contains +contained
0..n

QoS_Modelelement
+ name : String

0..n
references +referenced

QoS_Category

QoS_Profile

QoS_Statement

QoS_Characteristic

-- WFR: uniqueness of contents, also says that overloading is possible
inv:contained->union (referenced)->forAll (m1, m2 : QoS_ModelElement |
    ((m1.name = m2.name) and (m1 <> m2)) implies
    (
      ((m1.oclIsKindOf (QoS_Statement) and m2.oclIsKindOf (QoS_Statement)) and
      nonConformantParameterLists (m1.oclAsType (QoS_Statement).formalParameter,
                                m2.oclAsType (QoS_Statement).formalParameter)
) or
     ((m1.oclIsKindOf (QoS_Characteristic) and m2.oclIsKindOf (QoS_Characteristic)) and
      nonConformantParameterLists (m1.oclAsType (QoS_Characteristic).formalParameter,
                                m2.oclAsType (QoS_Characteristic).formalParameter)
)
)
)