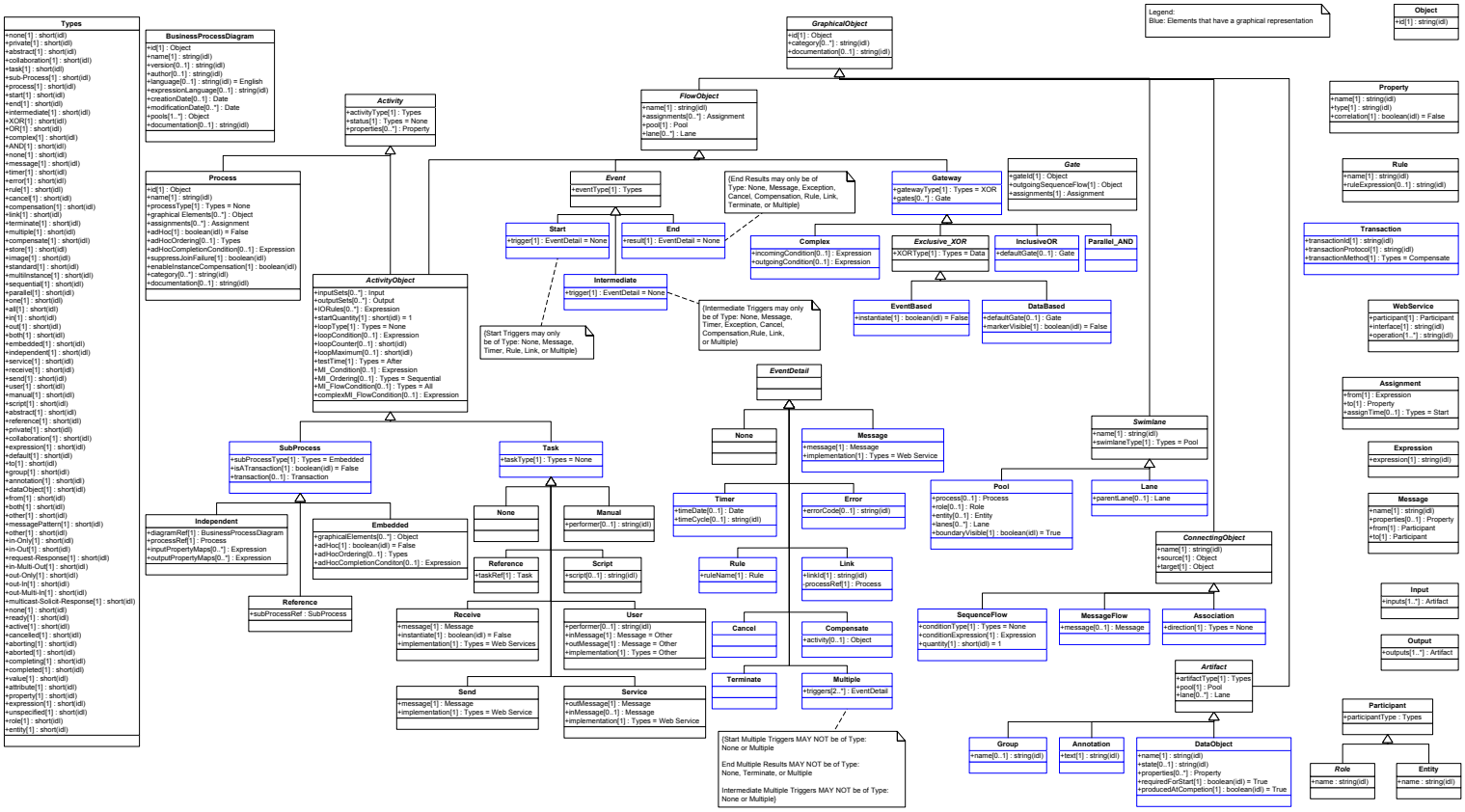
Types
+none[1] : short(idl)
+private[1] : short(idl)
+abstract[1] : short(idl)
+collaboration[1] : short(idl)
+task[1] : short(idl)
+sub-Process[1] : short(idl)
+process[1] : short(idl)
+start[1] : short(idl)
+end[1] : short(idl)
+intermediate[1] : short(idl)
+XOR[1] : short(idl)
+OR[1] : short(idl)
+complex[1] : short(idl)
+AND[1] : short(idl)
+none[1] : short(idl)
+message[1] : short(idl)
+timer[1] : short(idl)
+error[1] : short(idl)
+rule[1] : short(idl)
+cancel[1] : short(idl)
+compensation[1] : short(idl)
+link[1] : short(idl)
+terminate[1] : short(idl)
+multiple[1] : short(idl)
+compensate[1] : short(idl)
+store[1] : short(idl)
+image[1] : short(idl)
+standard[1] : short(idl)
+multiInstance[1] : short(idl)
+sequential[1] : short(idl)
+parallel[1] : short(idl)
+one[1] : short(idl)
+all[1] : short(idl)
+in[1] : short(idl)
+out[1] : short(idl)
+both[1] : short(idl)
+embedded[1] : short(idl)
+independent[1] : short(idl)
+service[1] : short(idl)
+receive[1] : short(idl)
+send[1] : short(idl)
+user[1] : short(idl)
+manual[1] : short(idl)
+script[1] : short(idl)
+abstract[1] : short(idl)
+reference[1] : short(idl)
+private[1] : short(idl)
+collaboration[1] : short(idl)
+expression[1] : short(idl)
+default[1] : short(idl)
+to[1] : short(idl)
+group[1] : short(idl)
+annotation[1] : short(idl)
+dataObject[1] : short(idl)
+from[1] : short(idl)
+both[1] : short(idl)
+other[1] : short(idl)
+messagePattern[1] : short(idl)
+other[1] : short(idl)
+in-Only[1] : short(idl)
+in-Out[1] : short(idl)
+request-Response[1] : short(idl)
+in-Multi-Out[1] : short(idl)
+out-Only[1] : short(idl)
+out-In[1] : short(idl)
+out-Multi-In[1] : short(idl)
+multicast-Solicit-Response[1] : short(idl)
+none[1] : short(idl)
+ready[1] : short(idl)
+active[1] : short(idl)
+cancelled[1] : short(idl)
+aborting[1] : short(idl)
+aborted[1] : short(idl)
+completing[1] : short(idl)
+completed[1] : short(idl)
+value[1] : short(idl)
+attribute[1] : short(idl)
+property[1] : short(idl)
+expression[1] : short(idl)
+unspecified[1] : short(idl)
+role[1] : short(idl)
+entity[1] : short(idl)
BusinessProcessDiagram
+id[1] : Object
+name[1] : string(idl)
+version[0..1] : string(idl)
+author[0..1] : string(idl)
+language[0..1] : string(idl) = English
+expressionLanguage[0..1] : string(idl)
+creationDate[0..1] : Date
+modificationDate[0..*] : Date
+pools[1..*] : Object
+documentation[0..1] : string(idl)
Activity
+activityType[1] : Types
+status[1] : Types = None
+properties[0..*] : Property
Process
+id[1] : Object
+name[1] : string(idl)
