We have a tool to create BPMN 2.0 models, called “*BPMN designer*”. The tool is built upon Eclipse Ecore metamodels and utilizes Sirius features. The metamodel is designed to model BPMN flow objects (Events, activities, gateways), connecting objects (sequence flow, message flow, association), swim lanes (Pool, lane, dark pool), and artifacts (data object, group, annotation). These four categories enable creation of simple business process diagrams (BPDs). BPDs also permit making new types of flow object or artifact, to make the diagram more understandable.

This is the “BPMN designer” metamodel:

<?xml version="1.0" encoding="UTF-8"?>

<ecore:EPackage xmi:version="2.0" xmlns:xmi="http://www.omg.org/XMI" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xmlns:ecore="http://www.eclipse.org/emf/2002/Ecore" name="bpmn2" nsURI="http://www.omg.org/spec/BPMN/20100524/MODEL-XMI"

nsPrefix="bpmn">

<eAnnotations source="http://www.obeonetwork.com/bpmn2/addons" references="#//BaseElement/description #//Process/decomposedBy #//Process/decomposes"/>

<eClassifiers xsi:type="ecore:EClass" name="Interface" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="operations" ordered="false"

lowerBound="1" upperBound="-1" eType="#//Operation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="implementationRef" ordered="false"

eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="RootElement" abstract="true" eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="BaseElement" abstract="true">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="extensionDefinitions" ordered="false"

upperBound="-1" eType="#//ExtensionDefinition"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="extensionValues" ordered="false"

upperBound="-1" eType="#//ExtensionAttributeValue" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="documentation" ordered="false"

upperBound="-1" eType="#//Documentation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="description" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ExtensionDefinition">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="extensionAttributeDefinitions"

ordered="false" upperBound="-1" eType="#//ExtensionAttributeDefinition" containment="true"

eOpposite="#//ExtensionAttributeDefinition/extensionDefinition"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ExtensionAttributeDefinition">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="type" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isReference" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="extensionDefinition" ordered="false"

lowerBound="1" eType="#//ExtensionDefinition" eOpposite="#//ExtensionDefinition/extensionAttributeDefinitions"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ExtensionAttributeValue">

<eStructuralFeatures xsi:type="ecore:EReference" name="valueRef" ordered="false"

eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="value" ordered="false"

eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="extensionAttributeDefinition"

ordered="false" eType="#//ExtensionAttributeDefinition"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Documentation" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="text" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="textFormat" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"

defaultValueLiteral="text/plain"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Operation" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="inMessageRef" ordered="false"

lowerBound="1" eType="#//Message"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outMessageRef" ordered="false"

eType="#//Message"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="errorRefs" ordered="false"

upperBound="-1" eType="#//Error"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="implementationRef" ordered="false"

eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Message" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="itemRef" ordered="false"

eType="#//ItemDefinition"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ItemDefinition" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="itemKind" ordered="false"

lowerBound="1" eType="#//ItemKind"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="structureRef" ordered="false"

lowerBound="1" eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isCollection" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="import" ordered="false"

eType="#//Import"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="ItemKind">

<eLiterals name="Physical"/>

<eLiterals name="Information" value="1"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Import">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="importType" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="location" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="namespace" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Error" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="structureRef" ordered="false"

eType="#//ItemDefinition"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="errorCode" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="EndPoint" eSuperTypes="#//RootElement"/>

<eClassifiers xsi:type="ecore:EClass" name="Auditing" eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="GlobalTask" eSuperTypes="#//CallableElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="resources" ordered="false"

upperBound="-1" eType="#//ResourceRole" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CallableElement" abstract="true" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="ioSpecification" ordered="false"

eType="#//InputOutputSpecification" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="supportedInterfaceRefs"

ordered="false" upperBound="-1" eType="#//Interface"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="ioBinding" ordered="false"

upperBound="-1" eType="#//InputOutputBinding" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="InputOutputSpecification" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="inputSets" ordered="false"

upperBound="-1" eType="#//InputSet" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputSets" ordered="false"

upperBound="-1" eType="#//OutputSet" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataInputs" ordered="false"

upperBound="-1" eType="#//DataInput" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataOutputs" ordered="false"

upperBound="-1" eType="#//DataOutput" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="InputSet" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataInputRefs" ordered="false"

