

provide the semantic for understanding the ArgumentGroup. ArgumentGroups serve no structural purpose in the formation of the argument network, nor are they meant as a structural packaging mechanism (this should be done using ArgumentPackages).

11.3 ArgumentationElement (abstract)

An ArgumentationElement is the top level element of the hierarchy for argumentation elements. ArgumentationElement extends Base::ArtifactElement. Subsequently, all argument elements are considered artifacts.

Superclass

Base::ArtifactElement

Semantics

The ArgumentationElement is a common class for all elements within a structured argument.

11.4 ArgumentPackage Class

ArgumentPackage is the containing element for a structured argument represented using the SACM Argumentation Metamodel.

Superclass

ArgumentationElement

Associations

argumentationElement:ArgumentationElement[0..*] (composition) – a collection of ArgumentationElements forming a structured argument

Semantics

ArgumentPackages contain structured arguments. These arguments are composed of ArgumentAssets. ArgumentPackages elements can also be nested.

Concrete Syntax

The concrete syntax for ArgumentPackage is defined in Figure 11.2.

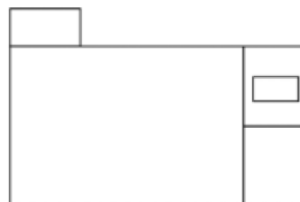


Figure 11.2 - Concrete Syntax for ArgumentPackage

Constraints

If an ArgumentPackage has nested ArgumentPackages, then it is only allowed to contain ArgumentPackages..

11.5 ArgumentPackageBinding

ArgumentElement within the ArgumentPackage can be bound together by means of ArgumentPackageBinding. ArgumentPackageBinding bind the participant packages by means of argument elements that connect the cited elements of the participant packages.

Superclass

ArgumentPackage

Associations

participantPackage:ArgumentPackageInterface[2..*] - the ArgumentPackages being mapped together by the ArgumentPackageBinding.

Semantics

ArgumentPackageBindings can be used to map resolved dependencies between the Claims of two or more ArgumentPackages.

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