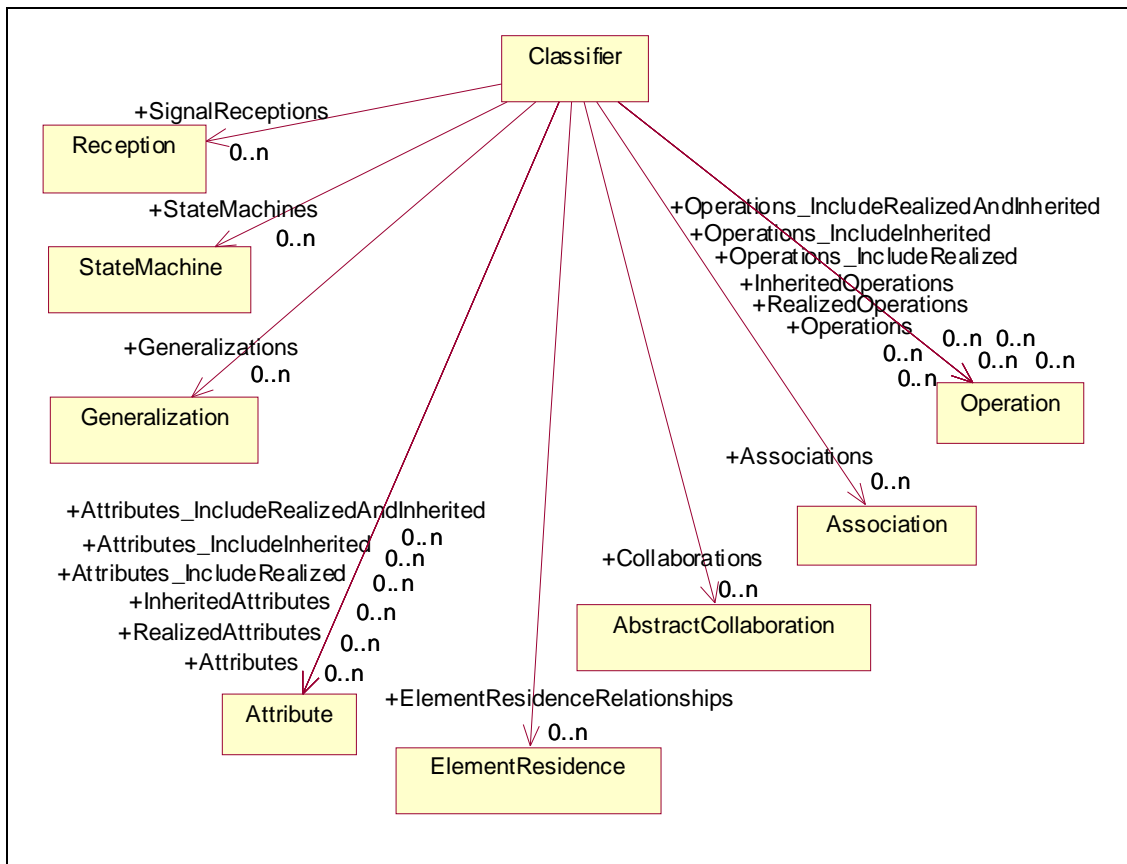| Name	Kind	Class
Actors	0..n	Actor
Artifacts	0..n	Artifact
Enumerations	0..n	Enumeration
Interfaces	0..n	Interface
OwnedInheritableDiagrams	0..n	Diagram
Realizations	0..n	Realization
TemplateParameters	0..n	TemplateParameter
UseCases	0..n	UseCase

Classifier
XDE Domain

Classifier is an abstract type representing behavioral and structural elements, such as Classes, Interfaces, UseCases, Actors, Components. Classifiers may be generalized and may contain nested Classifiers.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Classifier

SubClasses of Classifier
    Actor
    Artifact
    Class
    Component
    DataType
    Interface
    Node
    Signal
    Subsystem
    UseCase

Properties Specific to Classifier

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	
IsLeaf	
IsRoot	
IsSpecification	NamedModelElement
Label	Element
Multiplicity	
Name	NamedModelElement
Persistence	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	

Relationships Specific to Classifier

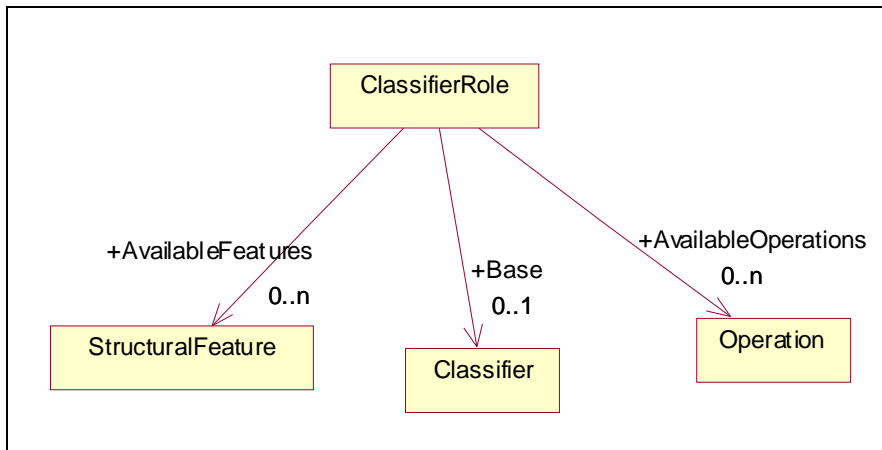| Name	Kind	Class
Associations	0..n	Association
Attributes	0..n	Attribute
Attributes_IncludeInherited	0..n	Attribute
Attributes_IncludeRealized	0..n	Attribute
Attributes_IncludeRealizedAndInherited	0..n	Attribute
Collaborations	0..n	AbstractCollaboration
ElementResidenceRelationships	0..n	ElementResidence
Generalizations	0..n	Generalization
InheritedAttributes	0..n	Attribute
InheritedOperations	0..n	Operation
Operations	0..n	Operation
Operations_IncludeInherited	0..n	Operation
Operations_IncludeRealized	0..n	Operation
Operations_IncludeRealizedAndInherited	0..n	Operation
RealizedAttributes	0..n	Attribute
RealizedOperations	0..n	Operation
SignalReceptions	0..n	Reception
StateMachines	0..n	StateMachine

ClassifierRole
XDE Domain

A ClassifierRole is a specific role played by a participant in a collaboration. It specifies a restricted view of a classifier, defined by what is required in the collaboration.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>ClassifierRole

SubClasses of ClassifierRole
This class has no subclasses.

Properties Specific to ClassifierRole

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Multiplicity	
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ClassifierRole

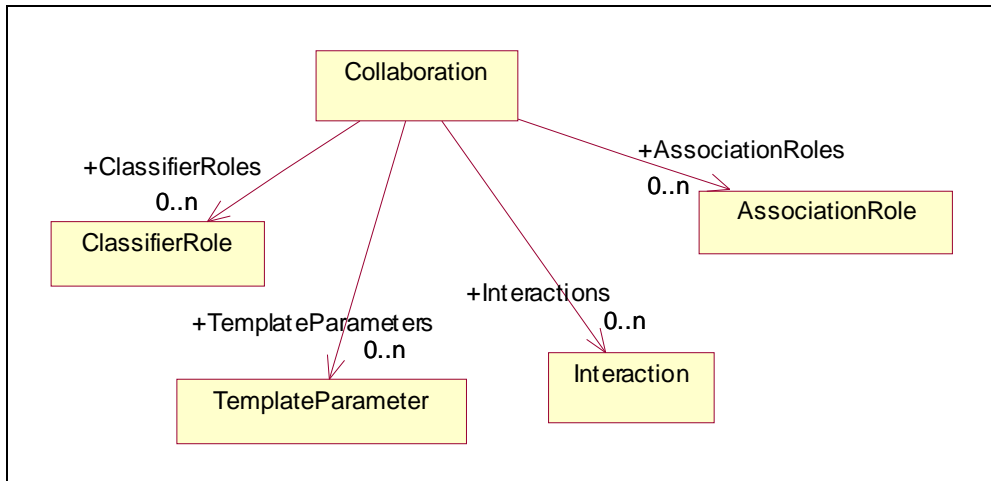| Name	Kind	Class
AvailableFeatures	0..n	StructuralFeature
AvailableOperations	0..n	Operation
Base	0..1	Classifier

Collaboration
XDE Domain

A Collaboration describes how an operation or a classifier is realized by a set of classifiers and associations used in a specific way. The collaboration defines an Interaction.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>AbstractCollaboration>
Collaboration

SubClasses of Collaboration
> This class has no subclasses.

Properties Specific to Collaboration

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Collaboration

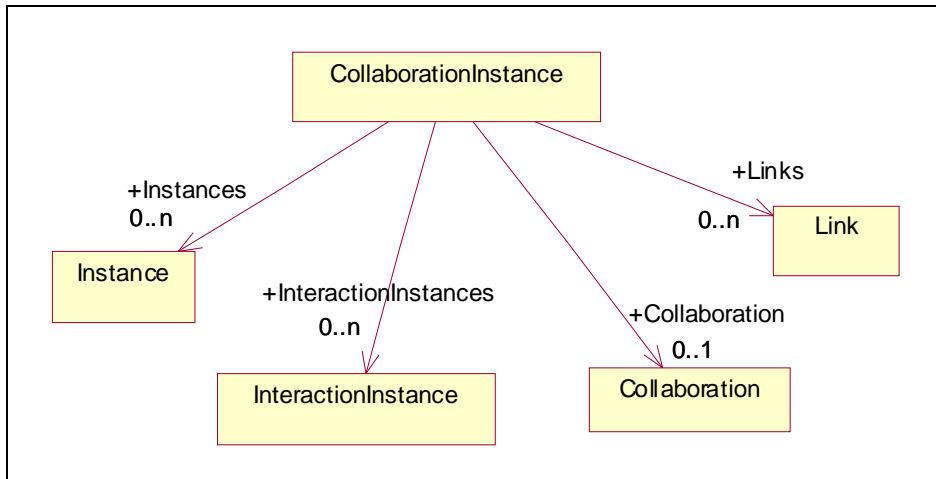| Name	Kind	Class
AssociationRoles	0..n	AssociationRole
ClassifierRoles	0..n	ClassifierRole
Interactions	0..n	Interaction
TemplateParameters	0..n	TemplateParameter

CollaborationInstance
XDE Domain

An instance of a Collaboration. A CollaborationInstance uses instances and links, not the roles of a collaboration.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>AbstractCollaboration>
CollaborationInstance

SubClasses of CollaborationInstance
   This class has no subclasses.

Properties Specific to CollaborationInstance

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to CollaborationInstance

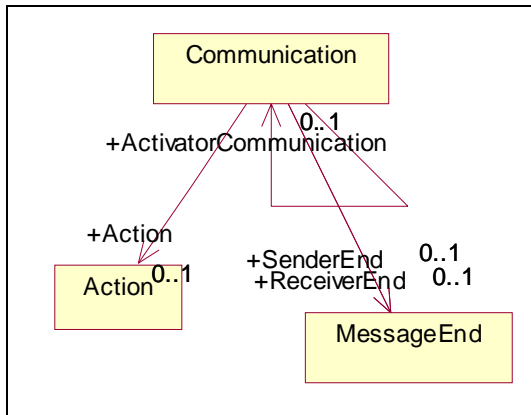| Name	Kind	Class
Collaboration	0..1	Collaboration
Instances	0..n	Instance
InteractionInstances	0..n	InteractionInstance
Links	0..n	Link

Communication
XDE Domain

An abstract class that captures the commonality between Message and Stimulus.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Communication

SubClasses of Communication
  Message
  Stimulus

Properties Specific to Communication

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Communication

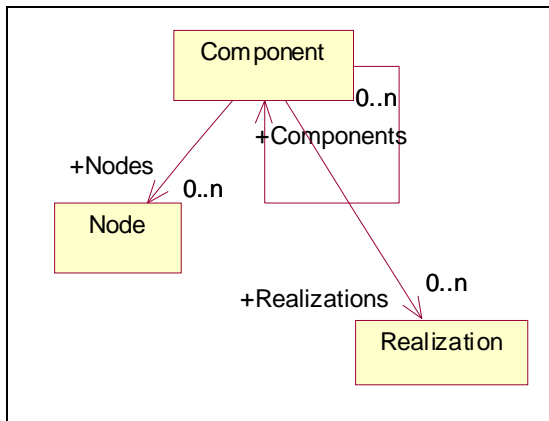| Name	Kind	Class
Action	0..1	Action
ActivatorCommunication		Communication
ReceiverEnd	0..1	MessageEnd
SenderEnd	0..1	MessageEnd

Component
XDE Domain

Components are physical, replaceable parts of a system that package implementation and provide Realization of a set of Interfaces. A component is a Classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Classifier>Component

SubClasses of Component
     This class has no subclasses.

Properties Specific to Component

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Component

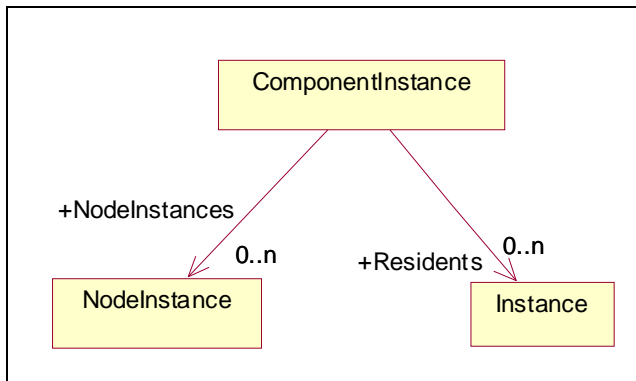| Name	Kind	Class
Components		Component
Nodes	0..n	Node
Realizations	0..n	Realization

ComponentInstance
XDE Domain

An Instance that originates from a Component. It may be associated with a set of Instances, and may reside on a NodeInstance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Instance>ComponentInstance

SubClasses of ComponentInstance
  This class has no subclasses.