upperBound="-1" eType="#//DataInput" resolveProxies="false" eOpposite="#//DataInput/inputSetRefs"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="optionalInputRefs" ordered="false"

upperBound="-1" eType="#//DataInput" resolveProxies="false" eOpposite="#//DataInput/inputSetWithOptional"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="whileExecutingInputRefs"

ordered="false" upperBound="-1" eType="#//DataInput" resolveProxies="false"

eOpposite="#//DataInput/inputSetWithWhileExecuting"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputSetRefs" ordered="false"

upperBound="-1" eType="#//OutputSet" resolveProxies="false" eOpposite="#//OutputSet/inputSetRefs"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataInput" eSuperTypes="#//ItemAwareElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isCollection" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="inputSetWithOptional" ordered="false"

upperBound="-1" eType="#//InputSet" transient="true" derived="true" eOpposite="#//InputSet/optionalInputRefs"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="inputSetWithWhileExecuting"

ordered="false" upperBound="-1" eType="#//InputSet" transient="true" derived="true"

eOpposite="#//InputSet/whileExecutingInputRefs"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="inputSetRefs" ordered="false"

upperBound="-1" eType="#//InputSet" transient="true" derived="true" eOpposite="#//InputSet/dataInputRefs"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ItemAwareElement" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="itemSubjectRef" ordered="false"

eType="#//ItemDefinition"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataState" ordered="false"

eType="#//DataState" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataState" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="OutputSet" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="dataOutputRefs" ordered="false"

upperBound="-1" eType="#//DataOutput" resolveProxies="false" eOpposite="#//DataOutput/outputSetRefs"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="optionalOutputRefs" ordered="false"

upperBound="-1" eType="#//DataOutput" resolveProxies="false" eOpposite="#//DataOutput/outputSetWithOptional"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="whileExecutingOutputRefs"

ordered="false" upperBound="-1" eType="#//DataOutput" derived="true" resolveProxies="false"

eOpposite="#//DataOutput/outputSetWithWhileExecuting"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="inputSetRefs" ordered="false"

upperBound="-1" eType="#//InputSet" eOpposite="#//InputSet/outputSetRefs"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataOutput" eSuperTypes="#//ItemAwareElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isCollection" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputSetWithOptional"

ordered="false" upperBound="-1" eType="#//OutputSet" transient="true" derived="true"

eOpposite="#//OutputSet/optionalOutputRefs"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputSetWithWhileExecuting"

ordered="false" upperBound="-1" eType="#//OutputSet" transient="true" derived="true"

eOpposite="#//OutputSet/whileExecutingOutputRefs"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputSetRefs" ordered="false"

upperBound="-1" eType="#//OutputSet" transient="true" derived="true" eOpposite="#//OutputSet/dataOutputRefs"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="InputOutputBinding">

<eStructuralFeatures xsi:type="ecore:EReference" name="inputDataRef" ordered="false"

lowerBound="1" eType="#//InputSet"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputDataRef" ordered="false"

lowerBound="1" eType="#//OutputSet"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="operationRef" ordered="false"

lowerBound="1" eType="#//Operation"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ResourceRole" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="resourceRef" ordered="false"

eType="#//Resource"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="resourceParameterBindings"

ordered="false" upperBound="-1" eType="#//ResourceParameterBinding" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="resourceAssignmentExpression"

ordered="false" eType="#//ResourceAssignmentExpression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Resource" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="resourceParameters" ordered="false"

upperBound="-1" eType="#//ResourceParameter" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ResourceParameter" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isRequired" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="type" ordered="false" eType="#//ItemDefinition"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ResourceParameterBinding">

<eStructuralFeatures xsi:type="ecore:EReference" name="expression" ordered="false"

lowerBound="1" eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="parameterRef" ordered="false"

lowerBound="1" eType="#//ResourceParameter"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Expression" eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="ResourceAssignmentExpression">

<eStructuralFeatures xsi:type="ecore:EReference" name="expression" ordered="false"

lowerBound="1" eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Monitoring" eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="Performer" eSuperTypes="#//ResourceRole"/>