+processType[1] : Types = None
+graphical Elements[0..*] : Object
+assignments[0..*] : Assignment
+adHoc[1] : boolean(idl) = False
+adHocOrdering[0..1] : Types
+adHocCompletionCondition[0..1] : Expression
+suppressJoinFailure[1] : boolean(idl)
+enableInstanceCompensation[1] : boolean(idl)
+category[0..*] : string(idl)
+documentation[0..1] : string(idl)
ActivityObject
+inputSets[0..*] : Input
+outputSets[0..*] : Output
+IORules[0..*] : Expression
+startQuantity[1] : short(idl) = 1
+loopType[1] : Types = None
+loopCondition[0..1] : Expression
+loopCounter[0..1] : short(idl)
+loopMaximum[0..1] : short(idl)
+testTime[1] : Types = After
+MI_Condition[0..1] : Expression
+MI_Ordering[0..1] : Types = Sequential
+MI_FlowCondition[0..1] : Types = All
+complexMI_FlowCondition[0..1] : Expression
SubProcess
+subProcessType[1] : Types = Embedded
+isATransaction[1] : boolean(idl) = False
+transaction[0..1] : Transaction
Task
+taskType[1] : Types = None
Independent
+diagramRef[1] : BusinessProcessDiagram
+processRef[1] : Process
+inputPropertyMaps[0..*] : Expression
+outputPropertyMaps[0..*] : Expression
Embedded
+graphicalElements[0..*] : Object
+adHoc[1] : boolean(idl) = False
+adHocOrdering[0..1] : Types
+adHocCompletionConditor[0..1] : Expression
Reference
+subProcessRef : SubProcess
None
Manual
+performer[0..1] : string(idl)
Reference
+taskRef[1] : Task
Script
+script[0..1] : string(idl)
Receive
+message[1] : Message
+instantiate[1] : boolean(idl) = False
+implementation[1] : Types = Web Services
User
+performer[0..1] : string(idl)
+inMessage[1] : Message = Other
+outMessage[1] : Message = Other
+implementation[1] : Types = Other
Send
+message[1] : Message
+implementation[1] : Types = Web Service
Service
+outMessage[1] : Message
+inMessage[0..1] : Message
+implementation[1] : Types = Web Service
GraphicalObject
+id[1] : Object
+category[0..*] : string(idl)
+documentation[0..1] : string(idl)
FlowObject
+name[1] : string(idl)
+assignments[0..*] : Assignment
+pool[1] : Pool
+lane[0..*] : Lane
Event
+eventType[1] : Types
Start
+trigger[1] : EventDetail = None
End
+result[1] : EventDetail = None
Intermediate
+trigger[1] : EventDetail = None
{Start Triggers may only be of Type: None, Message, Timer, Rule, Link, or Multiple}
{End Results may only be of Type: None, Message, Exception, Cancel, Compensation, Rule, Link, Terminate, or Multiple}
{Intermediate Triggers may only be of Type: None, Message, Timer, Exception, Cancel, Compensation,Rule, Link, or Multiple}
Gateway
+gatewayType[1] : Types = XOR
+gates[0..*] : Gate
Gate
+gateId[1] : Object