Properties Specific to ComponentInstance

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsActive	Instance
IsMultiInstanced	Instance
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Instance
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ComponentInstance

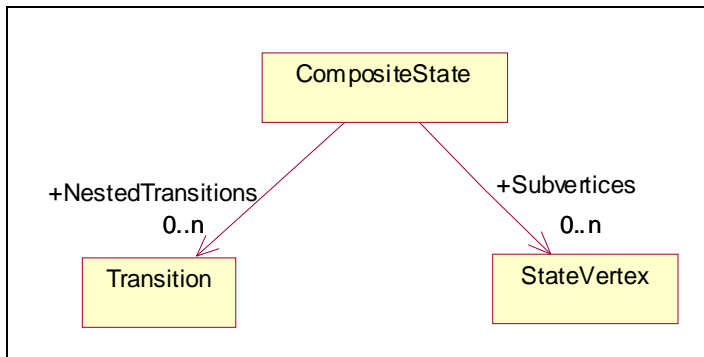| Name	Kind	Class
NodeInstances	0..n	NodeInstance
Residents	0..n	Instance

CompositeState
XDE Domain

A state that consists of either concurrent substates or sequential substates. Any state enclosed within a composite state is called a substate of that composite state.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>State>
CompositeState

SubClasses of CompositeState
   Activity

Properties Specific to CompositeState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsConcurrent	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to CompositeState

Name	Kind	Class
NestedTransitions	0..n	Transition
Subvertices	0..n	StateVertex

ConnectorView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ConnectorView

SubClasses of ConnectorView
> This class has no subclasses.

Properties Specific to ConnectorView

Properties	Inherited From
BendpointCount	
FactoryHint	View
GUID	Element
IsVisible	View
Label	Element
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ConnectorView

Name	Kind	Class
BoundByEndViews	0..n	BoundView
FromView	0..1	View
Labels	0..n	OnLineView
Points	0..n	UMLPoint
ToView	0..1	View

Constrain
XDE Domain

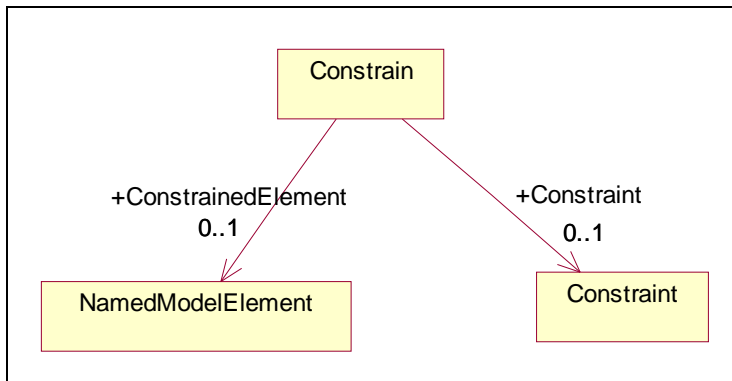A relationship associated with a Constraint. A dependency connection is made from a ModelElement to its constraints.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>Constrain

SubClasses of Constrain
This class has no subclasses.

Properties Specific to Constrain

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Constrain

Name	Kind	Class
ConstrainedElement	0..1	NamedModelElement
Constraint	0..1	Constraint

Constraint
XDE Domain

A semantic condition or restriction. A dependency connection is made from a ModelElement to its constraints.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Constraint

SubClasses of Constraint
   This class has no subclasses.

Properties Specific to Constraint

Properties	Inherited From
Body	
BodyLanguage	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Constraint

Name	Kind	Class
ConstrainedElements	0..n	Element
ConstraintAttachments	0..n	Constrain

ConsumerSupplierRelationship
XDE Domain

An abstract class for relationship subtypes between two NamedModelElements where one is the consumer and the other is the supplier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship

SubClasses of ConsumerSupplierRelationship
Dependency
ElementResidence
Generalization
Realization
TypeUsage

Properties Specific to ConsumerSupplierRelationship

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ConsumerSupplierRelationship

Name	Kind	Class
Consumer	0..1	NamedModelElement
Supplier	0..1	NamedModelElement

ContainerView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView

SubClasses of ContainerView
OnLineView
PositionalGeneralView
SubShapeView

Properties Specific to ContainerView

Properties	Inherited From
BottomMargin	
FactoryHint	View
GUID	Element
IsVisible	View
Label	Element
LayoutType	
LeftMargin	
MarginsAreAbsolute	
RightMargin	
StereotypeName	ExtensibleElement
TopMargin	
TypeName	Element

Relationships Specific to ContainerView

Name	Kind	Class
Children	0..n	View

Coregion
XDE Domain

Specifies a collection of events on a lifeline that may occur in any order.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>InteractionEvent>Coregion

SubClasses of Coregion
   This class has no subclasses.

Properties Specific to Coregion

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Coregion

Name	Kind	Class
Events	0..n	InteractionEvent

Create
XDE Domain

A Usage dependency denoting that the client classifier creates instances of the supplier classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Usage>Create

SubClasses of Create
   This class has no subclasses.

Properties Specific to Create

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Create
   This class has no relationships.

CreateAction
XDE Domain

The instantiation and initialization of an object. An action in which an instance is created based on the definitions of the specified set of classifiers. CreateAction has a reference to a class and an optional class-scope operation with an argument list.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Action>CreateAction

SubClasses of CreateAction
This class has no subclasses.

Properties Specific to CreateAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to CreateAction

Name	Kind	Class
Constructor	0..1	Operation
Instantiation	0..1	Class

DataType
XDE Domain

Defines a special kind of Classifier in which Operations are all pure functions (that is, they can return DataValues but they cannot change DataValues, because they have no identity). For example, an "add" operation on a number with another number as an argument yields a third number as a result; the target and argument are unchanged.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Classifier>DataType

SubClasses of DataType
Enumeration

Properties Specific to DataType

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to DataType
This class has no relationships.

DataValue
XDE Domain

DataValue is a child of Instance that cannot change its state (that is, all Operations that are applicable to it are pure functions or queries). DataValues are typically used as attribute values.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Instance>DataValue

SubClasses of DataValue
This class has no subclasses.

Properties Specific to DataValue

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsActive	Instance
IsMultiInstanced	Instance
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Instance
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to DataValue
This class has no relationships.

Decision
XDE Domain

A decision represents a specific location on an activity diagram or statechart diagram where the workflow may branch based upon guard conditions.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>Decision

SubClasses of Decision
This class has no subclasses.

Properties Specific to Decision

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Decision
This class has no relationships.

Dependency
XDE Domain

A dependency is a relationship between two NamedModelElements in which a change to one (the supplier) may affect the other (the client).

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>ConsumerSupplierRelationship> Dependency

SubClasses of Dependency
    Abstraction
    Binding
    Permission
    Usage

Properties Specific to Dependency

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Dependency
    This class has no relationships.

Deploy
XDE Domain

A compnent deployed by a single node instance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
ElementResidence>Deploy

SubClasses of Deploy
    This class has no subclasses.

Properties Specific to Deploy

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	ElementResidence

Relationships Specific to Deploy
    This class has no relationships.

DestroyAction
XDE Domain

The destruction of a target object, together with all links involving it and all composite parts of it.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action>DestroyAction

SubClasses of DestroyAction
    This class has no subclasses.

Properties Specific to DestroyAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to DestroyAction
    This class has no relationships.

Diagram
XDE Domain

A graphical depiction of all or part of a model. A graphical presentation of a collection of model elements.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Diagram

SubClasses of Diagram
This class has no subclasses.

Properties Specific to Diagram

Properties	Inherited From
Description	NamedModelElement
ExtentX	
ExtentY	
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
OriginX	
OriginY	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
Type	
TypeName	Element

Relationships Specific to Diagram

Name	Kind	Class
Children	0..n	View
ConnectorViews	0..n	ConnectorView
Context	0..1	NamedModelElement
LocalStyles	0..n	Style
PositionalGeneralViews	0..n	PositionalGeneralView

DiagramView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>
PositionalGeneralView>DiagramView

SubClasses of DiagramView
    This class has no subclasses.

Properties Specific to DiagramView

Properties	Inherited From
BottomMargin	ContainerView
ExtentX	PositionalGeneralView
ExtentY	PositionalGeneralView
FactoryHint	View
GUID	Element
HideAllCompartmentItems	PositionalGeneralView
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
Name	
Orientation	
PaperSize	
PositionX	PositionalGeneralView
PositionY	PositionalGeneralView
RightMargin	ContainerView
ShowPageBreaks	
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element
ViewportX	
ViewportY	
WindowState	
Zoom	

Relationships Specific to DiagramView
    This class has no relationships.
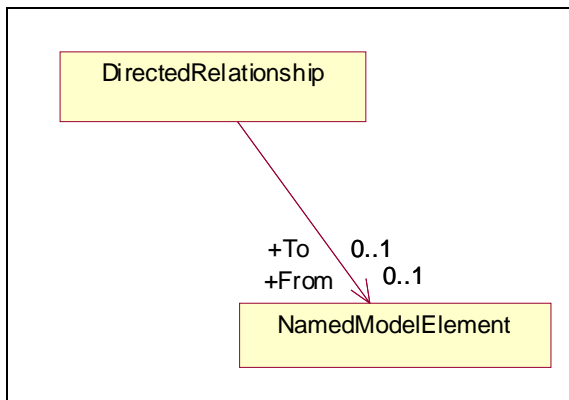
DirectedRelationship
XDE Domain

DirectedRelationship is an abstract type representing a Relationship from an owning consumer to a supplier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship

SubClasses of DirectedRelationship
   ConsumerSupplierRelationship
   Extend
   Flow
   GeneralRelationship
   Include

Properties Specific to DirectedRelationship

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to DirectedRelationship

Name	Kind	Class
From	0..1	NamedModelElement
To	0..1	NamedModelElement

Element
XDE Domain

This top-level abstract interface in the modeling language hierarchy represents all model artifact types. Classes, TaggedValues, Stereotypes, Views, etc. are all Elements.

Class Hierarchy: Element

SubClasses of Element
Expression
ExtensibleElement
Profile
TagDefinition
TaggedValue
TaggedValueLiteral
TaggedValueSet
Workspace

Properties Specific to Element

Properties	Inherited From
GUID	
Label	
TypeName	

Relationships Specific to Element

Name	Kind	Class
ContainedElements		Element
Container	0..1	Element
Model	0..1	Model
ModelExplorerChildren		Element

ElementExport
XDE Domain

ElementExport defines the visibility of a NamedModelElement contained in a Package outside that Package.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Permission>ElementExport

SubClasses of ElementExport
   This class has no subclasses.

Properties Specific to ElementExport

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ElementExport
   This class has no relationships.

ElementImport
XDE Domain

Implies access. Defines the visibility and alias of a model element included in the namespace within a package, as a result of the package importing another package. Import means that the elements don't have to be referred to by their fully qualified name, unless there is a name conflict. Can also be used for aliasing or renaming.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>ConsumerSupplierRelationship> Dependency>Permission>ElementImport

SubClasses of ElementImport
This class has no subclasses.

Properties Specific to ElementImport

Properties	Inherited From
Alias	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	

Relationships Specific to ElementImport
This class has no relationships.

ElementResidence
XDE Domain

ElementResidence shows that the owning Component supports the Supplier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
ElementResidence

SubClasses of ElementResidence
 Deploy
 Support

Properties Specific to ElementResidence

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	

Relationships Specific to ElementResidence
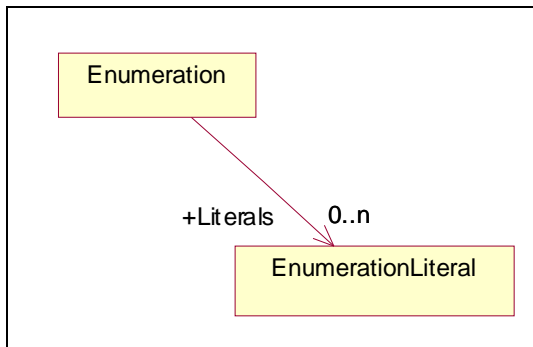 This class has no relationships.

Enumeration
XDE Domain

Defines a kind of DataType whose range is a list of predefined values, called enumeration literals.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Classifier>DataType>Enumeration

SubClasses of Enumeration
>   This class has no subclasses.

Properties Specific to Enumeration

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Enumeration

Name	Kind	Class
Literals	0..n	EnumerationLiteral

EnumerationLiteral
XDE Domain

An EnumerationLiteral defines an element of the run-time extension of an Enumeration data type. Enumeration literals can be copied, stored as values, and passed as arguments. The enumeration literals of a particular Enumeration datatype are ordered.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>EnumerationLiteral

SubClasses of EnumerationLiteral
This class has no subclasses.

Properties Specific to EnumerationLiteral

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Value	

Relationships Specific to EnumerationLiteral
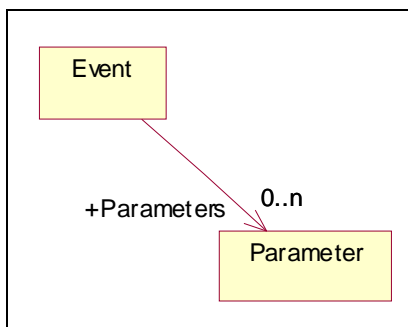This class has no relationships.

Event
XDE Domain

An abstract class for event subtypes. An event is an occurence in a StateDiagram that can trigger a Transition.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Event

SubClasses of Event
    CallEvent
    ChangeEvent
    SignalEvent
    TimeEvent

Properties Specific to Event

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Event

Name	Kind	Class
Parameters	0..n	Parameter

Expression
XDE Domain

A string that evaluates to a value of a particular type.

