

Figure 9:8 - Exchange

ExchangItem

Package: Connectivity

isAbstract: Yes

Generalization: BPMN2Metamodel::BPMNMessage

Description

An abstract grouping for elements that defines the types of elements that can be exchanged between Assets and conveyed by an Exchange.

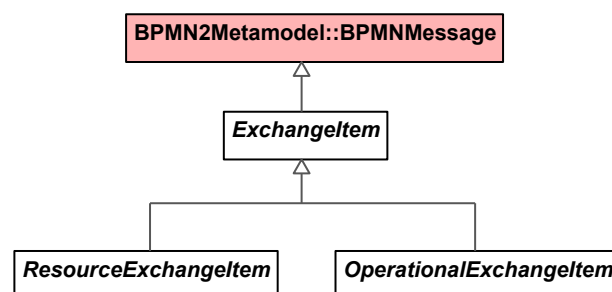


Figure 9:9 - ExchangItem

Resource

Package: Connectivity

isAbstract: Yes

Generalization: [PropertySet](#)

Description

Abstract type grouping all elements that can be conveyed by an Exchange.

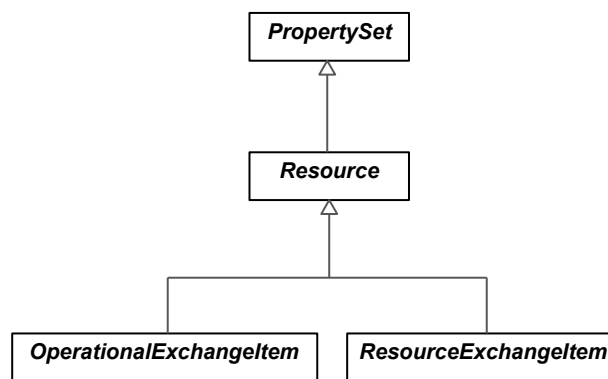


Figure 9:10 - Resource

Domain MetaModel::Metadata::Processes

ActivityPerformableUnderCondition

Package: Processes

isAbstract: No

Generalization: [MeasurableElement](#)

Description

The ActualCondition under which an Activity is performed.

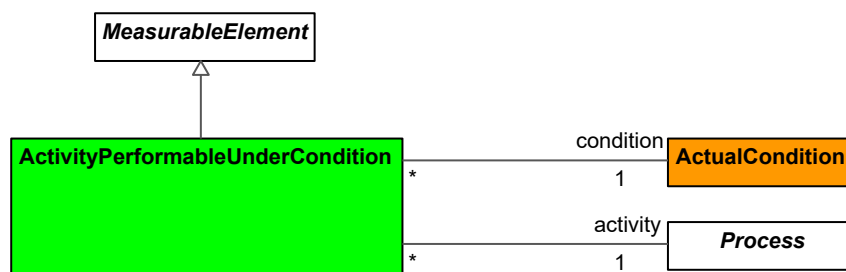


Figure 9:11 - ActivityPerformableUnderCondition

IsCapableToPerform

Package: Processes

isAbstract: No

Generalization: [MeasurableElement](#)

Description

A tuple defining the traceability between the structural elements to the Activities that they can perform.

