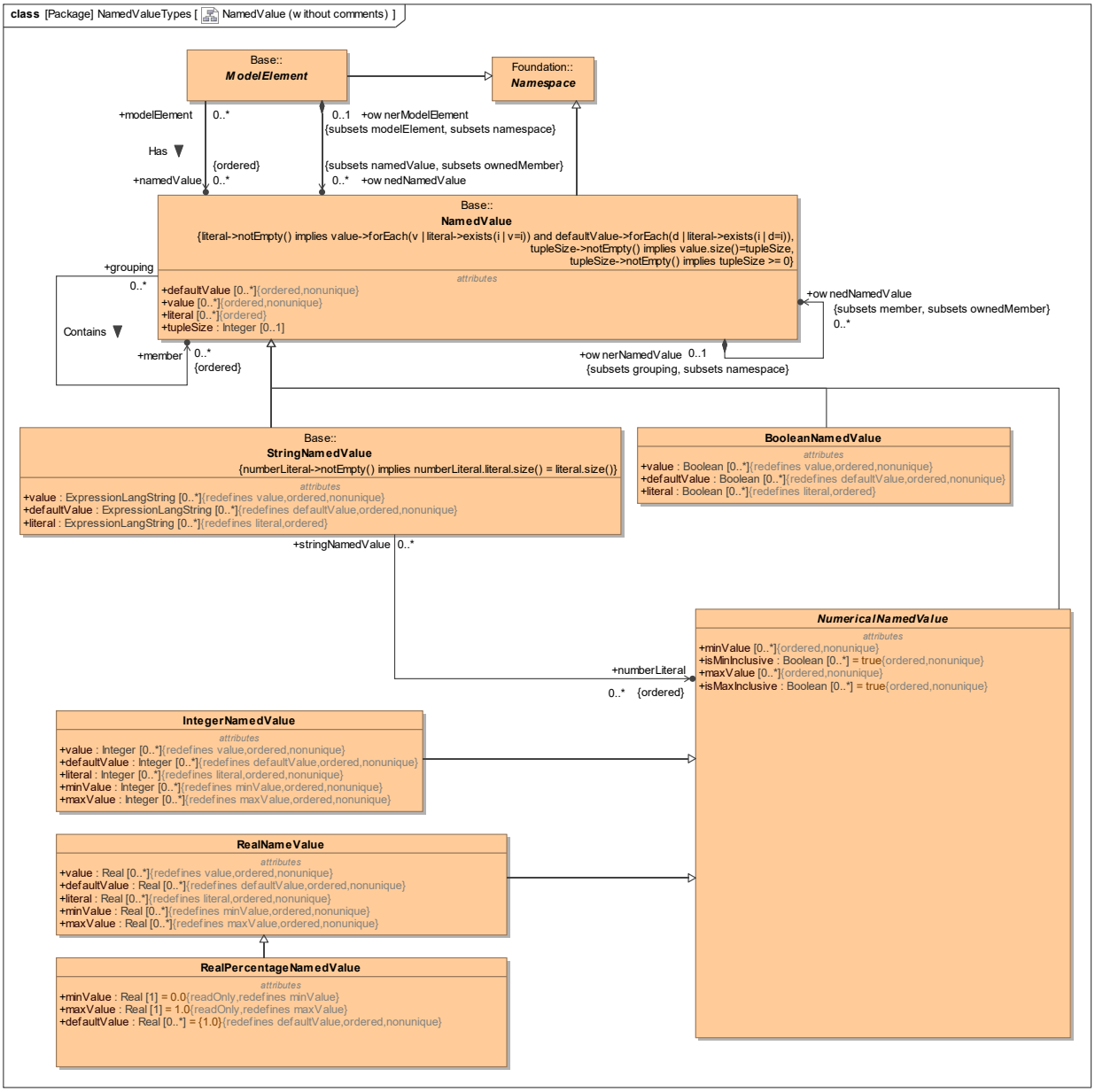
class [Package] NamedValueTypes [NamedValue (without comments)]
Base::
ModelElement
Foundation::
Namespace
+modelElement
0..*
0..1 +owner ModelElement
{subsets modelElement, subsets namespace}
Has
{ordered}
{subsets namedValue, subsets ownedMember}
+namedValue
0..*
0..* +owned NamedValue
Base::
NamedValue
{literal->notEmpty() implies value->forEach(v | literal->exists(i | v=i)) and defaultValue->forEach(d | literal->exists(i | d=i)),
tupleSize->notEmpty() implies value.size()=tupleSize,
tupleSize->notEmpty() implies tupleSize >= 0}
attributes
+defaultValue [0..*]{ordered,nonunique}
+value [0..*]{ordered,nonunique}
+literal [0..*]{ordered}
+tupleSize : Integer [0..1]
+grouping
0..*
Contains
+member
0..*
{ordered}
+owned NamedValue
{subsets member, subsets ownedMember}
0..*
+owner NamedValue 0..1
{subsets grouping, subsets namespace}
Base::
StringNamedValue
{numberLiteral->notEmpty() implies numberLiteral.literal.size() = literal.size()}
attributes
+value : ExpressionLangString [0..*]{redefines value,ordered,nonunique}
+defaultValue : ExpressionLangString [0..*]{redefines defaultValue,ordered,nonunique}
+literal : ExpressionLangString [0..*]{redefines literal,ordered}
BooleanNamedValue
attributes
+value : Boolean [0..*]{redefines value,ordered,nonunique}
+defaultValue : Boolean [0..*]{redefines defaultValue,ordered,nonunique}
+literal : Boolean [0..*]{redefines literal,ordered}
+stringNamedValue 0..*
NumericalNamedValue
attributes
+minValue [0..*]{ordered,nonunique}
+isMinInclusive : Boolean [0..*] = true{ordered,nonunique}
+maxValue [0..*]{ordered,nonunique}
+isMaxInclusive : Boolean [0..*] = true{ordered,nonunique}
+numberLiteral
0..* {ordered}
IntegerNamedValue
attributes
+value : Integer [0..*]{redefines value,ordered,nonunique}
+defaultValue : Integer [0..*]{redefines defaultValue,ordered,nonunique}
+literal : Integer [0..*]{redefines literal,ordered,nonunique}
+minValue : Integer [0..*]{redefines minValue,ordered,nonunique}
+maxValue : Integer [0..*]{redefines maxValue,ordered,nonunique}
RealNameValue
attributes
+value : Real [0..*]{redefines value,ordered,nonunique}
+defaultValue : Real [0..*]{redefines defaultValue,ordered,nonunique}
+literal : Real [0..*]{redefines literal,ordered,nonunique}
+minValue : Real [0..*]{redefines minValue,ordered,nonunique}
+maxValue : Real [0..*]{redefines maxValue,ordered,nonunique}
RealPercentageNamedValue
attributes
+minValue : Real [1] = 0.0{readOnly,redefines minValue}
+maxValue : Real [1] = 1.0{readOnly,redefines maxValue}
+defaultValue : Real [0..*] = {1.0}{redefines defaultValue,ordered,nonunique}