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.

![Concrete Syntax for ArgumentPackage](image)

**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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