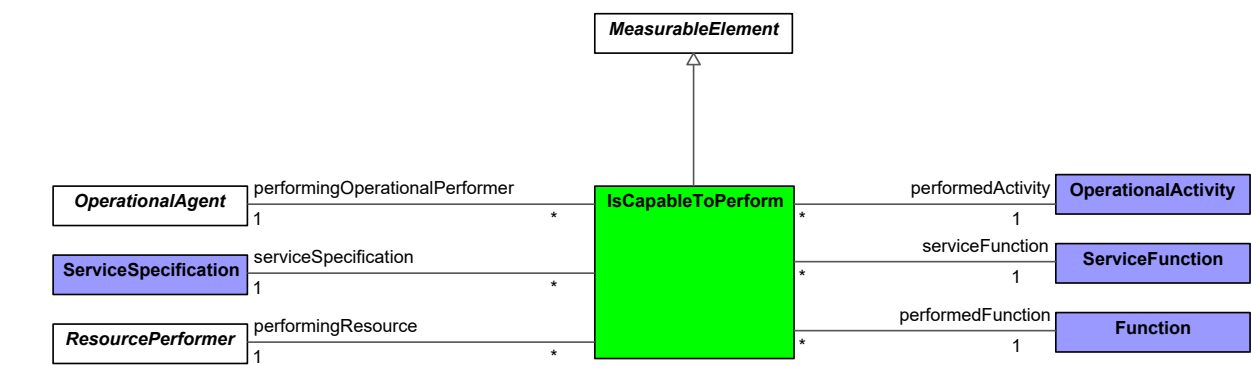


Figure 9:12 - IsCapableToPerform

PerformsInContext

Package: Processes
isAbstract: No
Generalization: [MeasurableElement](#)

Description

A tuple that relates an OperationalAction to an OperationalRole, or a FunctionAction to a ResourceRole. It indicates that the action can be carried out by the role when used in a specific context or configuration.

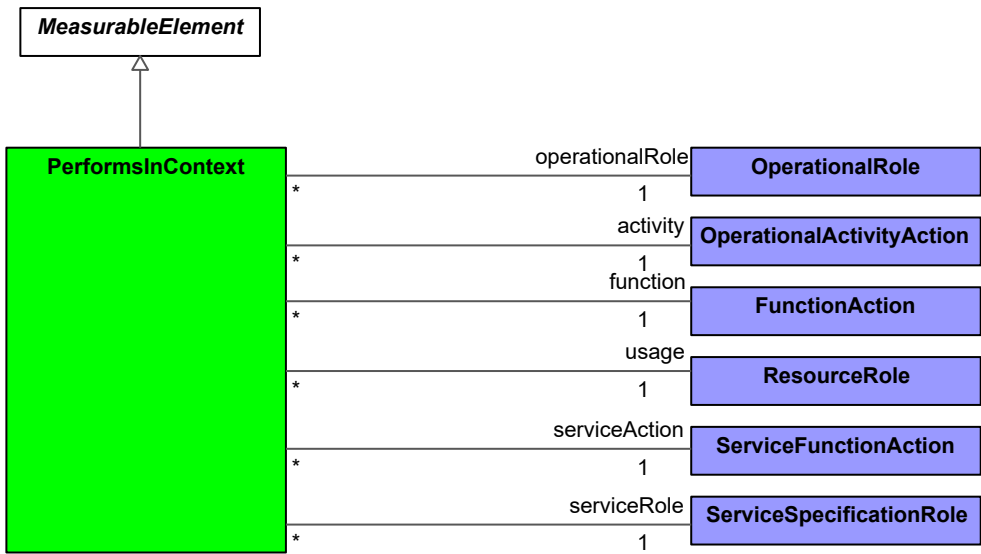


Figure 9:13 - PerformsInContext

Process

Package: Processes
isAbstract: Yes
Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, BPMN2Metamodel::Process

Description

An abstract type that represents a behavior or process (i.e., a Function or OperationalActivity) that can be performed by a Performer.

