**Constraints**

ArgumentPackageInterfaces are only allowed with isCitation=true and +citedElement refer to ArgumentAssets within the ArgumentPackage implementation referred to by implements.

### 11.7 ArgumentAsset (abstract)

ArgumentAsset is the abstract base element for the elements of any structured argument represented in SACM.

**Superclass**
ArgumentationElement

**Associations**

c:Base::MultiLangString[0..1] (composition) – the content of the ArgumentAsset defined in possibly multiple languages

**Semantics**

ArgumentAssets represent the constituent building blocks of any structured argument contained in an ArgumentPackage.

For example, ArgumentAssets can represent the Claims made within a structured argument contained in an ArgumentPackage.

### 11.8 AssertionDeclaration (Enumeration)

AssertionDeclaration provides a list of declarations which can be used to declare the state of an Assertion.

**Superclass**
N/A

**Enumerations**

<table>
<thead>
<tr>
<th>Literal</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>asserted</td>
<td>the default enumeration literal, indicating that an Assertion is asserted.</td>
</tr>
<tr>
<td>needsSupport</td>
<td>a flag indicating that further argumentation has yet to be provided to support the Assertion.</td>
</tr>
<tr>
<td>assumed</td>
<td>a flag indicating that the Assertion being made is declared by the author as being assumed to be true rather than being supported by further argumentation.</td>
</tr>
<tr>
<td>axiomatic</td>
<td>a flag indicating that the Assertion being made by the author is axiomatically true, so that no further argumentation is needed.</td>
</tr>
<tr>
<td>defeated</td>
<td>a flag indicating that the Assertion is defeated by counter-evidence and/or argumentation.</td>
</tr>
<tr>
<td>asCited</td>
<td>a flag indicating that because the Assertion is cited, the AssertionDeclaration should be transitively derived from the value of the AssertionDeclaration of the cited Assertion.</td>
</tr>
</tbody>
</table>

**Semantics**

AssertionDeclaration provides a list of declarations which indicate the state of an Assertion.

### 11.9 ArtifactReference

ArtifactReference enables the citation of an artifact as information that relates to the structured argument.

**Superclass**
ArgumentAsset

**Associations**

Structured Assurance Case Metamodel, v2.1