Class Hierarchy: Element>Expression

SubClasses of Expression
    TypeExpression
    URL

Properties Specific to Expression

Properties	Inherited From
ExpandedValue	
GUID	Element
Label	Element
RawExpression	
TypeName	Element

Relationships Specific to Expression
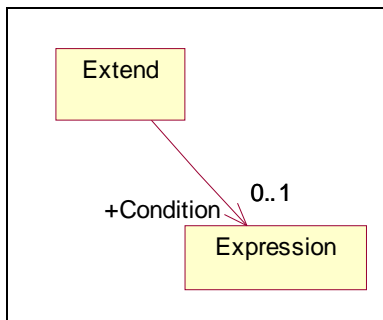   This class has no relationships.

Extend
XDE Domain

A relationship from an extension use case to a base use case, specifying how the behavior defined for the extension use case can be inserted into the behavior defined for the base use case.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement> Relationship>SimpleRelationship>DirectedRelationship>Extend

SubClasses of Extend
    This class has no subclasses.

Properties Specific to Extend

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Extend

Name	Kind	Class
Condition	0..1	Expression

ExtensibleElement
XDE Domain

An abstract type subsuming all ModelElements and all Views. ExtensibleElements provides functionality for UML extensions, such as Stereotypes, TaggedValues and Styles.

Provides base level shared functionality and type values for model elements, views, profiles, styles, and stereotypes. The major classes that implement this abstract interface are ModelElement, View, and NameModelElement.

Class Hierarchy: Element>ExtensibleElement

SubClasses of ExtensibleElement
    ModelElement
    View

Properties Specific to ExtensibleElement

Properties	Inherited From
GUID	Element
Label	Element
StereotypeName	
TypeName	Element

Relationships Specific to ExtensibleElement

Name	Kind	Class
ApplicableStereotypeElements	0..n	Element
AppliedTaggedValueSets	0..n	TaggedValueSet
ContainingDiagram	0..1	Diagram
OverrideTaggedValues	0..n	TaggedValue
Stereotype	0..1	Stereotype
TaggedValues	0..n	TaggedValue
TaggedValueSetReferences	0..n	TaggedValueSet
VisibleTaggedValueCategories	0..n	TaggedValueCategory

FinalState
XDE Domain

A special kind of state signifying that the enclosing composite state is completed. If the enclosing state is the top state, then it means that the entire state machine has completed. A final state cannot have any outgoing transitions.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement> StateVertex>State>FinalState

SubClasses of FinalState
   This class has no subclasses.

Properties Specific to FinalState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to FinalState
   This class has no relationships.

Flow
XDE Domain

A Flow is a directed relationship from a source or sources to a target or targets.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>Flow

SubClasses of Flow
    This class has no subclasses.

Properties Specific to Flow

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsConsumerSource	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Flow
    This class has no relationships.

ForkAction
XDE Domain

Splits an incoming transition into several concurrent outgoing transitions. All of the transitions fire together.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action>ForkAction

SubClasses of ForkAction
This class has no subclasses.

Properties Specific to ForkAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to ForkAction
This class has no relationships.

FriendPermission
XDE Domain

FriendPermission is a permission dependency that grants the target access to the source regardless of the declared visibility.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Permission>FriendPermission

SubClasses of FriendPermission
This class has no subclasses.

Properties Specific to FriendPermission

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to FriendPermission
This class has no relationships.

FriendUsage
XDE Domain

FriendUsage is a usage dependency that declares that the source is using the target without regard to its declared visibility.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Usage>FriendUsage

SubClasses of FriendUsage
   This class has no subclasses.

Properties Specific to FriendUsage

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to FriendUsage
   This class has no relationships.

Generalization
XDE Domain

An inheritance relationship between a more general element and a more specific element.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>ConsumerSupplierRelationship> Generalization

SubClasses of Generalization
   This class has no subclasses.

Properties Specific to Generalization

Properties	Inherited From
Description	NamedModelElement
Discriminator	
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	

Relationships Specific to Generalization
   This class has no relationships.

GeneralRelationship
XDE Domain

A general relationship is a non-UML relationship that is denoted on a diagram by a general connector. Typically at least one of the elements it relates is non-UML.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>GeneralRelationship

SubClasses of GeneralRelationship
This class has no subclasses.

Properties Specific to GeneralRelationship

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to GeneralRelationship
This class has no relationships.

GroupView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>
PositionalGeneralView>GroupView

SubClasses of GroupView
> This class has no subclasses.

Properties Specific to GroupView

Properties	Inherited From
BottomMargin	ContainerView
ExtentX	PositionalGeneralView
ExtentY	PositionalGeneralView
FactoryHint	View
GUID	Element
HideAllCompartmentItems	PositionalGeneralView
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
PositionX	PositionalGeneralView
PositionY	PositionalGeneralView
RightMargin	ContainerView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element

Relationships Specific to GroupView
> This class has no relationships.

Import
XDE Domain

Import is a permission dependency between two Packages denoting that the public contents of the target Package are added to the namespace of the source Package.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Permission>Import

SubClasses of Import
    This class has no subclasses.

Properties Specific to Import

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Import
    This class has no relationships.

Include
XDE Domain

Use-case include relationship

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>Include

SubClasses of Include
    This class has no subclasses.

Properties Specific to Include

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Include
    This class has no relationships.

InitialState
XDE Domain

The default target of a transition to the enclosing composite state.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>InitialState

SubClasses of InitialState
    This class has no subclasses.

Properties Specific to InitialState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to InitialState
    This class has no relationships.
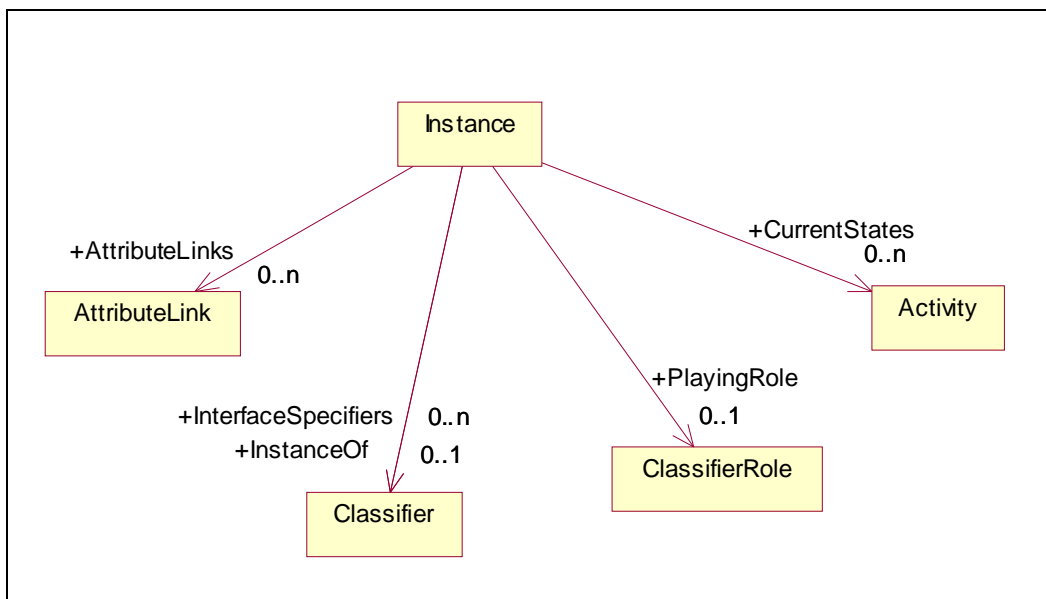
Instance
XDE Domain

Defines an entity to which a set of operations can be applied and which has a state that stores the effects of the operations.

Instance is connected to at least one Classifier which declares its structure and behavior. It has a set of attribute values and is connected to a set of Links, both sets matching the definitions of its Classifiers. The two sets implement the current state of the Instance. An Instance may also own other Instances or Links.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Instance

SubClasses of Instance
> ComponentInstance
> DataValue
> NodeInstance
> SubsystemInstance
> UMLObject

Properties Specific to Instance

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsActive	
IsMultiInstanced	
IsSpecification	NamedModelElement
Label	Element

Properties	Inherited From
Multiplicity	
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Instance

Name	Kind	Class
AttributeLinks	0..n	AttributeLink
CurrentStates	0..n	Activity
InstanceOf	0..1	Classifier
InterfaceSpecifiers	0..n	Classifier
PlayingRole	0..1	ClassifierRole

Instantiate
XDE Domain

A Usage dependency among classifiers indicating that operations on the client create instances of the supplier.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>ConsumerSupplierRelationship> Dependency>Usage>Instantiate

SubClasses of Instantiate
This class has no subclasses.

Properties Specific to Instantiate

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Instantiate
This class has no relationships.

IntegerValue
XDE Domain

The integer value that provides the value for an instance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>SimpleValue>IntegerValue

SubClasses of IntegerValue
  This class has no subclasses.

Properties Specific to IntegerValue

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Value	
ValueAsString	SimpleValue

Relationships Specific to IntegerValue
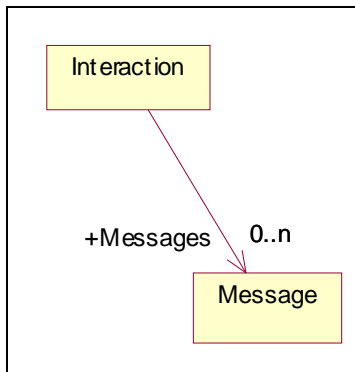 This class has no relationships.

Interaction
XDE Domain

Specifies the communication between a set of instances conforming to the classifier roles of the owning collaboration.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>InteractionSpec>Interaction

SubClasses of Interaction
This class has no subclasses.

Properties Specific to Interaction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Interaction

Name	Kind	Class
Messages	0..n	Message

InteractionEvent
XDE Domain

An abstract class that serves as the common parent for the various types of events that can appear on a lifeline.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>InteractionEvent

SubClasses of InteractionEvent
Coregion
LocalAction
LocalState
MessageEnd
SingleLifelineEvent

Properties Specific to InteractionEvent

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to InteractionEvent
This class has no relationships.
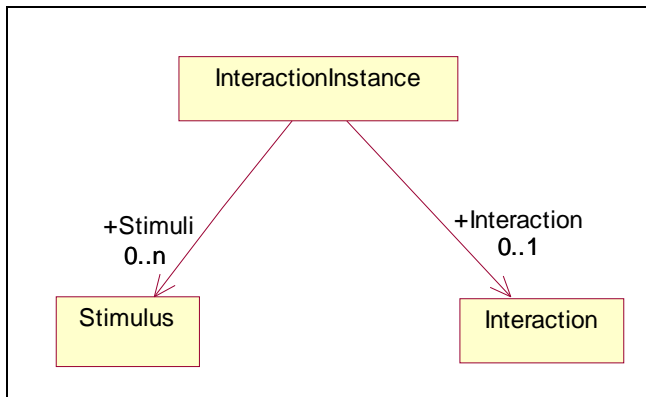
InteractionInstance
XDE Domain

A InteractionInstance is an instance of an Interaction.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>InteractionSpec>
InteractionInstance

SubClasses of InteractionInstance
This class has no subclasses.

Properties Specific to InteractionInstance

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to InteractionInstance

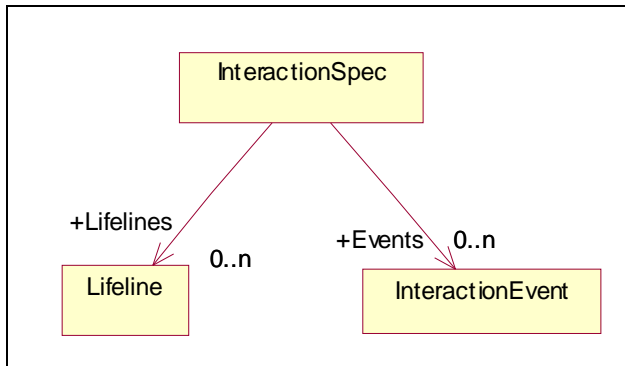| Name	Kind	Class
Interaction	0..1	Interaction
Stimuli	0..n	Stimulus

InteractionSpec
XDE Domain

This abstract class captures the commonality between Interaction and InteractionInstance.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>InteractionSpec

SubClasses of InteractionSpec
    Interaction
    InteractionInstance

Properties Specific to InteractionSpec

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to InteractionSpec

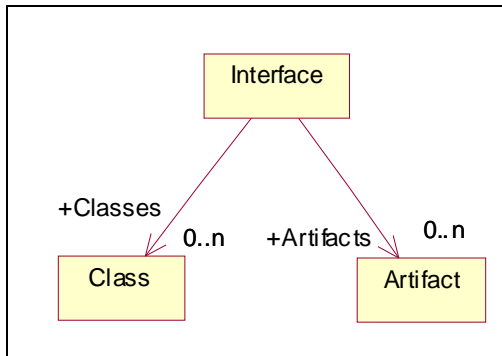| Name	Kind	Class
Events	0..n	InteractionEvent
Lifelines	0..n	Lifeline

Interface
XDE Domain

An Interface is a Classifier containing operations that characterize the behavior of an element.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Classifier>Interface

SubClasses of Interface
This class has no subclasses.

Properties Specific to Interface

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Interface

Name	Kind	Class
Artifacts	0..n	Artifact
Classes	0..n	Class

JoinAction
XDE Domain

Merges transitions from concurrent regions into a single outgoing
transition. All the transitions fire together.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Action>JoinAction

SubClasses of JoinAction
   This class has no subclasses.