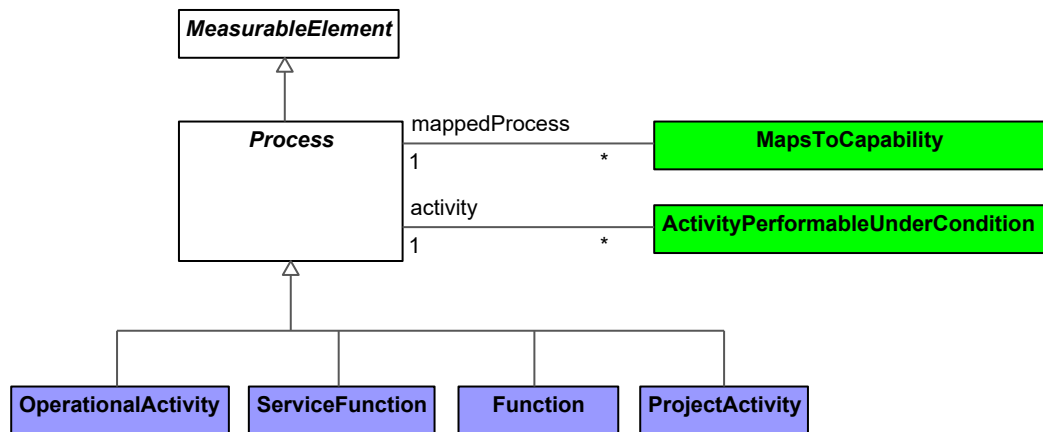


Figure 9:14 - Process

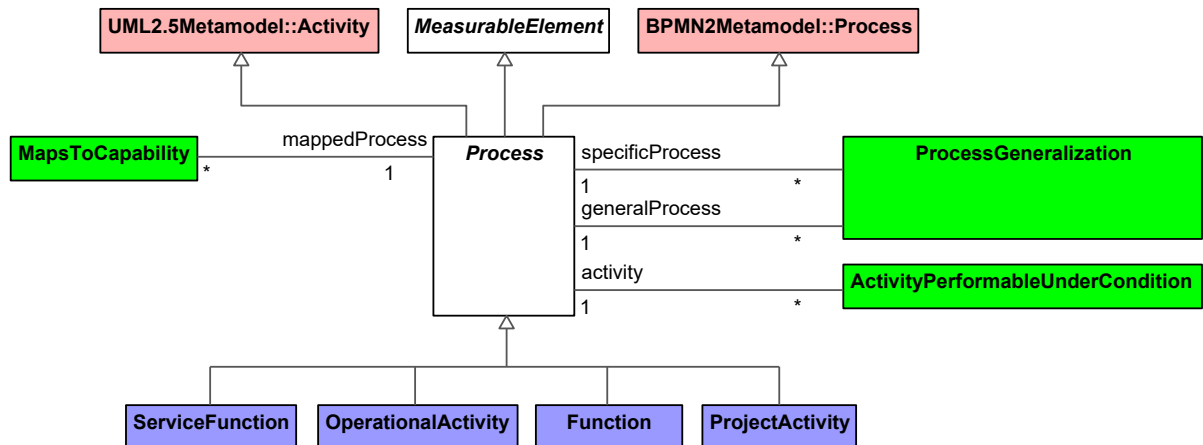


Figure 9:15 - Process

ProcessEdge

Package: Processes

isAbstract: Yes

Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, UML2.5Metamodel::ActivityEdge, BPMN2Metamodel::SequenceFlow

Description

An abstract type that represents a behavior or process (i.e., a Function or OperationalActivity) that can be performed by a Performer.

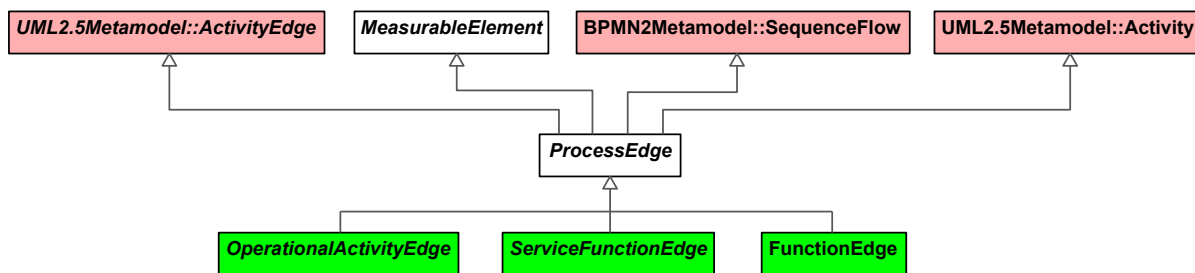


Figure 9:16 - ProcessEdge

ProcessOperation

Package: Processes

isAbstract: Yes

Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, UML2.5Metamodel::Operation

Description

An abstract type that represents a behavior or process (i.e., a Function or OperationalActivity) that can be performed by a Performer.