<eClassifiers xsi:type="ecore:EClass" name="Process" eSuperTypes="#//CallableElement #//FlowElementsContainer">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="processType" ordered="false"

lowerBound="1" eType="#//ProcessType"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isClosed" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="auditing" ordered="false"

eType="#//Auditing" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="monitoring" ordered="false"

eType="#//Monitoring" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="properties" ordered="false"

upperBound="-1" eType="#//Property" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="supports" ordered="false"

upperBound="-1" eType="#//Process"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="definitionalCollaborationRef"

ordered="false" eType="#//Collaboration"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isExecutable" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="resources" ordered="false"

upperBound="-1" eType="#//ResourceRole" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="artifacts" ordered="false"

upperBound="-1" eType="#//Artifact" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationSubscriptions"

ordered="false" upperBound="-1" eType="#//CorrelationSubscription" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="decomposedBy" upperBound="-1"

eType="#//Process" containment="true" eOpposite="#//Process/decomposes"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="decomposes" eType="#//Process"

eOpposite="#//Process/decomposedBy"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="FlowElementsContainer" abstract="true"

eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="flowElements" ordered="false"

upperBound="-1" eType="#//FlowElement" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="laneSets" ordered="false"

upperBound="-1" eType="#//LaneSet" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="FlowElement" abstract="true" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="auditing" ordered="false"

eType="#//Auditing" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="monitoring" ordered="false"

eType="#//Monitoring" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="categoryValueRef" ordered="false"

upperBound="-1" eType="#//CategoryValue" transient="true" resolveProxies="false"

eOpposite="#//CategoryValue/categorizedFlowElements"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CategoryValue" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="value" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="categorizedFlowElements"

ordered="false" upperBound="-1" eType="#//FlowElement" changeable="false"

transient="true" derived="true" resolveProxies="false" eOpposite="#//FlowElement/categoryValueRef"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="LaneSet" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="lanes" ordered="false"

upperBound="-1" eType="#//Lane" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Lane" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="childLaneSet" ordered="false"

eType="#//LaneSet" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="partitionElementRef" ordered="false"

eType="#//BaseElement"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="flowNodeRefs" ordered="false"

upperBound="-1" eType="#//FlowNode" resolveProxies="false" eOpposite="#//FlowNode/lanes"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="partitionElement" ordered="false"

eType="#//BaseElement" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="FlowNode" abstract="true" eSuperTypes="#//FlowElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="outgoing" upperBound="-1"

eType="#//SequenceFlow" eOpposite="#//SequenceFlow/sourceRef"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="incoming" ordered="false"

upperBound="-1" eType="#//SequenceFlow" eOpposite="#//SequenceFlow/targetRef"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="lanes" ordered="false"

upperBound="-1" eType="#//Lane" transient="true" derived="true" eOpposite="#//Lane/flowNodeRefs"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="SequenceFlow" eSuperTypes="#//FlowElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isImmediate" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="conditionExpression" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="targetRef" ordered="false"

eType="#//FlowNode" eOpposite="#//FlowNode/incoming"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="sourceRef" ordered="false"

eType="#//FlowNode" eOpposite="#//FlowNode/outgoing"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="ProcessType">

<eLiterals name="None"/>

<eLiterals name="Public" value="1"/>

<eLiterals name="Private" value="2"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Property" eSuperTypes="#//ItemAwareElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Collaboration" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isClosed" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="choreographyRef" ordered="false"

upperBound="-1" eType="#//Choreography"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="artifacts" ordered="false"

upperBound="-1" eType="#//Artifact" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantAssociations"

ordered="false" upperBound="-1" eType="#//ParticipantAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageFlowAssociations"

ordered="false" upperBound="-1" eType="#//MessageFlowAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="conversationAssociations"

ordered="false" eType="#//ConversationAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participants" ordered="false"

upperBound="-1" eType="#//Participant" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageFlows" ordered="false"

upperBound="-1" eType="#//MessageFlow" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationKeys" ordered="false"

upperBound="-1" eType="#//CorrelationKey" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="conversations" ordered="false"

upperBound="-1" eType="#//ConversationNode" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="conversationLinks" ordered="false"

upperBound="-1" eType="#//ConversationLink" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Choreography" eSuperTypes="#//Collaboration #//FlowElementsContainer"/>