Properties Specific to JoinAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to JoinAction
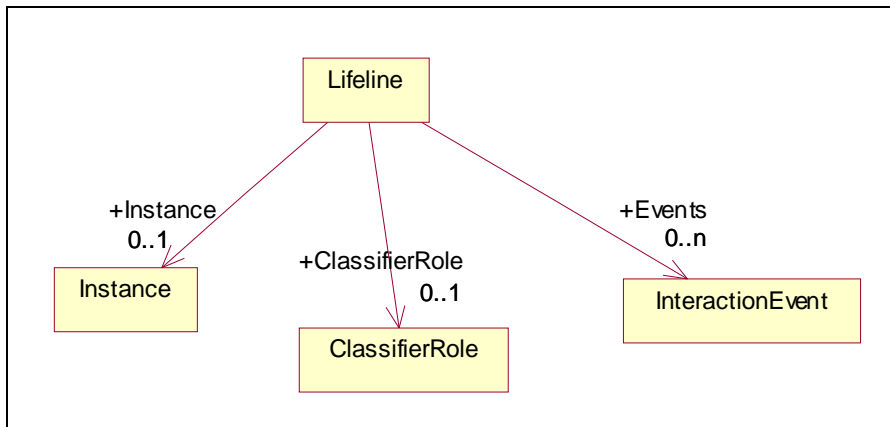   This class has no relationships.

Lifeline
XDE Domain

Represents a classifier role (or instance) in the containing collaboration (or collaboration instance). Is responsible for remembering the order of events on the Lifeline (i.e. the order or message sends, message receives, etc).

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Lifeline

SubClasses of Lifeline
    This class has no subclasses.

Properties Specific to Lifeline

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Lifeline

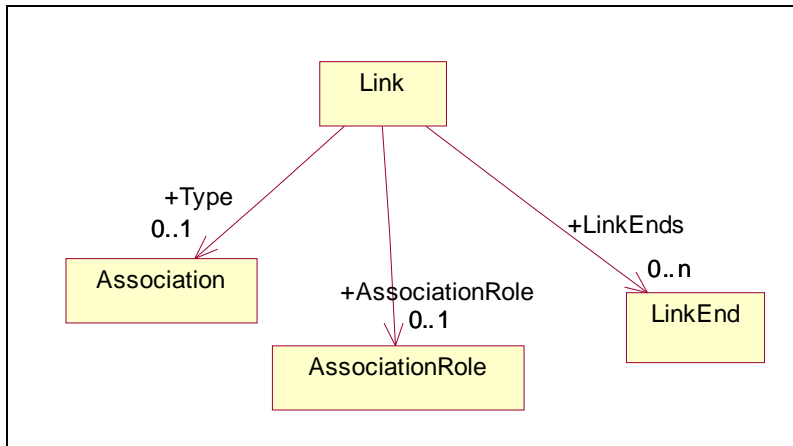| Name	Kind	Class
ClassifierRole	0..1	ClassifierRole
Events	0..n	InteractionEvent
Instance	0..1	Instance

Link
XDE Domain

Objects interact through their links to other objects. A link is an instance of an association, in the same way that an object is an instance of a class.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Link

SubClasses of Link

This class has no subclasses.

Properties Specific to Link

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Link

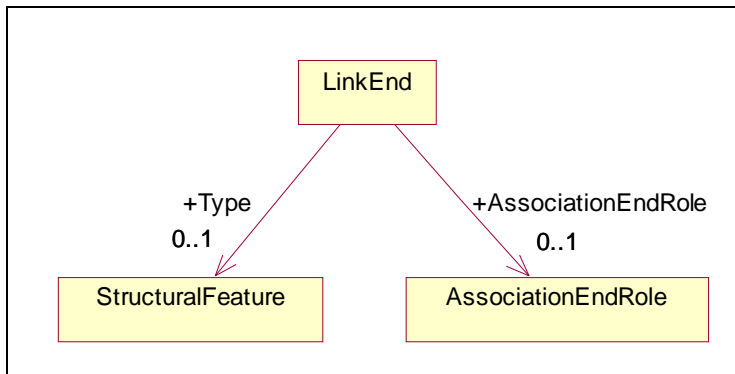| Name	Kind	Class
AssociationRole	0..1	AssociationRole
LinkEnds	0..n	LinkEnd
Type	0..1	Association

LinkEnd
XDE Domain

An end point of a link. Corresponds to an AssociationEnd of the Link's Association.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Instance>StructuralFeatureLink>
LinkEnd

SubClasses of LinkEnd
> This class has no subclasses.

Properties Specific to LinkEnd

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to LinkEnd

Name	Kind	Class
AssociationEndRole	0..1	AssociationEndRole
Type	0..1	StructuralFeature

ListCompartmentView
XDE Domain

A ListCompartmentView is used for either a classic compartment such as an attribute compartment or for a group of list items such as a group of attributes in an attribute compartment that share the same stereotype.

Class Hierarchy: Element>ExtensibleElement>View>ContainerView> SubShapeView>ListCompartmentView

SubClasses of ListCompartmentView
This class has no subclasses.

Properties Specific to ListCompartmentView

Properties	Inherited From
BottomMargin	ContainerView
ColumnNo	SubShapeView
ExtentX	SubShapeView
ExtentY	SubShapeView
FactoryHint	View
Gravity	SubShapeView
GUID	Element
HeightRatio	
HorizontalFill	SubShapeView
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
OverrideHeight	
RightMargin	ContainerView
RowNo	SubShapeView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element
VerticalFill	SubShapeView

Relationships Specific to ListCompartmentView
This class has no relationships.

ListElementView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ListElementView

SubClasses of ListElementView
    This class has no subclasses.

Properties Specific to ListElementView

Properties	Inherited From
FactoryHint	View
GUID	Element
IsVisible	View
Label	Element
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ListElementView
    This class has no relationships.
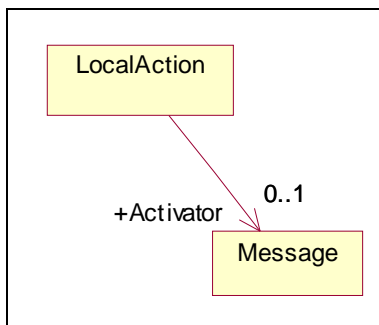
LocalAction
XDE Domain

An event on a Lifeline that represents a non-message action. Typically, this is used to put a block of pseudo-code or real code on the Lifeline to indicate the detailed action or calculation that is done at this point.

The most common Action subclass to use as part of a LocalAction is UninterpretedAction (such as, a simple text holder).

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>InteractionEvent>LocalAction

SubClasses of LocalAction
This class has no subclasses.

Properties Specific to LocalAction

Properties	Inherited From
Action	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to LocalAction

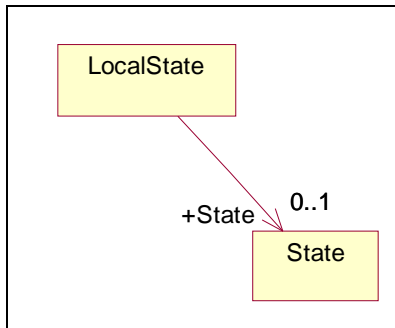| Name	Kind	Class
Activator	0..1	Message

LocalState
XDE Domain

A LocalState is an event that represents the current state for the lifeline(s) it is attached to.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>InteractionEvent>LocalState

SubClasses of LocalState
    This class has no subclasses.

Properties Specific to LocalState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to LocalState

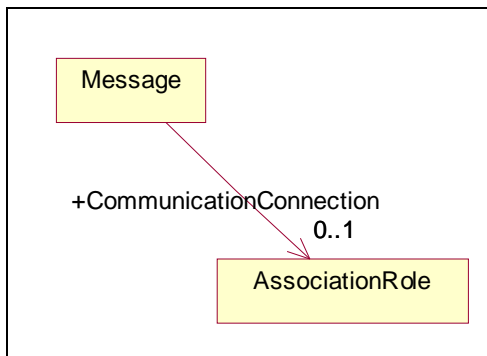| Name	Kind	Class
State	0..1	State

Message
XDE Domain

Defines the communication between instances in an interaction. A message defines a particular communication between instances conforming to the classifier roles that are specified in an interaction.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Communication>Message

SubClasses of Message
 This class has no subclasses.

Properties Specific to Message

Properties	Inherited From
Delay	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Message

Name	Kind	Class
CommunicationConnection	0..1	AssociationRole

MessageEnd
XDE Domain

A MessageEnd is one end of a message in an interaction. A MessageEnd may be attached to either a Lifeline or an interaction reference.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement> InteractionEvent>MessageEnd

SubClasses of MessageEnd
This class has no subclasses.

Properties Specific to MessageEnd

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to MessageEnd
This class has no relationships.
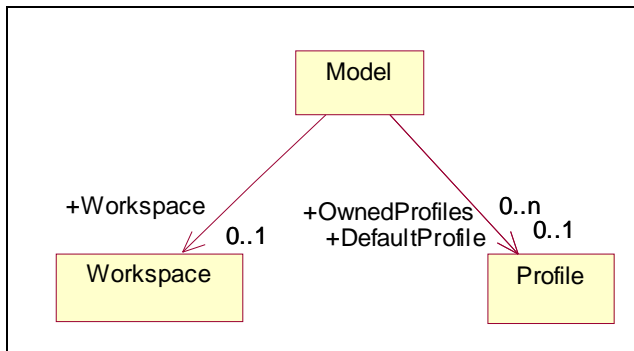
Model
XDE Domain

A model is a semantically complete abstraction of a system. It is also the topmost package in the hierarchy of packages. Captures a view of the physical system.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Package>Model

SubClasses of Model
  This class has no subclasses.

Properties Specific to Model

Properties	Inherited From
AppliedProfiles	
AssociationPolicy	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
IsTopLevel	Package
Kind	
Label	Element
Name	NamedModelElement
Path	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Model

Name	Kind	Class
DefaultProfile	0..1	Profile
OwnedProfiles	0..n	Profile
Workspace	0..1	Workspace

ModelElement
XDE Domain

An abstract type subsuming all NamedModelElements. Represents model elements as opposed to diagram views of model elements. Distinguishes model elements from view elements.

Class Hierarchy: Element>ExtensibleElement>ModelElement

SubClasses of ModelElement
    NamedModelElement
    TemplateArgument

Properties Specific to ModelElement

Properties	Inherited From
GUID	Element
Label	Element
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ModelElement
    This class has no relationships.

NameCompartmentView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>
SubShapeView>NameCompartmentView

SubClasses of NameCompartmentView
    This class has no subclasses.

Properties Specific to NameCompartmentView

Properties	Inherited From
BottomMargin	ContainerView
ColumnNo	SubShapeView
ExtentX	SubShapeView
ExtentY	SubShapeView
FactoryHint	View
Gravity	SubShapeView
GUID	Element
HorizontalFill	SubShapeView
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
RightMargin	ContainerView
RowNo	SubShapeView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element
VerticalFill	SubShapeView

Relationships Specific to NameCompartmentView
    This class has no relationships.
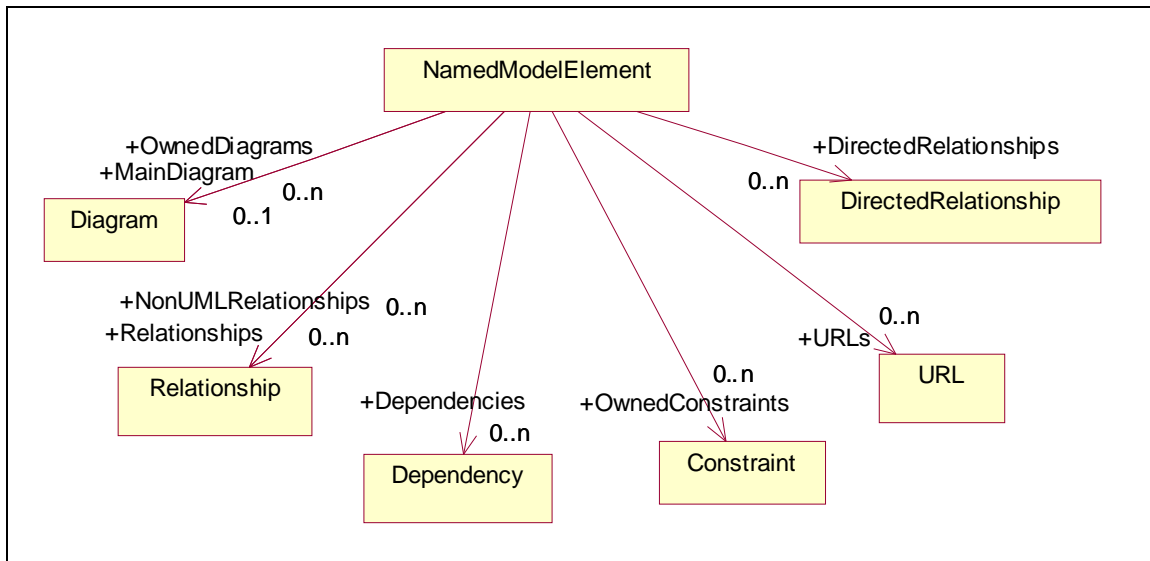
NamedModelElement
XDE Domain

An abstract type that represents model elements with semantics as opposed to model elements that adorn and extend. NamedModelElements have a Name and a Description. They can also be involved in Relationships, although only certain Relationships between certain NamedModelElement subtypes are valid UML constructs.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement

SubClasses of NamedModelElement
> AbstractCollaboration
> Action
> Argument
> AssociationEndRole
> AxItem
> ClassifierRole
> Communication
> Constraint
> Diagram
> EnumerationLiteral
> Event
> Instance
> InteractionEvent
> InteractionSpec
> Lifeline
> Link
> NestedModelElement
> Note
> Operation
> Partition
> Reception
> Relationship
> SimpleValue
> StateMachine
> StateVertex
> StructuralFeatureLink
> TemplateParameter
> Text

Properties Specific to NamedModelElement

Properties	Inherited From
Description	
FullyQualifiedName	
GUID	Element
IsSpecification	
Label	Element
Name	
PseudoCollections	
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to NamedModelElement

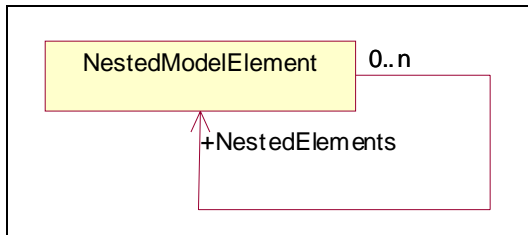| Name	Kind	Class
Dependencies	0..n	Dependency
DirectedRelationships	0..n	DirectedRelationship
MainDiagram	0..1	Diagram
NonUMLRelationships	0..n	Relationship
OwnedConstraints	0..n	Constraint
OwnedDiagrams	0..n	Diagram
Relationships	0..n	Relationship
URLs	0..n	URL

NestedModelElement
XDE Domain

An element that is contained in another element.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>NestedModelElement

SubClasses of NestedModelElement
> Classifier
> Package

Properties Specific to NestedModelElement

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to NestedModelElement

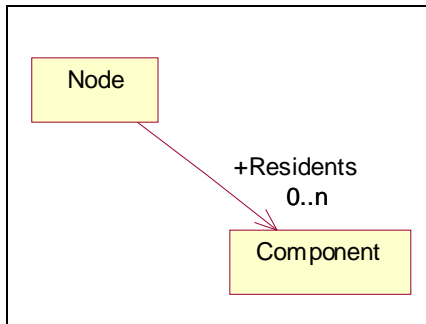| Name	Kind	Class
NestedElements		NestedModelElement

Node
XDE Domain

Represents a workstation or server in a UML deployment model. A Node is a Classifier.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Classifier>Node

SubClasses of Node
   This class has no subclasses.