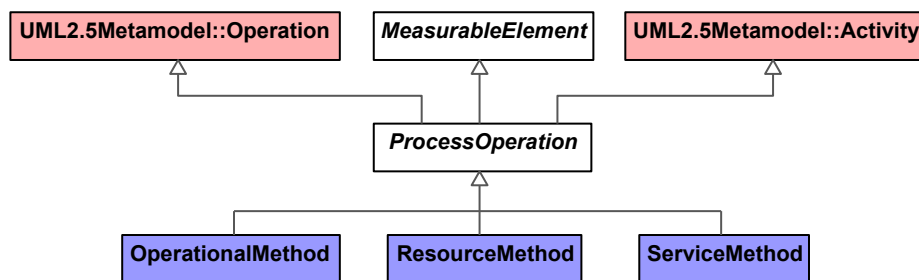


Figure 9:17 - ProcessOperation

ProcessParameter

Package: Processes

isAbstract: Yes

Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, UML2.5Metamodel::CallBehaviorAction, UML2.5Metamodel::Parameter

Description

An abstract type that represents a behavior or process (i.e., a Function or OperationalActivity) that can be performed by a Performer.

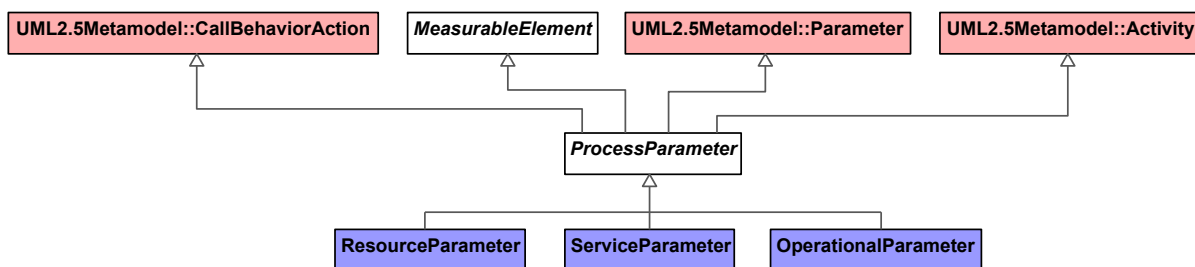


Figure 9:18 - ProcessParameter

ProcessUsage

Package: Processes

isAbstract: Yes

Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, UML2.5Metamodel::CallBehaviorAction, BPMN2Metamodel::CallActivity

Description

An abstract type that represents a behavior or process (i.e., a Function or OperationalActivity) that can be performed by a Performer.

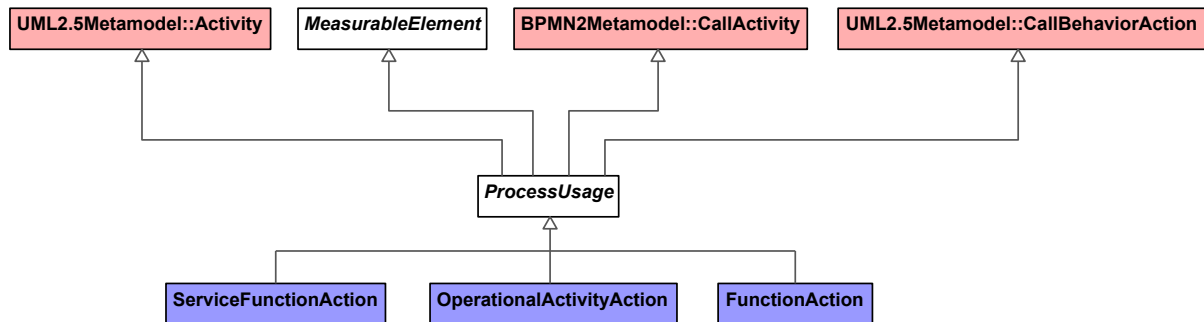


Figure 9:19 - ProcessUsage

Domain MetaModel::Metadata::States

StateDescription

Package: States

isAbstract: Yes

Generalization: UML2.5Metamodel::StateMachine

Description

An abstract type that represents a state machine (i.e., an OperationalStateDescription or ResourceStateDescription), depicting how the Asset responds to various events and the actions.

