

common elements defined in the Common and Predefined diagrams of the SACM. The top object of the Argumentation package as a unit of interchange shall be the Argumentation::ArgumentPackage element of the SACM.

Conformance to the Argumentation Model compliance point does not entail support for the Evidence subpackage of SACM, or the terminology sub package of the SACM.

This compliance point facilitates interchange of the structured argumentation documents produced by existing tools supporting existing structured argument notations such as the Goal Structuring Notation (GSN) and the Claims-Arguments-Evidence (CAE) notation which provide their own mapping onto SACM argumentation aspects. Further details of these mappings are given in Annex A.

## 2.3 Artifact Model Compliance Point

Software that conforms to the specification at the Artifact Model compliance point shall be able to import and export XMI documents that conform with the SACM XML Schema produced by applying XMI rules to the normative MOF metamodel defined in this Artifact subpackage of the SACM specification, including the common elements defined in the Common and Predefined diagrams of the SACM. The top object of the Evidence package as a unit of interchange shall be the ~~ArtifactModel::~~ArtifactPackage element of the SACM.

Conformance to the Artifact Model compliance point does not entail support for the Argumentation subpackage of SACM, or the terminology diagram of the SACM. This compliance point facilitates interchange of the packages of evidence. In particular, this compliance point facilitates development of evidence repositories in support of software assurance and regulatory compliance.

## 2.4 Assurance Case Model Compliance Point

This compliance point is mandatory. Software that conforms to the specification at the Assurance Case Model compliance point shall be able to import and export XMI documents that conform with the SACM XML Schema produced by applying XMI rules to the normative MOF metamodel defined in this entire specification. The top object of the Assurance Case package as a unit of interchange shall be the SACM::AssuranceCasePackage element.

The Conformance clause identifies which clauses of the specification are mandatory (or conditionally mandatory) and which are optional in order for an implementation to claim conformance to the specification.

## 2.5 Terminology Model Compliance Point

Software that conforms to the specification at the Terminology Model compliance point shall be able to import and export XMI documents that conform with the SACM XML Schema produced by applying XMI rules to the normative MOF metamodel defined in this entire specification. The top object of the Terminology package as a unit of interchange shall be the SACM::AssuranceCasePackage element.

The Conformance clause identifies which clauses of the specification are mandatory (or conditionally mandatory) and which are optional in order for an implementation to claim conformance to the specification.

# 3 References

## 3.1 Normative References

The following normative documents contain provisions which, through reference in this text, constitute provisions of this specification. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply.

- ISO/IEC 15026-1:2013 Systems and software engineering - Systems and software assurance - Part 1: Concepts and vocabulary, 2013. <[http://www.iso.org/iso/catalogue\\_detail.htm?csnumber=62526](http://www.iso.org/iso/catalogue_detail.htm?csnumber=62526)>