Properties Specific to Node

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Node

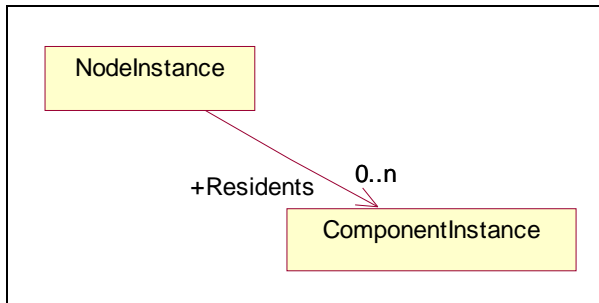| Name	Kind	Class
Residents	0..n	Component

NodeInstance
XDE Domain

An instance of a Node.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Instance>NodeInstance

SubClasses of NodeInstance
This class has no subclasses.

Properties Specific to NodeInstance

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsActive	Instance
IsMultiInstanced	Instance
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Instance
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to NodeInstance

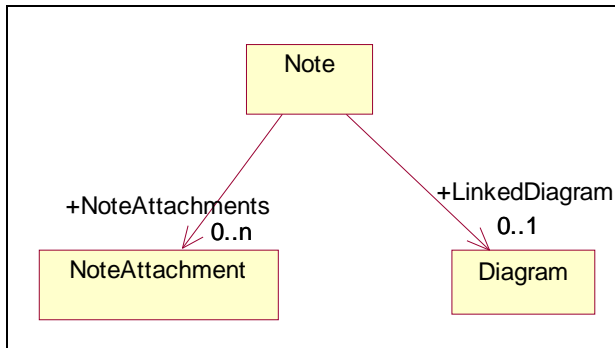| Name	Kind	Class
Residents	0..n	ComponentInstance

Note
XDE Domain

Notes are free-form holders of text and other attributes that may be used for comments. They are visually distinct from Texts.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Note

SubClasses of Note
    This class has no subclasses.

Properties Specific to Note

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Note

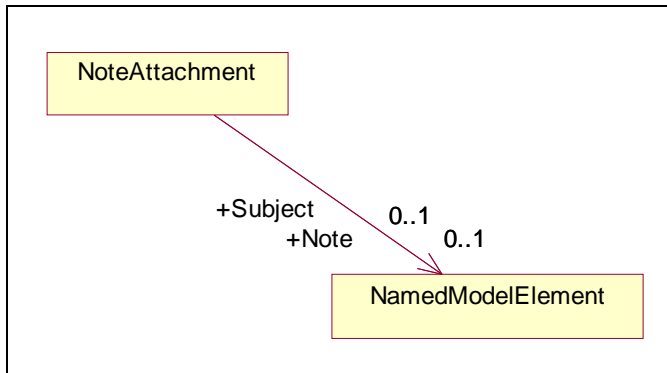| Name	Kind	Class
LinkedDiagram	0..1	Diagram
NoteAttachments	0..n	NoteAttachment

NoteAttachment
XDE Domain

NoteAttachments are Relationships between Notes and Texts and other NamedModelElements. They have no semantics.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> NoteAttachment

SubClasses of NoteAttachment
     This class has no subclasses.

Properties Specific to NoteAttachment

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to NoteAttachment

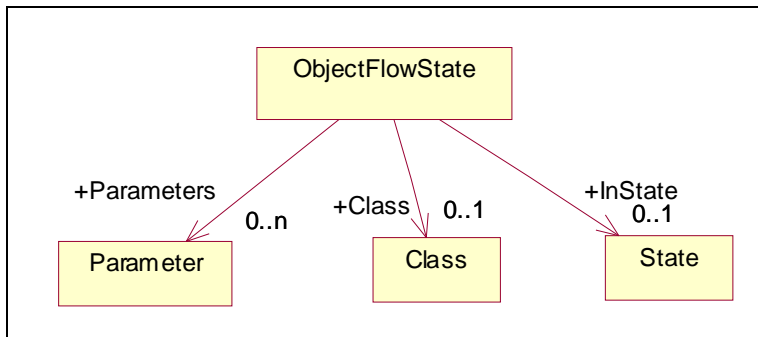| Name	Kind	Class
Note	0..1	NamedModelElement
Subject	0..1	NamedModelElement

ObjectFlowState
XDE Domain

An ObjectFlowState defines an object flow between actions in an activity graph. It signifies the availability of a classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement> StateVertex>State>ObjectFlowState

SubClasses of ObjectFlowState
This class has no subclasses.

Properties Specific to ObjectFlowState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
IsSynch	
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ObjectFlowState

Name	Kind	Class
Class	0..1	Class
InState	0..1	State
Parameters	0..n	Parameter

OnLineView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>OnLineView

SubClasses of OnLineView
    This class has no subclasses.

Properties Specific to OnLineView

Properties	Inherited From
BottomMargin	ContainerView
FactoryHint	View
FromEnd	
FromLine	
GUID	Element
IsPercentage	
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
RightMargin	ContainerView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element

Relationships Specific to OnLineView
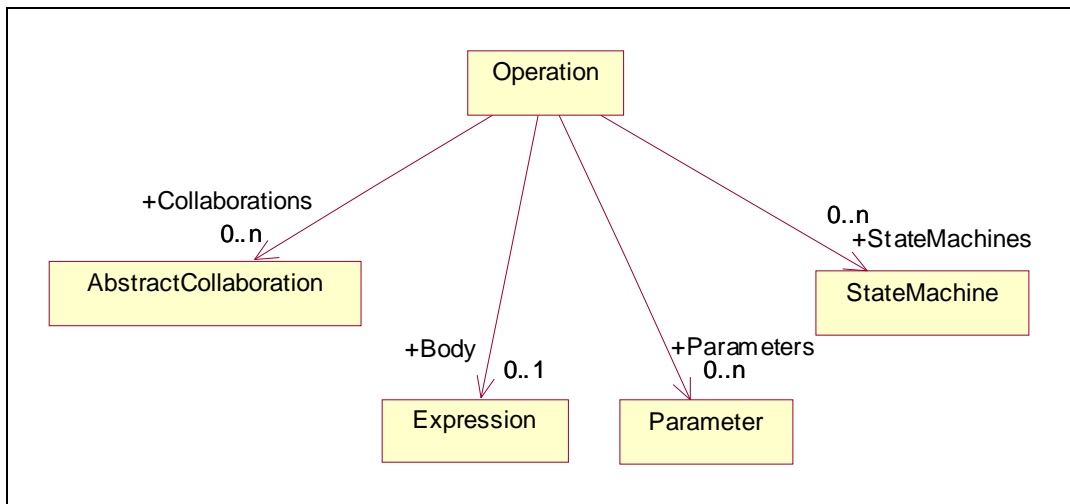   This class has no relationships.

Operation
XDE Domain

Operations are services that can be requested from an Object, affecting behavior. Operations have Signatures, which describe the actual Parameters that are possible (including possible return values).

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Operation

SubClasses of Operation
> This class has no subclasses.

Properties Specific to Operation

Properties	Inherited From
Concurrency	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	
IsLeaf	
IsQuery	
IsRoot	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
OwnerScope	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	

Relationships Specific to Operation

Name	Kind	Class
Body	0..1	Expression
Collaborations	0..n	AbstractCollaboration
Parameters	0..n	Parameter
StateMachines	0..n	StateMachine

Package
XDE Domain

A Package is a grouping of model elements and diagrams. Packages may be nested.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Package

SubClasses of Package
    Model

Properties Specific to Package

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
IsTopLevel	
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Package

Name	Kind	Class
Actors	0..n	Actor
Artifacts	0..n	Artifact
AxItems	0..n	AxItem
Classes	0..n	Class
Classifiers	0..n	Classifier
Collaborations	0..n	AbstractCollaboration
Components	0..n	Component
Enumerations	0..n	Enumeration
Generalizations	0..n	Generalization
Instances	0..n	Instance
Interfaces	0..n	Interface
Nodes	0..n	Node
OwnedNotes	0..n	Note
OwnedTexts	0..n	Text
Realizations	0..n	Realization
Signals	0..n	Signal
StateMachines	0..n	StateMachine
Subsystems	0..n	Subsystem
UseCases	0..n	UseCase

Parameter
XDE Domain

Parameters are unbound values that can be changed, passed or returned. A Parameter may include a name, type and direction of communication. Parameters are used in the specification of Operations, Messages, Events, and Templates.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Relationship>SimpleRelationship>DirectedRelationship>ConsumerSupplierRelationship>TypeUsage>Parameter

SubClasses of Parameter
    This class has no subclasses.

Properties Specific to Parameter

Properties	Inherited From
DefaultValueExpression	TypeUsage
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Kind	
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeExpression	TypeUsage
TypeName	Element

Relationships Specific to Parameter
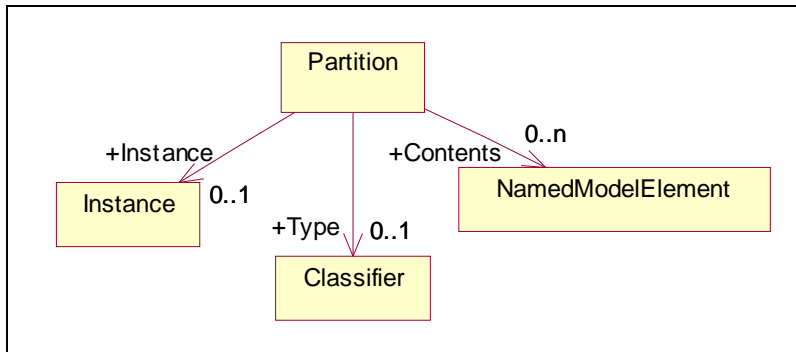   This class has no relationships.

Partition
XDE Domain

A mechanism for dividing the states of an activity graph into groups. Represents a vertical slice through an architecture, whereas a layer represents a horizontal slice.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Partition

SubClasses of Partition
This class has no subclasses.

Properties Specific to Partition

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Partition

Name	Kind	Class
Contents	0..n	NamedModelElement
Instance	0..1	Instance
Type	0..1	Classifier

Permission
XDE Domain

Access control; specification time. A dependency between a client ModelElement and a supplier ModelElement.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>SimpleRelationship> DirectedRelationship>ConsumerSupplierRelationship> Dependency>Permission

SubClasses of Permission
> Access
> ElementExport
> ElementImport
> FriendPermission
> Import

Properties Specific to Permission

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Permission
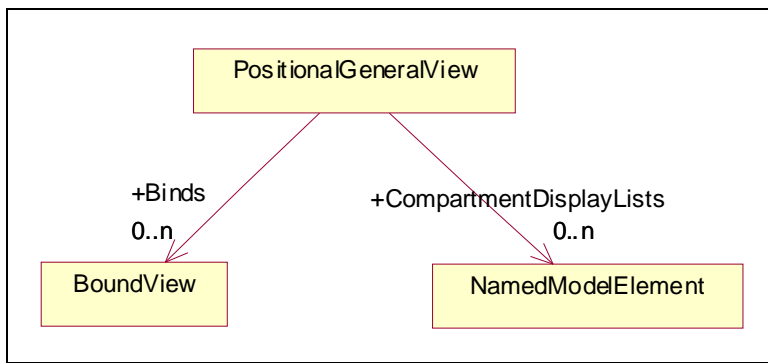> This class has no relationships.