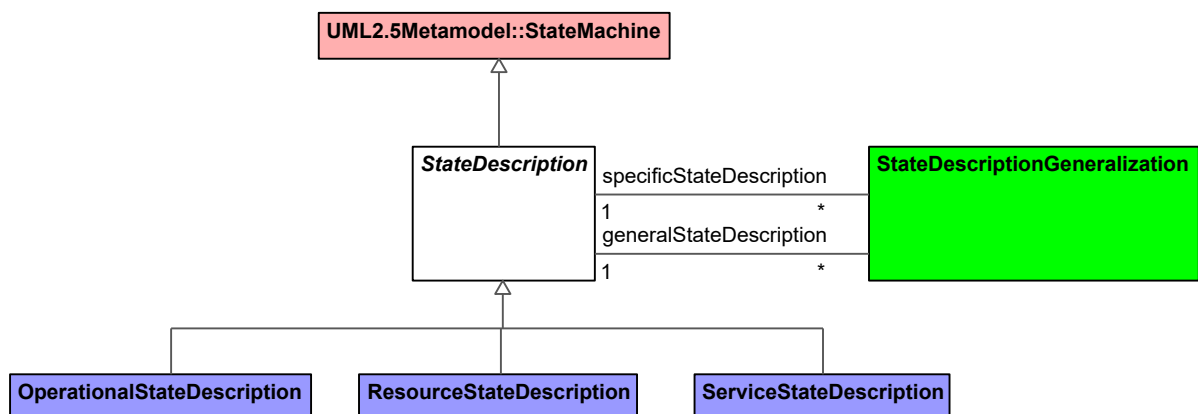


Figure 9:20 - StateDescription

Domain MetaModel::Metadata::Interaction Scenarios

InteractionMessage

Package: Interaction Scenarios

isAbstract: Yes

Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, BPMN2Metamodel::Process, UML2.5Metamodel::Interaction, UML2.5Metamodel::Message

Description

An abstract type that groups several types of messages used in the InteractionScenario.

InteractionRole

Package: Interaction Scenarios

isAbstract: Yes

Generalization: BPMN2Metamodel::ResourceRole

Description

An abstract type that represents an individual participant in the InteractionScenario.

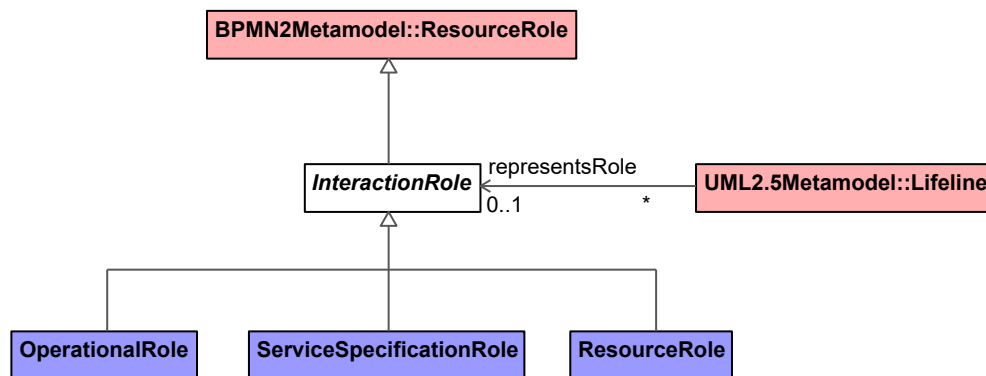


Figure 9:21 - InteractionRole

InteractionScenario

Package: Interaction Scenarios

isAbstract: Yes

Generalization: [MeasurableElement](#), UML2.5Metamodel::Activity, BPMN2Metamodel::Process, UML2.5Metamodel::Interaction

Description

An abstract type that specifies interactions between Assets, like ResourcePerformers, and ServiceSpecifications.

