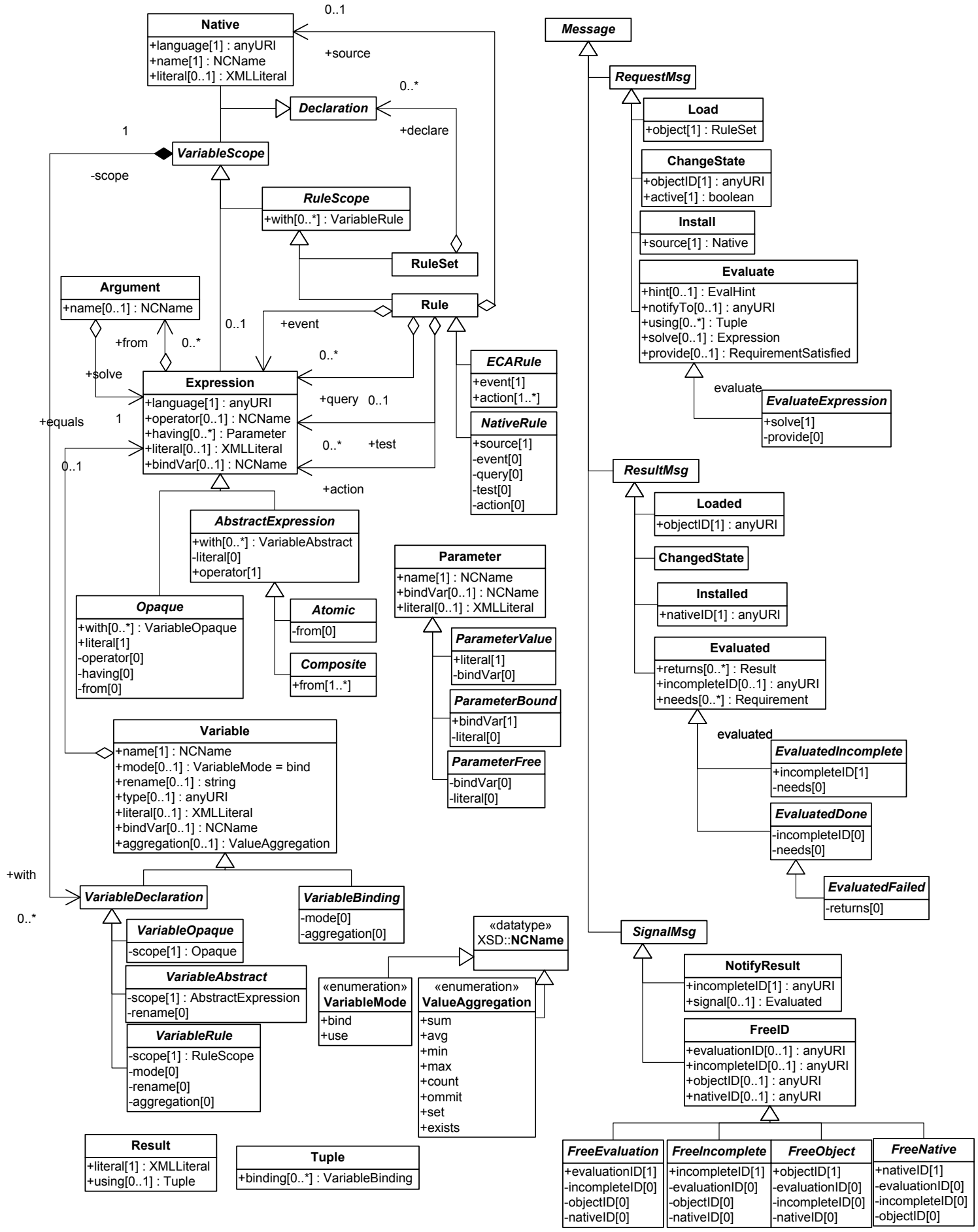
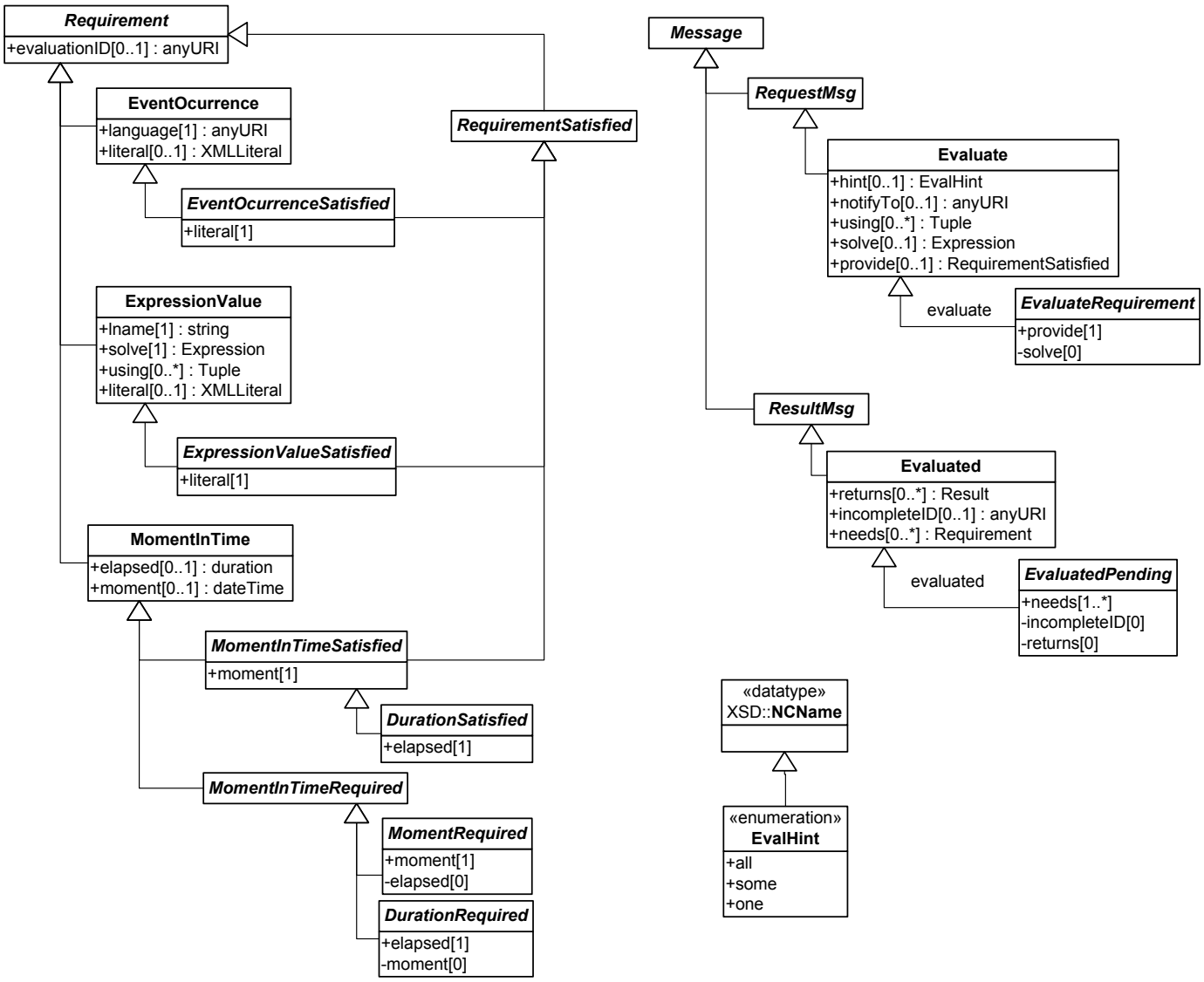

Native
+language[1] : anyURI
+name[1] : NCName
+literal[0..1] : XMLLiteral
0..1
+source
0..*
Declaration
+declare
1
VariableScope
-scope
RuleScope
+with[0..*] : VariableRule
RuleSet
Argument
+name[0..1] : NCName
Rule
0..1
+event
+from
0..*
0..*
+solve
Expression
+language[1] : anyURI
+operator[0..1] : NCName
+having[0..*] : Parameter
+literal[0..1] : XMLLiteral
+bindVar[0..1] : NCName
+query
0..1
+equals
1
0..*
+test
0..1
+action
ECARule
+event[1]
+action[1..*]
NativeRule
+source[1]
-event[0]
-query[0]
-test[0]
-action[0]
AbstractExpression
+with[0..*] : VariableAbstract
-literal[0]
+operator[1]
Opaque
+with[0..*] : VariableOpaque
+literal[1]
-operator[0]
-having[0]
-from[0]
Atomic
-from[0]
Composite
+from[1..*]
Parameter
+name[1] : NCName
+bindVar[0..1] : NCName
+literal[0..1] : XMLLiteral
ParameterValue
+literal[1]
-bindVar[0]
ParameterBound
+bindVar[1]
-literal[0]
ParameterFree
-bindVar[0]
-literal[0]
Variable
+name[1] : NCName
+mode[0..1] : VariableMode = bind
+rename[0..1] : string
+type[0..1] : anyURI
+literal[0..1] : XMLLiteral
+bindVar[0..1] : NCName
+aggregation[0..1] : ValueAggregation
+with
0..*
VariableDeclaration
VariableBinding