PositionalGeneralView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>PositionalGeneralView

SubClasses of PositionalGeneralView
>AxView
>BoundView
>DiagramView
>GroupView
>SwimmingPoolView

Properties Specific to PositionalGeneralView

Properties	Inherited From
BottomMargin	ContainerView
ExtentX	
ExtentY	
FactoryHint	View
GUID	Element
HideAllCompartmentItems	
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
PositionX	
PositionY	
RightMargin	ContainerView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element

Relationships Specific to PositionalGeneralView

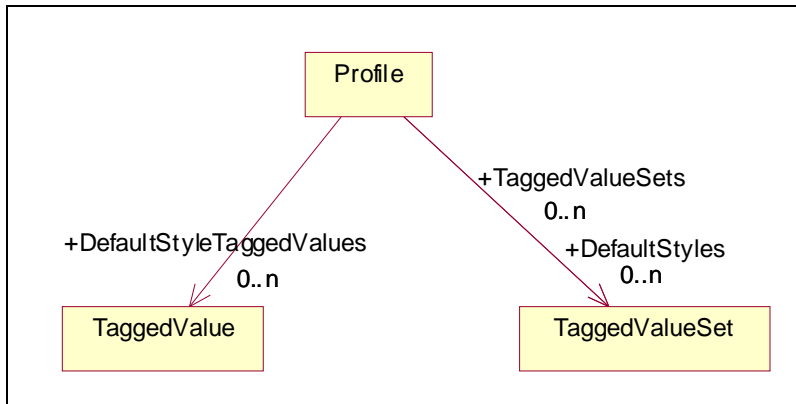| Name	Kind	Class
Binds	0..n	BoundView
CompartmentDisplayLists	0..n	NamedModelElement

Profile
XDE Domain

Provides information to a model about tagged value sets, stereotypes, and default styles. Models own profiles and can also import profiles from other models.

Class Hierarchy: Element>Profile

SubClasses of Profile
This class has no subclasses.

Properties Specific to Profile

Properties	Inherited From
Description	
GUID	Element
IsDefault	
IsUniversal	
Label	Element
Name	
ResourceFileName	
TypeName	Element

Relationships Specific to Profile

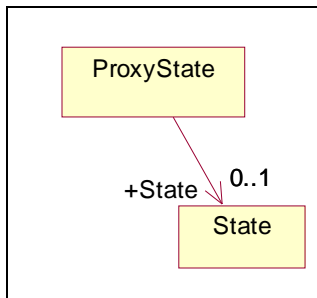| Name	Kind	Class
DefaultStyles	0..n	TaggedValueSet
DefaultStyleTaggedValues	0..n	TaggedValue
TaggedValueSets	0..n	TaggedValueSet

ProxyState
XDE Domain

A reference to another model element in a different area of the model or within a different state machine or activity graph.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>ProxyState

SubClasses of ProxyState
This class has no subclasses.

Properties Specific to ProxyState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to ProxyState

Name	Kind	Class
State	0..1	State

PseudoState
XDE Domain

A pseudostate is an abstraction that encompasses different types of transient vertices in the state machine graph. They are used, typically, to connect multiple transitions into more complex state transitions paths. The kinds of PseudoStates are:
initial, deepHistory, shallowHistory, join, fork, junction, and choice.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>PseudoState

SubClasses of PseudoState
This class has no subclasses.

Properties Specific to PseudoState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Kind	
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to PseudoState
This class has no relationships.

Realization
XDE Domain

Realizations are DirectedRelationships from one NamedModelElement to another, in which the consumer is the implementation of the specification inherent in the supplier. A realization specifies inheritance of behavior without the inheritance of structure.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Realization

SubClasses of Realization
   This class has no subclasses.

Properties Specific to Realization

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Realization
   This class has no relationships.

RealValue
XDE Domain

The real number that provides the value for an instance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>SimpleValue>RealValue

SubClasses of RealValue
   This class has no subclasses.

Properties Specific to RealValue

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Value	
ValueAsString	SimpleValue

Relationships Specific to RealValue
   This class has no relationships.
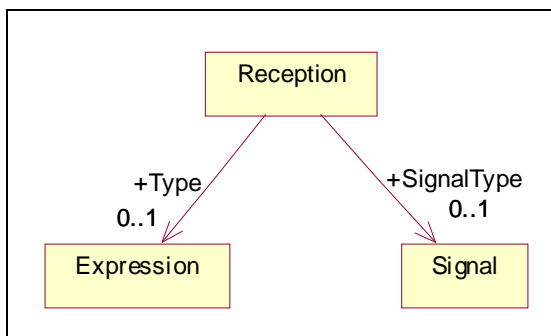
Reception
XDE Domain

A declaration that a classifier is prepared to react to the receipt of a signal.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Reception

SubClasses of Reception
This class has no subclasses.

Properties Specific to Reception

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsPolymorphic	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Specification	
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Reception

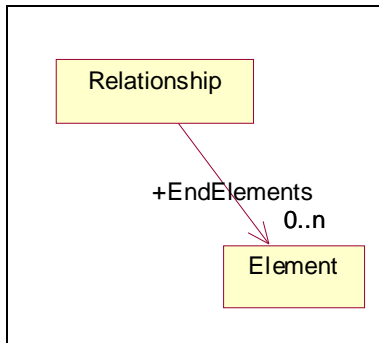| Name	Kind	Class
SignalType	0..1	Signal
Type	0..1	Expression

Relationship
XDE Domain

Relationship is an abstract type representing connections among NamedModelElements. Most Relationships are DirectedRelationships, while Associations consist of AssociationEnds, which are directed.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Relationship

SubClasses of Relationship
Association
AssociationRole
SimpleRelationship
Transition

Properties Specific to Relationship

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Relationship

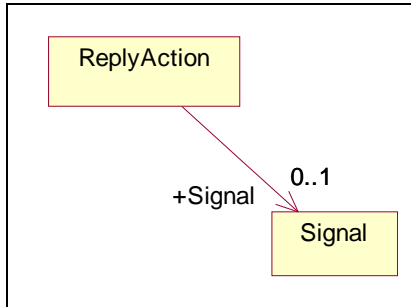| Name	Kind	Class
EndElements	0..n	Element

ReplyAction
XDE Domain

An Action that results in the replying of a signal from a receiver to a sender.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Action>ReplyAction

SubClasses of ReplyAction
    This class has no subclasses.

Properties Specific to ReplyAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to ReplyAction

Name	Kind	Class
Signal	0..1	Signal

ReturnAction
XDE Domain

An Action which causes values to be passed back to the activator (the caller). The values are represented by the arguments inherited from Action. A ReturnAction has no explicit target.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Action>ReturnAction

SubClasses of ReturnAction
This class has no subclasses.

Properties Specific to ReturnAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to ReturnAction
This class has no relationships.

Send
XDE Domain

A Usage dependency whose source is an operation and whose target is a signal, specifying that the source sends the target signal.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Usage>Send

SubClasses of Send
   This class has no subclasses.

Properties Specific to Send

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Send
   This class has no relationships.
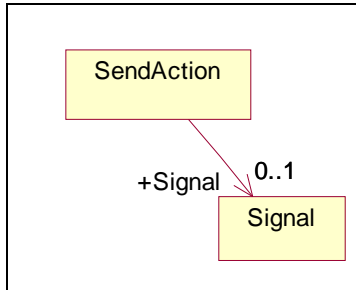
SendAction
XDE Domain

An Action that results in the sending of a signal from a sender to a receiver.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Action>SendAction

SubClasses of SendAction
> This class has no subclasses.

Properties Specific to SendAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to SendAction

Name	Kind	Class
Signal	0..1	Signal

Signal
XDE Domain

Specifies an asynchronous stimulus communicated between instances.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Classifier>Signal

SubClasses of Signal
   This class has no subclasses.

Properties Specific to Signal

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Signal
   This class has no relationships.
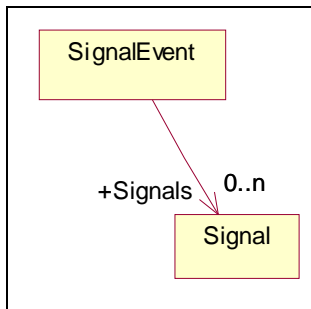
SignalEvent
XDE Domain

Represents the reception of a particular (asynchronous) signal. A send action generates a signal event.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Event>SignalEvent

SubClasses of SignalEvent
   This class has no subclasses.

Properties Specific to SignalEvent

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SignalEvent

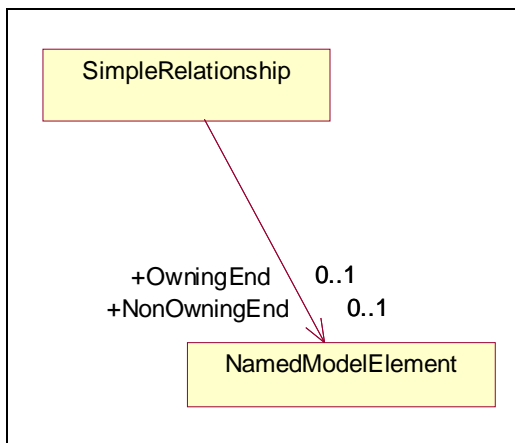| Name	Kind	Class
Signals	0..n	Signal

SimpleRelationship
XDE Domain

An abstract relationship class.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship

SubClasses of SimpleRelationship
> AssociatedClass
> Constrain
> DirectedRelationship
> NoteAttachment

Properties Specific to SimpleRelationship

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SimpleRelationship

Name	Kind	Class
NonOwningEnd	0..1	NamedModelElement
OwningEnd	0..1	NamedModelElement

SimpleValue
XDE Domain

An abstract type for value subtypes.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>SimpleValue

SubClasses of SimpleValue
>   BooleanValue
>   IntegerValue
>   RealValue
>   StringValue

Properties Specific to SimpleValue

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
ValueAsString	

Relationships Specific to SimpleValue
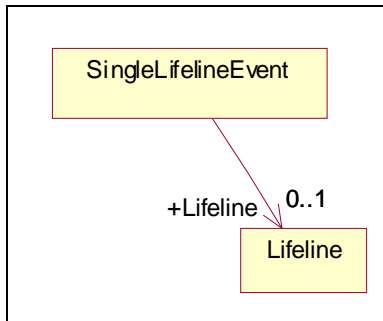>   This class has no relationships.

SingleLifelineEvent
XDE Domain

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>InteractionEvent>SingleLifelineEvent

SubClasses of SingleLifelineEvent
    This class has no subclasses.

Properties Specific to SingleLifelineEvent

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SingleLifelineEvent

Name	Kind	Class
Lifeline	0..1	Lifeline

State
XDE Domain

An abstract type for state subtypes. A state is a condition or situation during the life of an object during which it satisfies some condition, performs some activity, or waits for some event.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>StateVertex>State

SubClasses of State
   CompositeState
   FinalState
   ObjectFlowState
   SubmachineState

Properties Specific to State

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to State

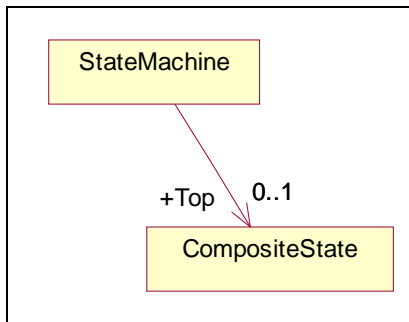| Name	Kind	Class
DeferrableEvents	0..n	Event
DoActivities	0..n	Action
EntryActions	0..n	Action
ExitActions	0..n	Action
Internals	0..n	Transition

StateMachine
XDE Domain

A specification that describes all possible behaviors of some dynamic model element. Specifies the sequence of states that an object or interaction goes through during its life in repsonse to events, together with its responses and actions.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>StateMachine

SubClasses of StateMachine
   ActivityGraph

Properties Specific to StateMachine

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to StateMachine

Name	Kind	Class
Top	0..1	CompositeState

StateVertex
XDE Domain

This abstract class represents a source or a target for a transition in a state machine.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>StateVertex

SubClasses of StateVertex
- Decision
- InitialState
- ProxyState
- PseudoState
- State
- StubState
- Synchronization
- SynchState

Properties Specific to StateVertex

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to StateVertex

Name	Kind	Class
AdjacentTransitions	0..n	Transition
IncomingTransitions	0..n	Transition
OutgoingTransitions	0..n	Transition
Swimlanes	0..n	Partition

Stereotype
XDE Domain

Provides a means of extending UML to provide custom model elements. Stereotypes are TaggedValueSets. ModelElements reference 0..1 stereotypes (See ExtensibleElement).

Class Hierarchy: Element>TaggedValueSet>Stereotype

SubClasses of Stereotype
    This class has no subclasses.

Properties Specific to Stereotype

Properties	Inherited From
Description	TaggedValueSet
DescriptionResourceID	TaggedValueSet
DisplayName	TaggedValueSet
ElementKind	TaggedValueSet
GUID	Element
IsAppliedAutomatically	TaggedValueSet
Label	Element
Name	TaggedValueSet
NameResourceID	TaggedValueSet
TypeName	Element
UICategoryName	TaggedValueSet
UIHideValues	TaggedValueSet

Relationships Specific to Stereotype
    This class has no relationships.

Stimulus
XDE Domain

The passing of information from one instance to another.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Communication>Stimulus

SubClasses of Stimulus
This class has no subclasses.

Properties Specific to Stimulus

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Stimulus

Name	Kind	Class
Arguments	0..n	Instance
CommunicationLink	0..1	Link
Message	0..1	Message

StringValue
XDE Domain

The string that provides the value for an instance.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>SimpleValue>StringValue

SubClasses of StringValue
    This class has no subclasses.