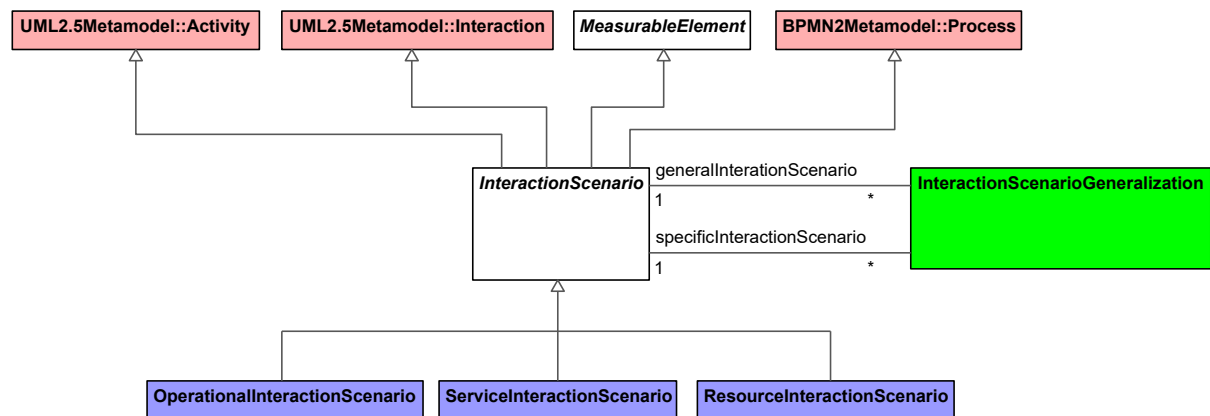


Figure 9:22 - InteractionScenario

Domain MetaModel::Metadata::Information

Information

Package: Information

isAbstract: No

Generalization: [MeasurableElement](#)

Description

A comment that describes the state of an item of interest in any medium or form -- and is communicated or received.

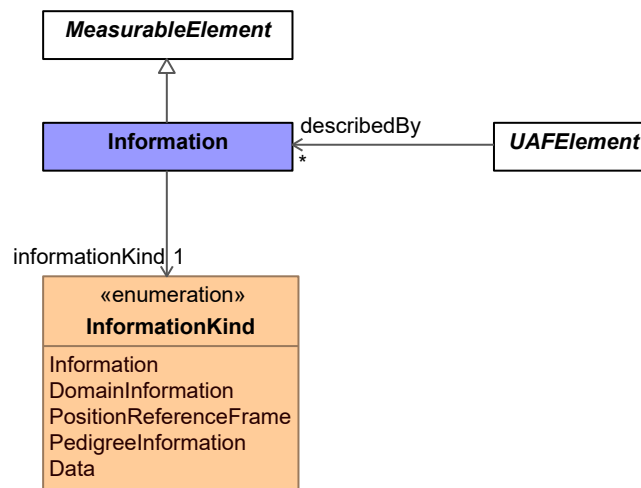


Figure 9:23 - Information

Domain MetaModel::Metadata::Constraints

Rule

Package: Constraints

isAbstract: Yes

Generalization: [MeasurableElement](#)

Description

An abstract type for all types of constraint (i.e., an OperationalConstraint could detail the rules of accountancy best practice).

