

# 9 Structured Assurance Case Base Classes

## 9.1 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.

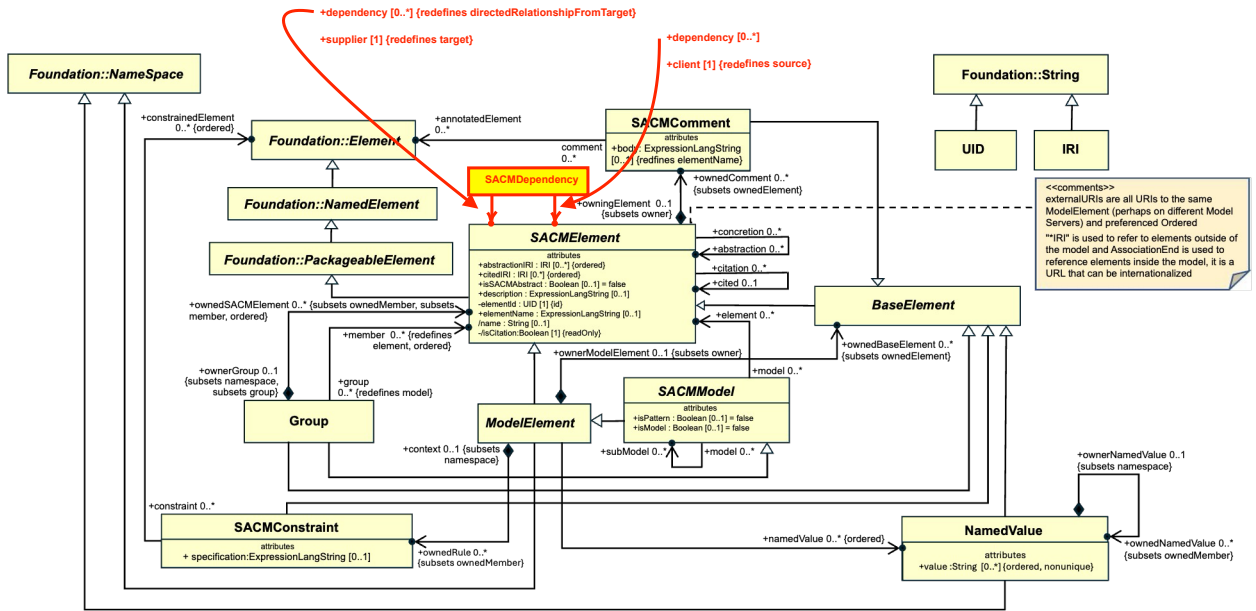


Figure 9.1 - Structured Assurance Case Base Classes Diagram

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.

### 9.13 SACMDependency

SACMDependency provides a dependency relationship between two SACMElements. The source of the dependency is called the client and the target is the supplier. The base semantics of the relationship is that if the supplier changes, the client may need to change.

#### **Superclass**

Foundation::DirectedRelationship

#### **AssociationEnds**

supplier:SACMElement [1] {redefines target}

client:SACMElement [1] {redefines source}