Properties Specific to StringValue

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Value	
ValueAsString	SimpleValue

Relationships Specific to StringValue
    This class has no relationships.
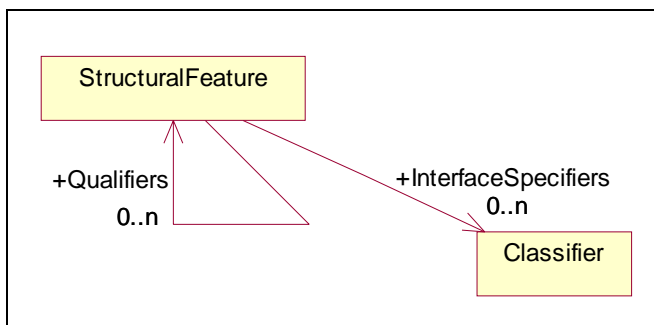
StructuralFeature
XDE Domain

An abstract type that subsumes static features of a model element such as an Attribute.
Structural features represent structural aspects of an Instance of a Classifier.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
TypeUsage>StructuralFeature

SubClasses of StructuralFeature
   AssociationEnd
   Attribute

Properties Specific to StructuralFeature

Properties	Inherited From
CanonicalMultiplicity	
Changeability	
DefaultValueExpression	TypeUsage
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsByValueIfComposite	
IsDerived	
IsNavigable	
IsSpecification	NamedModelElement
Label	Element
Multiplicity	
Name	NamedModelElement
Ordering	
OwnerScope	
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TargetScope	

Properties	Inherited From
TypeExpression	TypeUsage
TypeName	Element
Visibility	

Relationships Specific to StructuralFeature

Name	Kind	Class
InterfaceSpecifiers	0..n	Classifier
Qualifiers		StructuralFeature

StructuralFeatureLink
XDE Domain

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StructuralFeatureLink

SubClasses of StructuralFeatureLink
   AttributeLink
   LinkEnd

Properties Specific to StructuralFeatureLink

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to StructuralFeatureLink

Name	Kind	Class
SupplierInstance	0..1	Instance

StubState
XDE Domain

Represents an actual subvertex contained within the referenced state machine. It can serve as a source or destination of transitions that connect a state vertex in the containing state machine with a subvertex in the referenced state machine.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>StateVertex>StubState

SubClasses of StubState
    This class has no subclasses.

Properties Specific to StubState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to StubState

Name	Kind	Class
ReferencedState	0..1	StateVertex

Style
XDE Domain

Provides formatting information for View objects.

Class Hierarchy: Element>TaggedValueSet>Style

SubClasses of Style
    This class has no subclasses.

Properties Specific to Style

Properties	Inherited From
Description	TaggedValueSet
DescriptionResourceID	TaggedValueSet
DisplayName	TaggedValueSet
ElementKind	TaggedValueSet
GUID	Element
IsAppliedAutomatically	TaggedValueSet
Label	Element
Name	TaggedValueSet
NameResourceID	TaggedValueSet
Signature	
SignaturePattern	
Type	
TypeName	Element
UICategoryName	TaggedValueSet
UIHideValues	TaggedValueSet

Relationships Specific to Style

Name	Kind	Class
OriginalProfile	0..1	Profile

SubactivityState
XDE Domain

A state in an activity graph that represents the execution of a non-atomic sequence of steps that has some duration.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement> StateVertex>State>CompositeState>SubmachineState>SubactivityState

SubClasses of SubactivityState
This class has no subclasses.

Properties Specific to SubactivityState

Properties	Inherited From
Description	NamedModelElement
DynamicMultiplicity	
FullyQualifiedName	NamedModelElement
GUID	Element
IsDynamic	
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SubactivityState

Name	Kind	Class
DynamicArguments	0..1	Expression

SubmachineState
XDE Domain

A state in a state machine that is equivalent to a composite state but its contents are described by another state machine.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement> StateVertex>State>SubmachineState

SubClasses of SubmachineState
   SubactivityState

Properties Specific to SubmachineState

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SubmachineState

Name	Kind	Class
Submachine	0..1	StateMachine
Subvertices	0..n	StubState

SubShapeView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>SubShapeView

SubClasses of SubShapeView
ListCompartmentView
NameCompartmentView

Properties Specific to SubShapeView

Properties	Inherited From
BottomMargin	ContainerView
ColumnNo	
ExtentX	
ExtentY	
FactoryHint	View
Gravity	
GUID	Element
HorizontalFill	
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
RightMargin	ContainerView
RowNo	
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element
VerticalFill	

Relationships Specific to SubShapeView
This class has no relationships.

Subsystem
XDE Domain

A grouping of model elements that represent a coherent part of a physical system.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Classifier>Subsystem

SubClasses of Subsystem
    This class has no subclasses.

Properties Specific to Subsystem

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier

Properties	Inherited From
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to Subsystem

Name	Kind	Class
Actors	0..n	Actor
Artifacts	0..n	Artifact
AxItems	0..n	AxItem
Classes	0..n	Class
Enumerations	0..n	Enumeration
Instances	0..n	Instance
Interfaces	0..n	Interface
OwnedNotes	0..n	Note
OwnedTexts	0..n	Text
Packages	0..n	Package
Realizations	0..n	Realization
Signals	0..n	Signal
UseCases	0..n	UseCase

SubsystemInstance
XDE Domain

An instance of a subsystem

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Instance>SubsystemInstance

SubClasses of SubsystemInstance
   This class has no subclasses.

Properties Specific to SubsystemInstance

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsActive	Instance
IsMultiInstanced	Instance
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Instance
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SubsystemInstance
   This class has no relationships.

Support
XDE Domain

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
ElementResidence>Support

SubClasses of Support
    This class has no subclasses.

Properties Specific to Support

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	ElementResidence

Relationships Specific to Support
    This class has no relationships.

SwimmingPoolView
XDE Domain

Class Hierarchy: Element>ExtensibleElement>View>ContainerView>
PositionalGeneralView>SwimmingPoolView

SubClasses of SwimmingPoolView
This class has no subclasses.

Properties Specific to SwimmingPoolView

Properties	Inherited From
BottomMargin	ContainerView
ExtentX	PositionalGeneralView
ExtentY	PositionalGeneralView
FactoryHint	View
GUID	Element
HideAllCompartmentItems	PositionalGeneralView
IsVisible	View
Label	Element
LayoutType	ContainerView
LeftMargin	ContainerView
MarginsAreAbsolute	ContainerView
PositionX	PositionalGeneralView
PositionY	PositionalGeneralView
RightMargin	ContainerView
StereotypeName	ExtensibleElement
TopMargin	ContainerView
TypeName	Element

Relationships Specific to SwimmingPoolView
This class has no relationships.

Synchronization
XDE Domain

Visually defines forks and joins representing parallel workflow.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>Synchronization

SubClasses of Synchronization
　　This class has no subclasses.

Properties Specific to Synchronization

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Kind	
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Synchronization
　　This class has no relationships.

SynchState
XDE Domain

A vertex in a state machine used for synchronizing the concurrent regions of a state machine.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>StateVertex>SynchState

SubClasses of SynchState
This class has no subclasses.

Properties Specific to SynchState

Properties	Inherited From
Bound	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to SynchState
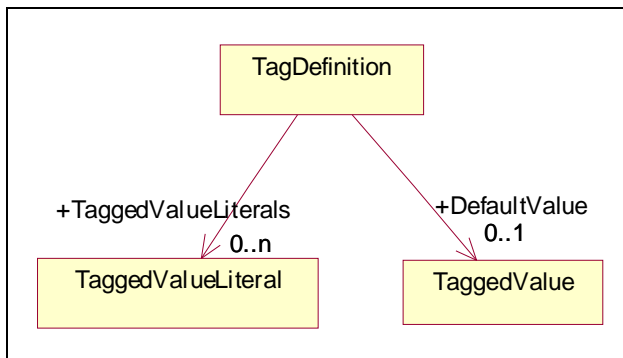This class has no relationships.

TagDefinition
XDE Domain

Provides methods and properties to create a tagged value, and to get or set the tagged value's attributes. Each TagDefinition has an associated default TaggedValue. These values can be stored in Profiles. You must first create a TagDefinition before creating a TaggedValue. TaggedValueSets own TagDefinitions.

Class Hierarchy: Element>TagDefinition

SubClasses of TagDefinition
    This class has no subclasses.

Properties Specific to TagDefinition

Properties	Inherited From
DisplayName	
GUID	Element
IsRefinable	
Label	Element
Name	
ResourceID	
TagKind	
TypeName	Element
UIHideValue	
UINameOverride	
UIPropertyPageProgId	
UIReadOnly	
UITypeOverride	

Relationships Specific to TagDefinition

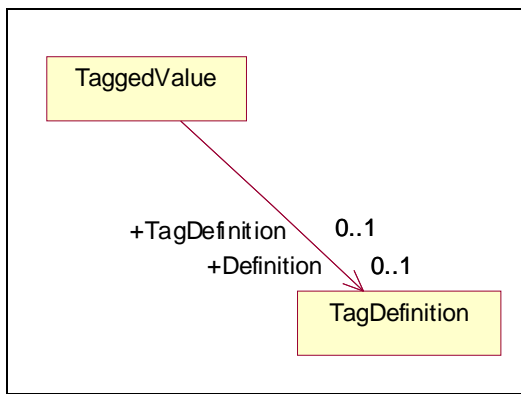| Name	Kind	Class
DefaultValue	0..1	TaggedValue
TaggedValueLiterals	0..n	TaggedValueLiteral

TaggedValue
XDE Domain

An abstract class for types of tagged values. Associates a tag name with a value, and uses the resulting object to store arbitrary information about an element. You must first create a TagDefinition before creating a TaggedValue.

TaggedValues add process-specific information such as version numbers, language information for automated tools, and other data that UML does not model. A tagged value can be attached to any individual element, including ExtensibleElements, ModelElements and View elements.

Class Hierarchy: Element>TaggedValue

SubClasses of TaggedValue
    This class has no subclasses.

Properties Specific to TaggedValue

Properties	Inherited From
DisplayName	
GUID	Element
IsADefault	
Label	Element
Name	
TypeName	Element
ValueAsString	

Relationships Specific to TaggedValue

Name	Kind	Class
Definition	0..1	TagDefinition
TagDefinition	0..1	TagDefinition

TaggedValueCategory
XDE Domain

Class Hierarchy: None

SubClasses of TaggedValueCategory
This class has no subclasses.

```
┌─────────────────────────────────────────────┐
│  ┌───────────────────────────┐               │
│  │   TaggedValueCategory     │               │
│  └───────────────────────────┘               │
│                  │                            │
│                  │                            │
│         +VisibleTaggedValues                  │
│                      0..n                     │
│                  ┌──────────────┐             │
│                  │ TaggedValue  │             │
│                  └──────────────┘             │
│                                               │
└─────────────────────────────────────────────┘
```

Properties Specific to TaggedValueCategory

Properties	Inherited From
Name	

Relationships Specific to TaggedValueCategory

Name	Kind	Class
VisibleTaggedValues	0..n	TaggedValue

TaggedValueLiteral
XDE Domain

Creates an association between a Name and a Number, and uses the resulting object to provide a value for an EnumTaggedValue or a MaskTaggedValue object.

Class Hierarchy: Element>TaggedValueLiteral

SubClasses of TaggedValueLiteral
    This class has no subclasses.

Properties Specific to TaggedValueLiteral

Properties	Inherited From
DisplayName	
GUID	Element
Label	Element
Name	
Number	
TypeName	Element

Relationships Specific to TaggedValueLiteral
    This class has no relationships.
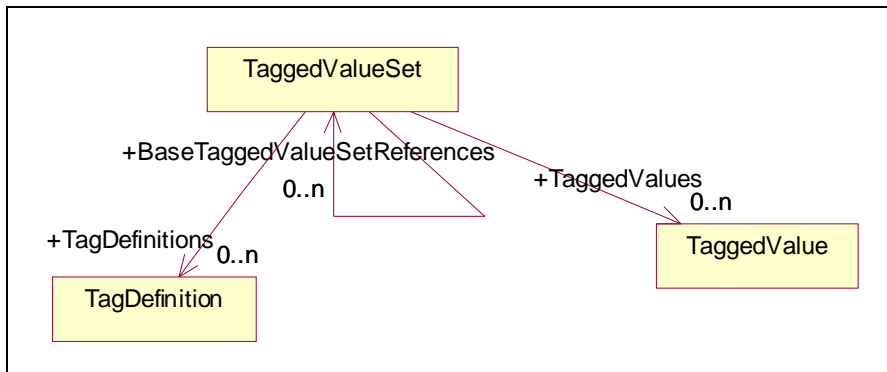
TaggedValueSet
XDE Domain

A collection of TagDefinition and TaggedValue sets. Profiles own TaggedValueSets.

Class Hierarchy: Element>TaggedValueSet

SubClasses of TaggedValueSet
>Stereotype
>Style

Properties Specific to TaggedValueSet

Properties	Inherited From
Description	
DescriptionResourceID	
DisplayName	
ElementKind	
GUID	Element
IsAppliedAutomatically	
Label	Element
Name	
NameResourceID	
TypeName	Element
UICategoryName	
UIHideValues	

Relationships Specific to TaggedValueSet

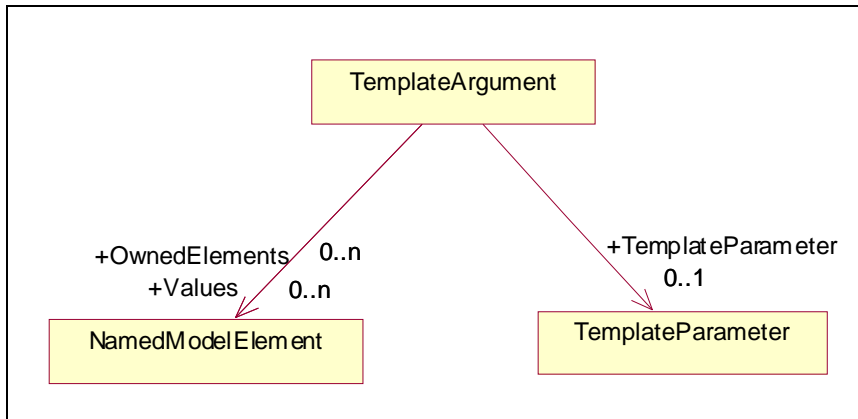| Name	Kind	Class
BaseTaggedValueSetReferences		TaggedValueSet
TagDefinitions	0..n	TagDefinition
TaggedValues	0..n	TaggedValue

TemplateArgument
XDE Domain

A TemplateArgument references the collection of values for a specific TemplateParameter in this binding of the template.