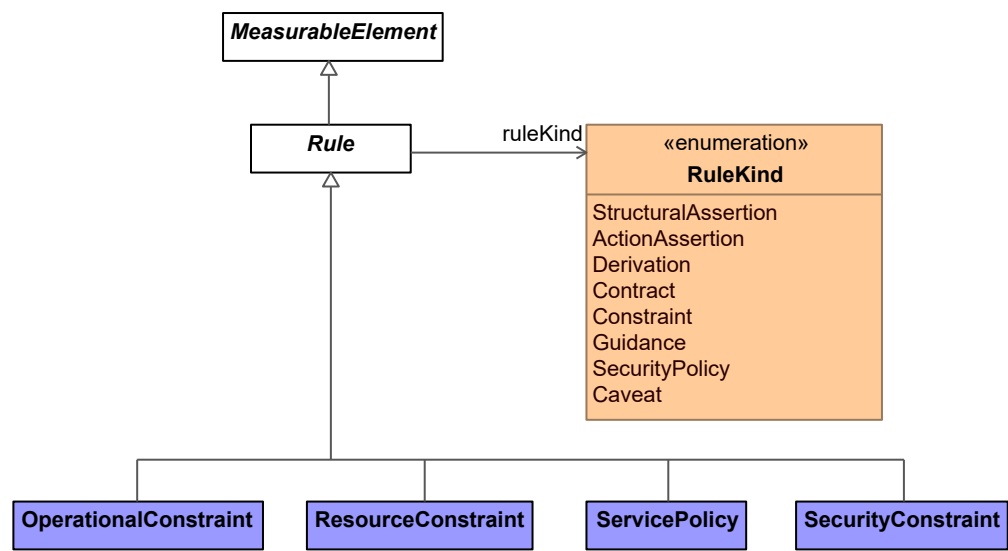


Figure 9:24 - Rule

Domain MetaModel::Metadata::Traceability

ArchitecturalReference

Package: Traceability

isAbstract: No

Generalization: [MeasurableElement](#)

Description

A tuple that specifies that one architectural description refers to another.

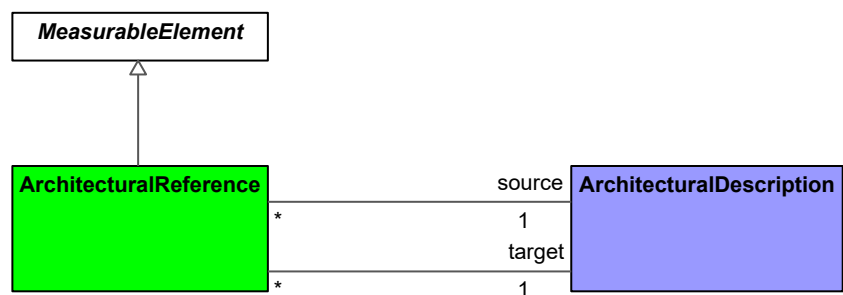


Figure 9:25 - ArchitecturalReference

Implements

Package: Traceability

isAbstract: No

Generalization: [MeasurableElement](#)

Description

A tuple that defines how an element in the upper layer of abstraction is implemented by a semantically equivalent element (for example tracing the Functions to the OperationalActivities) in the lower level of abstraction.