-mode[0]
-aggregation[0]
VariableOpaque
-scope[1] : Opaque
VariableAbstract
-scope[1] : AbstractExpression
-rename[0]
VariableRule
-scope[1] : RuleScope
-mode[0]
-rename[0]
-aggregation[0]
«datatype»
XSD::NCName
«enumeration»
VariableMode
+bind
+use
«enumeration»
ValueAggregation
+sum
+avg
+min
+max
+count
+ommit
+set
+exists
Result
+literal[1] : XMLLiteral
+using[0..1] : Tuple
Tuple
+binding[0..*] : VariableBinding
Message
RequestMsg
Load
+object[1] : RuleSet
ChangeState
+objectID[1] : anyURI
+active[1] : boolean
Install
+source[1] : Native
Evaluate
+hint[0..1] : EvalHint
+notifyTo[0..1] : anyURI
+using[0..*] : Tuple
+solve[0..1] : Expression
+provide[0..1] : RequirementSatisfied
evaluate
EvaluateExpression
+solve[1]
-provide[0]
ResultMsg
Loaded
+objectID[1] : anyURI
ChangedState
Installed
+nativeID[1] : anyURI
Evaluated
+returns[0..*] : Result
+incompleteID[0..1] : anyURI
+needs[0..*] : Requirement
evaluated
EvaluatedIncomplete
+incompleteID[1]
-needs[0]
EvaluatedDone
-incompleteID[0]
-needs[0]
EvaluatedFailed
-returns[0]
SignalMsg
NotifyResult
+incompleteID[1] : anyURI
+signal[0..1] : Evaluated
FreeID
+evaluationID[0..1] : anyURI
+incompleteID[0..1] : anyURI
+objectID[0..1] : anyURI
+nativeID[0..1] : anyURI
FreeEvaluation
