

Semantics

ArtifactElement corresponds to the base class for specifying all the identifiable units of data modelled and managed in a structured assurance case effort.

9 ~~8.11~~ 8 SACMCom **Note**

This class specifies a generic note that may be associated with ~~a ModelElement~~ ^{an} ModelElement. For example a note may include a number of explanatory comments.

Superclass
~~SACMCoreElement~~
UtilityElement

Attributes
body:ExpressionLangString[0..1]
AssociationEnds

Semantics
SACMCom

~~Notes~~ are used to specify additional (typically optional) generic, unstructured, untyped information about a ModelElement. An example of this kind of information could be a comment about a ModelElement.

9 ~~8.12~~ 9 NamedV **TaggedValue**

This class represents ~~a simple key/value pair~~ ^{an} simple key/value pair that can be attached to any element in SACM. This is a simple extension mechanism to allow users to add attributes to each element beyond those already specified in SACM.

Superclass
BaseElement
~~UtilityElement~~

Attributes
value :String [0..*] {ordered,

Associations

~~key:MultiLangString[1] (composition) – the key of the TaggedValue.~~

Semantics

NamedV

~~TaggedValues~~ can be used to specify attributes, and their corresponding values, for ModelElements.

9.10 Group

Group can be used to associate a number of SACMElements to a common group (e.g., representing a common type or purpose, or being of interest to a particular stakeholder).

Supertype BaseElement
~~SACMElement~~

Association End

element: SACMElement [0..*] {ordered} – a collection of SACMElements that comprise a group

9.10 IRI

IRI is a international resource identifier is a String and is formatted according to RFC 3987.

Supertype
String