8  Structured Assurance Case Base Classes

8.1  General

This chapter presents the normative specification for the SACM Base Metamodel. It begins with an overview of the metamodel structure followed by a description of each element.

![Overall SACM Class Diagram](image)

The Structured Assurance Case Base Classes express the foundational concepts and relationships of the base elements of the SACM metamodel and are utilized, through inheritance, by the bulk of the rest of the Structured Assurance Case Metamodel.

8.2  SACMEElement (abstract)

SACMEElement is the base class for SACM.

**Superclass**

MOF:Element

**Attributes**

- gid: String[0..1] – a unique identifier that is unique within the scope of the model instance
- isCitation[1]=false – a flag to indicate whether the SACMEElement cites another SACMEElement.
- isAbstract[1]=false – a flag to indicate whether the SACMEElement is considered to be abstract. For example, this can be used to indicate whether an element is part of a pattern or template.