+evaluationID[1]
-incompleteID[0]
-objectID[0]
-nativeID[0]
FreeIncomplete
+incompleteID[1]
-evaluationID[0]
-objectID[0]
-nativeID[0]
FreeObject
+objectID[1]
-evaluationID[0]
-incompleteID[0]
-nativeID[0]
FreeNative
+nativeID[1]
-evaluationID[0]
-incompleteID[0]
-objectID[0]


Requirement
+evaluationID[0..1] : anyURI
EventOcurrence
+language[1] : anyURI
+literal[0..1] : XMLLiteral
EventOcurrenceSatisfied
+literal[1]
RequirementSatisfied
ExpressionValue
+lname[1] : string
+solve[1] : Expression
+using[0..*] : Tuple
+literal[0..1] : XMLLiteral
ExpressionValueSatisfied
+literal[1]
MomentInTime
+elapsed[0..1] : duration
+moment[0..1] : dateTime
MomentInTimeSatisfied
+moment[1]
DurationSatisfied
+elapsed[1]
MomentInTimeRequired
MomentRequired
+moment[1]
-elapsed[0]
DurationRequired
+elapsed[1]
-moment[0]
Message
RequestMsg
Evaluate
+hint[0..1] : EvalHint
+notifyTo[0..1] : anyURI
+using[0..*] : Tuple
+solve[0..1] : Expression
+provide[0..1] : RequirementSatisfied
evaluate
EvaluateRequirement
+provide[1]
-solve[0]
ResultMsg
Evaluated
+returns[0..*] : Result
+incompleteID[0..1] : anyURI
+needs[0..*] : Requirement
evaluated
EvaluatedPending
+needs[1..*]
-incompleteID[0]
-returns[0]
«datatype»
XSD::NCName
«enumeration»
EvalHint
+all
+some
+one