+outgoingSequenceFlow[1] : Object
+assignments[1] : Assignment
Complex
+incomingCondition[0..1] : Expression
+outgoingCondition[0..1] : Expression
Exclusive_XOR
+XORType[1] : Types = Data
InclusiveOR
+defaultGate[0..1] : Gate
Parallel_AND
EventBased
+instantiate[1] : boolean(idl) = False
DataBased
+defaultGate[0..1] : Gate
+markerVisible[1] : boolean(idl) = False
EventDetail
None
Message
+message[1] : Message
+implementation[1] : Types = Web Service
Timer
+timeDate[0..1] : Date
+timeCycle[0..1] : string(idl)
Error
+errorCode[0..1] : string(idl)
Rule
+ruleName[1] : Rule
Link
+linkId[1] : string(idl)
-processRef[1] : Process
Cancel
Compensate
+activity[0..1] : Object
Terminate
Multiple
+triggers[2..*] : EventDetail
{Start Multiple Triggers MAY NOT be of Type: None or Multiple
End Multiple Results MAY NOT be of Type: None, Terminate, or Multiple
Intermediate Multiple Triggers MAY NOT be of Type: None or Multiple}
Swimlane
+name[1] : string(idl)
+swimlaneType[1] : Types = Pool
Pool
+process[0..1] : Process
+role[0..1] : Role
+entity[0..1] : Entity
+lanes[0..*] : Lane
+boundaryVisible[1] : boolean(idl) = True
Lane
+parentLane[0..1] : Lane
ConnectingObject
+name[1] : string(idl)
+source[1] : Object
+target[1] : Object
SequenceFlow
+conditionType[1] : Types = None
+conditionExpression[1] : Expression
+quantity[1] : short(idl) = 1
MessageFlow
+message[0..1] : Message
Association
+direction[1] : Types = None
Artifact
+artifactType[1] : Types
+pool[1] : Pool
+lane[0..*] : Lane
Group
+name[0..1] : string(idl)
Annotation
+text[1] : string(idl)
DataObject
+name[1] : string(idl)
+state[0..1] : string(idl)
+properties[0..*] : Property
+requiredForStart[1] : boolean(idl) = True
+producedAtCompletion[1] : boolean(idl) = True
Legend:
Blue: Elements that have a graphical representation
Object
+id[1] : string(idl)
Property
+name[1] : string(idl)
+type[1] : string(idl)
+correlation[1] : boolean(idl) = False
Rule
+name[1] : string(idl)
+ruleExpression[0..1] : string(idl)
Transaction
+transactionId[1] : string(idl)
+transactionProtocol[1] : string(idl)
+transactionMethod[1] : Types = Compensate
WebService
+participant[1] : Participant
+interface[1] : string(idl)
+operation[1..*] : string(idl)
Assignment
+from[1] : Expression
+to[1] : Property
+assignTime[0..1] : Types = Start
Expression
+expression[1] : string(idl)
Message
+name[1] : string(idl)
+properties[0..1] : Property
+from[1] : Participant
+to[1] : Participant
Input
+inputs[1..*] : Artifact
Output
+outputs[1..*] : Artifact
Participant
+participantType : Types
Role
+name : string(idl)
Entity
+name : string(idl)