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.
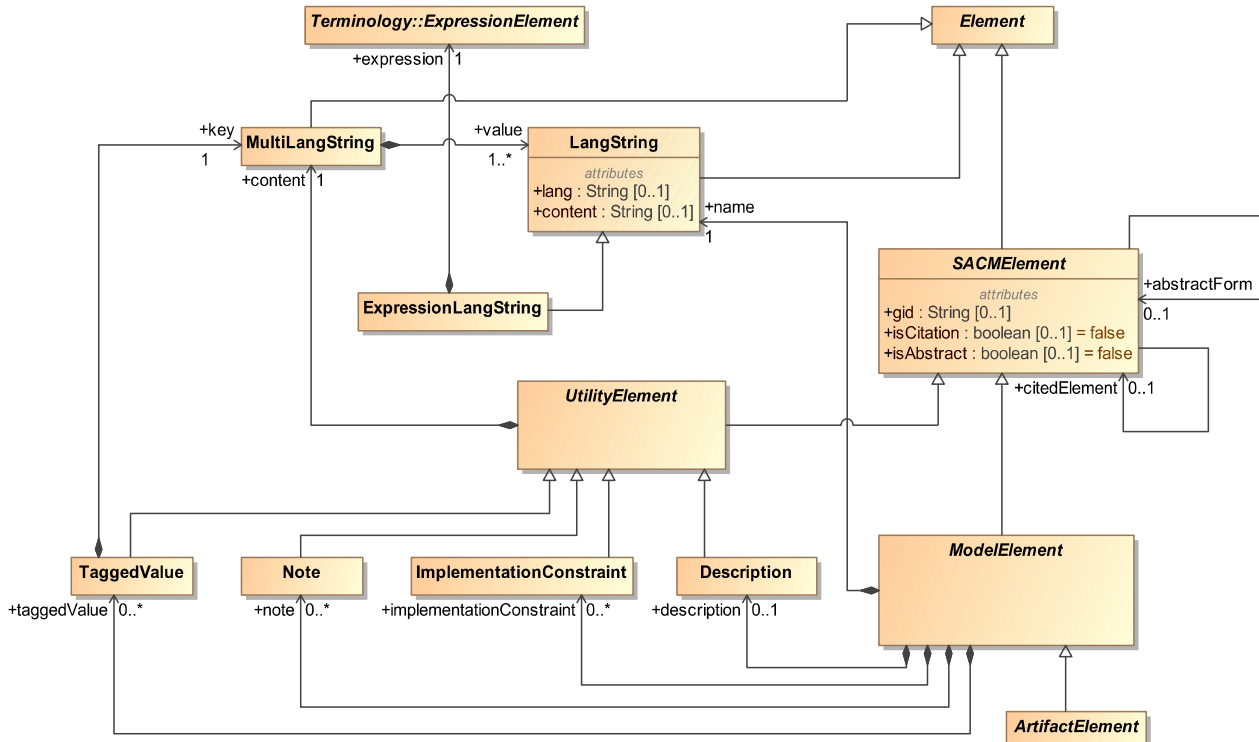

Figure 8.1 - Overall SACM Class Diagram

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 SACMElement (abstract)

SACMElement 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 SACMElement cites another SACMElement.

isAbstract[1]=false – a flag to indicate whether the SACMElement is considered to be abstract. For example, this can be used to indicate whether an element is part of a pattern or template.