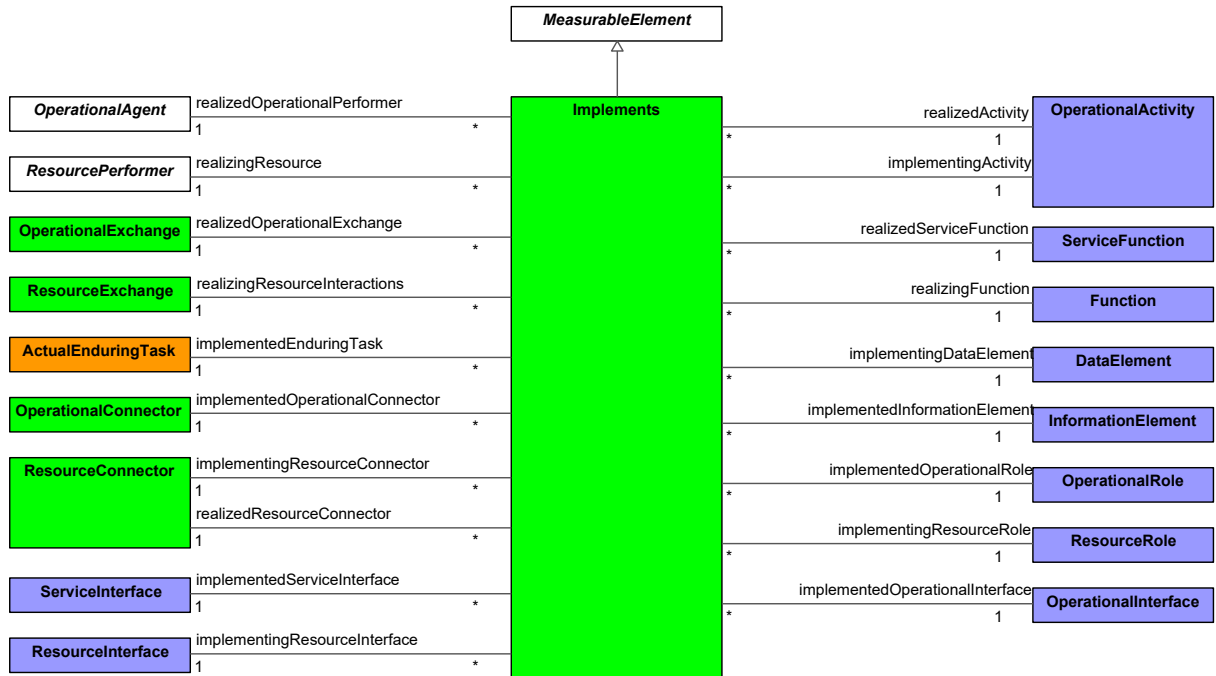


Figure 9:26 - Implements

9.1.2 Domain MetaModel::Strategic

Domain MetaModel::Strategic::Taxonomy

Capability

Package: Taxonomy

isAbstract: No

Generalization: [PropertySet](#), [Desirer](#)

Description

A high-level specification of the enterprise's ability to execute a specified course of action.

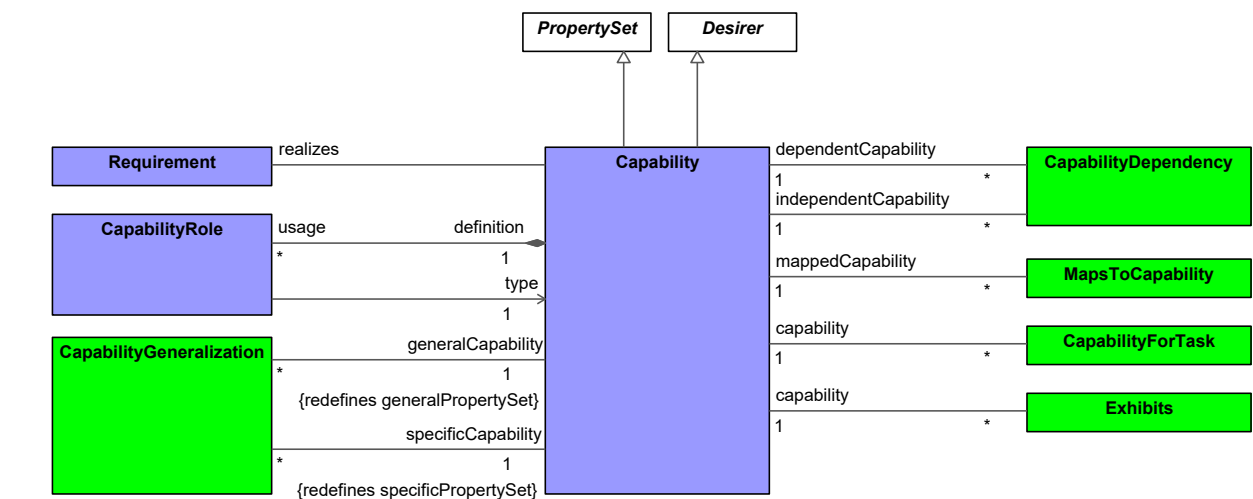


Figure 9:27 - Capability

CapabilityGeneralization

Package: Taxonomy
isAbstract: No
Generalization: [PropertySetGeneralization](#)

Description

A CapabilityGeneralization is a taxonomic relationship between a more general Capability and a more specific Capability.



Figure 9:28 - CapabilityGeneralization

Domain MetaModel::Strategic::Structure

ActualEnduringTask

Package: Structure
isAbstract: No
Generalization: [CapableElement](#), [ActualPropertySet](#)

Description

An actual undertaking recognized by an enterprise as being essential to achieving its goals - i.e., a strategic specification of what the enterprise does.