8.5 **MultiLangString**

MultiLangString, as its name suggests, provides a means to describe things using different languages.

**Superclass**
Element

**Associations**
value:LangString[1..*] (composition) – contains the descriptions which bear the same meaning but in different languages

**Semantics**
MultiLangString provides a means to describing things using different languages. It contains a list of LangString, which the user can specify their languages and the descriptions in the languages.

**Constraints**
For each of the LangString in the value property, their +lang must be unique.

8.6 **ModelElement (abstract)**

ModelElement is the base element for the majority of modeling elements.

**Superclass**
SACMElement

**Associations**
name:LangString[1] (composition) – the name of the ModelElement.
implementationConstraint: ImplementationConstraint [0..*] (composition) – a collection of implementation constraints.
description: Description[0..1] (composition) – the description of the ModelElement.
note:Note[0..*] (composition) – a collection of notes for the ModelElement.
taggedValue: TaggedValue [0..*] (composition) – a collection of TaggedValues, TaggedValues can be used to describe additional features of a ModelElement

**Semantics**
All the individual and identifiable elements of a SACM model correspond to a ModelElement.

**Constraints**
ImplementationConstraints should only be specified if +isAbstract is true OCL: self.implmentationConstraint->size() > 0
implies self.isAbstract = true

8.7 **UtilityElement (abstract)**

UtilityElement is the base element for a number of auxiliary elements which can be added to ModelElements.

**Superclass**
SACMElement

**Associations**
content:MultiLangString[0..1] (composition) – a MultiLangString to describe the content of the UtilityElement in (possibly) multiple languages

**Semantics**
UtilityElement supports the specification of additional information for a ModelElement.