Class Hierarchy: Element>ExtensibleElement>ModelElement>TemplateArgument

SubClasses of TemplateArgument
> This class has no subclasses.

Properties Specific to TemplateArgument

Properties	Inherited From
GUID	Element
Label	Element
PseudoCollections	
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to TemplateArgument

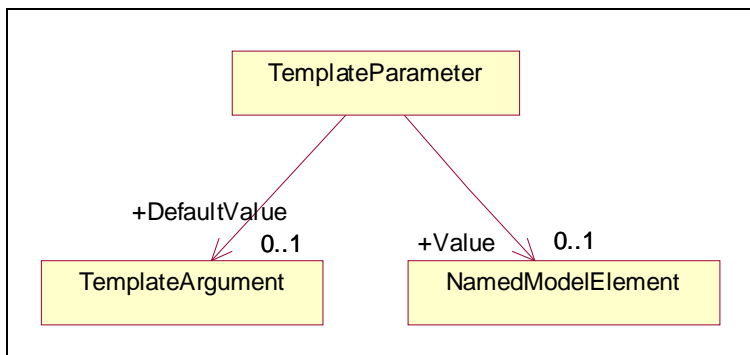| Name	Kind	Class
OwnedElements	0..n	NamedModelElement
TemplateParameter	0..1	TemplateParameter
Values	0..n	NamedModelElement

TemplateParameter
XDE Domain

Defines a relationship between a Template (a ModelElement) and its Parameter (a ModelElement).

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>TemplateParameter

SubClasses of TemplateParameter
  This class has no subclasses.

Properties Specific to TemplateParameter

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Multiplicity	
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to TemplateParameter

Name	Kind	Class
DefaultValue	0..1	TemplateArgument
Value	0..1	NamedModelElement

TerminateAction
XDE Domain

A terminate action results in self-destruction of an object. The target of a TerminateAction is implicitly the Instance executing the action, so there is no explicit target.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Action>TerminateAction

SubClasses of TerminateAction
This class has no subclasses.

Properties Specific to TerminateAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to TerminateAction
This class has no relationships.

Text
XDE Domain

Texts are free-form holders of text and other attributes that may be used for comments. They are visually distinct from Notes.

Class Hierarchy: Element>ExtensibleElement>ModelElement>NamedModelElement>Text

SubClasses of Text
   This class has no subclasses.

Properties Specific to Text

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Text
   This class has no relationships.
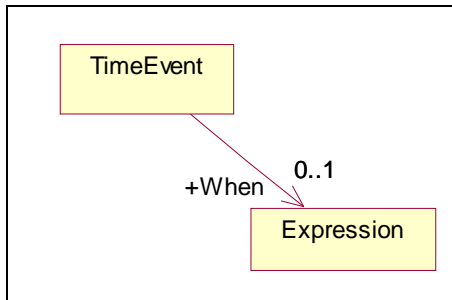
TimeEvent
XDE Domain

An event that denotes the time elapsed since the current state was entered.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Event>TimeEvent

SubClasses of TimeEvent
    This class has no subclasses.

Properties Specific to TimeEvent

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
WhenString	

Relationships Specific to TimeEvent

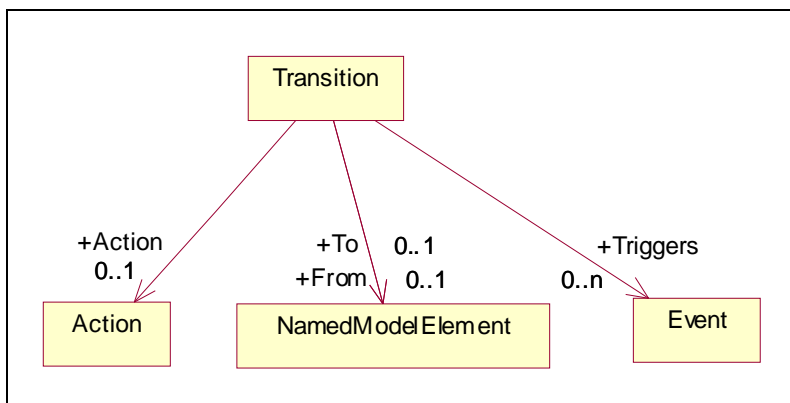| Name	Kind	Class
When	0..1	Expression

Transition
XDE Domain

A relationship between two states indicating that an object in the first state will perform certain specified actions and enter the second state when a specified event occurs and specified conditions are satisfied. On such a change of state, the transition is said to fire.

Transitions are relationships from a source StateVertex to a target StateVertex. Transitions represent the change of an entity from one State to another.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Relationship>Transition

SubClasses of Transition
>   This class has no subclasses.

Properties Specific to Transition

Properties	Inherited From
ActionString	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GuardCondition	
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Transition

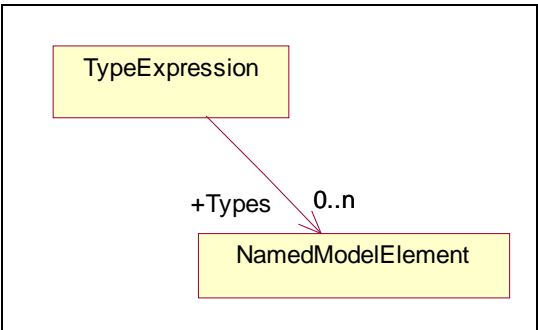| Name	Kind	Class
Action	0..1	Action
From	0..1	NamedModelElement
To	0..1	NamedModelElement
Triggers	0..n	Event

TypeExpression
XDE Domain

An expression that evaluates to a reference to one or more NamedModelElement types.

Class Hierarchy: Element>Expression>TypeExpression

SubClasses of TypeExpression
 This class has no subclasses.

```
┌─────────────────────────────────────────────┐
│   ┌─────────────────────┐                     │
│   │  TypeExpression     │                     │
│   └─────────────────────┘                     │
│              \                                 │
│               \                                │
│   +Types       0..n                            │
│   ┌─────────────────────────┐                  │
│   │  NamedModelElement      │                  │
│   └─────────────────────────┘                  │
└─────────────────────────────────────────────┘
```

Properties Specific to TypeExpression

Properties	Inherited From
ExpandedValue	Expression
GUID	Element
Label	Element
RawExpression	Expression
TypeName	Element

Relationships Specific to TypeExpression

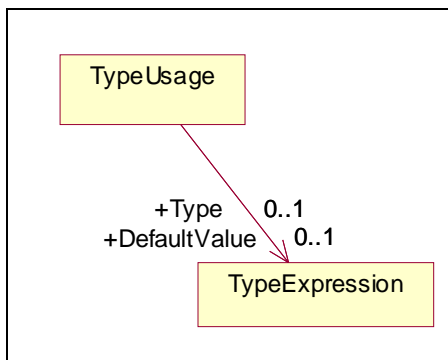| Name	Kind	Class
Types	0..n	NamedModelElement

TypeUsage
XDE Domain

An abstract class for parameters and structural features.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
TypeUsage

SubClasses of TypeUsage
>Parameter
>StructuralFeature

Properties Specific to TypeUsage

Properties	Inherited From
DefaultValueExpression	
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeExpression	
TypeName	Element

Relationships Specific to TypeUsage

Name	Kind	Class
DefaultValue	0..1	TypeExpression
Type	0..1	TypeExpression

UMLObject
XDE Domain

Represents the Object class. Objects encapsulate state and behavior.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Instance>UMLObject

SubClasses of UMLObject
   This class has no subclasses.

Properties Specific to UMLObject

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsActive	Instance
IsMultiInstanced	Instance
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Instance
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to UMLObject
   This class has no relationships.

UMLPoint
XDE Domain

Class Hierarchy: None

SubClasses of UMLPoint
> This class has no subclasses.

Properties Specific to UMLPoint

Properties	Inherited From
x	
y	

Relationships Specific to UMLPoint
> This class has no relationships.

UninterpretedAction
XDE Domain

An uninterpreted action represents an action that has no interpretation in UML. Uninterpreted actions can be used to model language-specific actions that are neither call actions nor send actions, and are not easily categorized under the other types of actions.

Class Hierarchy: Element>ExtensibleElement>ModelElement> NamedModelElement>Action>UninterpretedAction

SubClasses of UninterpretedAction
    This class has no subclasses.

Properties Specific to UninterpretedAction

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAsynchronous	Action
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
Recurrence	Action
ScriptString	Action
StereotypeName	ExtensibleElement
Target	Action
TypeName	Element

Relationships Specific to UninterpretedAction
    This class has no relationships.

URL
XDE Domain

A locator to a NamedModelElement.

Class Hierarchy: Element>Expression>URL

SubClasses of URL
   This class has no subclasses.

Properties Specific to URL

Properties	Inherited From
ExpandedValue	Expression
GUID	Element
Label	Element
RawExpression	Expression
Title	
TypeName	Element

Relationships Specific to URL
   This class has no relationships.

Usage
XDE Domain

An execution dependency in which one element (consumer) requires the presence of another element (supplier) for its correct functioning or implementation.

Class Hierarchy: Element>ExtensibleElement>ModelElement>
NamedModelElement>Relationship>SimpleRelationship>
DirectedRelationship>ConsumerSupplierRelationship>
Dependency>Usage

SubClasses of Usage
- Call
- Create
- FriendUsage
- Instantiate
- Send

Properties Specific to Usage

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsSpecification	NamedModelElement
Label	Element
Name	NamedModelElement
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to Usage
This class has no relationships.
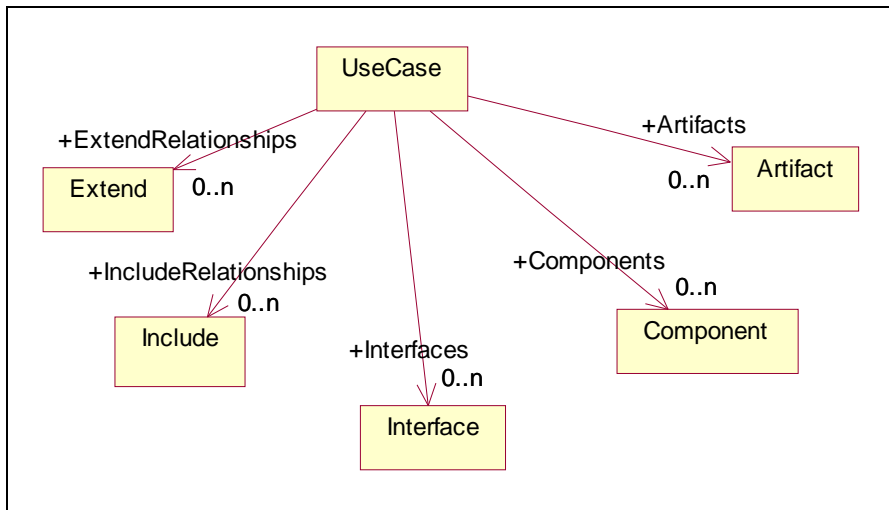
UseCase
XDE Domain

UseCases define the behavior of a system or other semantic entity without revealing the entity's internal structure. Each UseCase specifies a sequence of actions, including variants, that the entity can perform, interacting with actors of the entity.

Class Hierarchy:
Element>ExtensibleElement>ModelElement>NamedModelElement>Classifier>UseCase

SubClasses of UseCase
   This class has no subclasses.

Properties Specific to UseCase

Properties	Inherited From
Description	NamedModelElement
FullyQualifiedName	NamedModelElement
GUID	Element
IsAbstract	Classifier
IsLeaf	Classifier
IsRoot	Classifier
IsSpecification	NamedModelElement
Label	Element
Multiplicity	Classifier
Name	NamedModelElement
Persistence	Classifier
PseudoCollections	NamedModelElement
StereotypeName	ExtensibleElement
TypeName	Element
Visibility	Classifier

Relationships Specific to UseCase

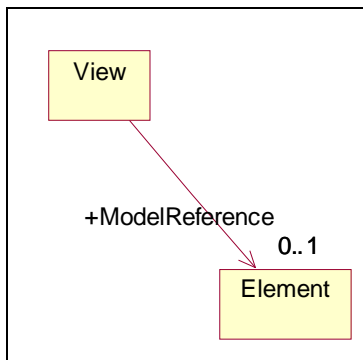| Name	Kind	Class
Artifacts	0..n	Artifact
Components	0..n	Component
ExtendRelationships	0..n	Extend
IncludeRelationships	0..n	Include
Interfaces	0..n	Interface

View
XDE Domain

Views are notational elements used to present modeling constructs in diagrams.

Class Hierarchy: Element>ExtensibleElement>View

SubClasses of View
ConnectorView
ContainerView
ListElementView

Properties Specific to View

Properties	Inherited From
FactoryHint	
GUID	Element
IsVisible	
Label	Element
StereotypeName	ExtensibleElement
TypeName	Element

Relationships Specific to View

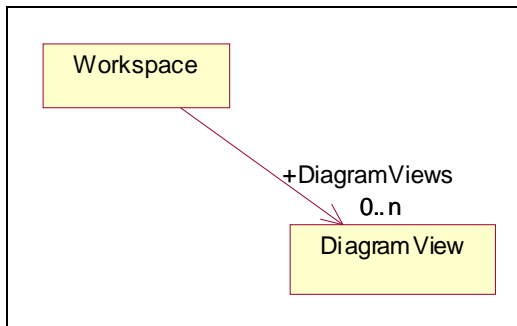| Name	Kind	Class
ModelReference	0..1	Element

Workspace
XDE Domain

A workspace is a snapshot of all currently loaded units and open diagrams.

Class Hierarchy: Element>Workspace

SubClasses of Workspace
    This class has no subclasses.

Properties Specific to Workspace

Properties	Inherited From
GUID	Element
Label	Element
TypeName	Element

Relationships Specific to Workspace

Name	Kind	Class
DiagramViews	0..n	DiagramView