<eClassifiers xsi:type="ecore:EClass" name="Artifact" abstract="true" eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="ParticipantAssociation" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="innerParticipantRef" ordered="false"

lowerBound="1" eType="#//Participant"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outerParticipantRef" ordered="false"

lowerBound="1" eType="#//Participant"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Participant" eSuperTypes="#//BaseElement #//InteractionNode">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="interfaceRefs" ordered="false"

upperBound="-1" eType="#//Interface"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantMultiplicity"

ordered="false" eType="#//ParticipantMultiplicity" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="endPointRefs" ordered="false"

upperBound="-1" eType="#//EndPoint"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="processRef" ordered="false"

eType="#//Process"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="InteractionNode" abstract="true">

<eStructuralFeatures xsi:type="ecore:EReference" name="incomingConversationLinks"

ordered="false" upperBound="-1" eType="#//ConversationLink" changeable="false"

transient="true" derived="true" eOpposite="#//ConversationLink/targetRef"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outgoingConversationLinks"

ordered="false" upperBound="-1" eType="#//ConversationLink" changeable="false"

transient="true" derived="true" eOpposite="#//ConversationLink/sourceRef"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ConversationLink" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="sourceRef" ordered="false"

lowerBound="1" eType="#//InteractionNode" transient="true" eOpposite="#//InteractionNode/outgoingConversationLinks"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="targetRef" ordered="false"

lowerBound="1" eType="#//InteractionNode" transient="true" eOpposite="#//InteractionNode/incomingConversationLinks"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ParticipantMultiplicity">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="minimum" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EInt"

defaultValueLiteral="0"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="maximum" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EInt" defaultValueLiteral="1"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="MessageFlowAssociation" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="innerMessageFlowRef" ordered="false"

lowerBound="1" eType="#//MessageFlow"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outerMessageFlowRef" ordered="false"

lowerBound="1" eType="#//MessageFlow"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="MessageFlow" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="sourceRef" ordered="false"

eType="#//InteractionNode"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="targetRef" ordered="false"

eType="#//InteractionNode"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageRef" ordered="false"

eType="#//Message"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ConversationAssociation" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="innerConversationNodeRef"

ordered="false" lowerBound="1" eType="#//ConversationNode"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outerConversationNodeRef"

ordered="false" lowerBound="1" eType="#//ConversationNode"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ConversationNode" abstract="true" eSuperTypes="#//BaseElement #//InteractionNode">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantRefs" ordered="false"

lowerBound="2" upperBound="-1" eType="#//Participant"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageFlowRefs" ordered="false"

upperBound="-1" eType="#//MessageFlow"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationKeys" ordered="false"

upperBound="-1" eType="#//CorrelationKey" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CorrelationKey" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationPropertyRef"

ordered="false" upperBound="-1" eType="#//CorrelationProperty"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CorrelationProperty" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationPropertyRetrievalExpression"

ordered="false" lowerBound="1" upperBound="-1" eType="#//CorrelationPropertyRetrievalExpression"

containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="type" ordered="false" eType="#//ItemDefinition"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CorrelationPropertyRetrievalExpression"

eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="messagePath" ordered="false"

lowerBound="1" eType="#//FormalExpression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageRef" ordered="false"

lowerBound="1" eType="#//Message"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="FormalExpression" eSuperTypes="#//Expression">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="language" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="body" ordered="false" lowerBound="1"

eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="evaluatesToTypeRef" ordered="false"

lowerBound="1" eType="#//ItemDefinition"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CorrelationSubscription" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationKeyRef" ordered="false"

lowerBound="1" eType="#//CorrelationKey"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationPropertyBinding"

ordered="false" upperBound="-1" eType="#//CorrelationPropertyBinding" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CorrelationPropertyBinding" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="dataPath" ordered="false"

lowerBound="1" eType="#//FormalExpression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationPropertyRef"

ordered="false" lowerBound="1" eType="#//CorrelationProperty"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="GlobalManualTask" eSuperTypes="#//GlobalTask"/>

<eClassifiers xsi:type="ecore:EClass" name="ManualTask" eSuperTypes="#//Task"/>

<eClassifiers xsi:type="ecore:EClass" name="Task" eSuperTypes="#//Activity"/>

<eClassifiers xsi:type="ecore:EClass" name="Activity" abstract="true" eSuperTypes="#//FlowNode #//InteractionNode">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isForCompensation" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="loopCharacteristics" ordered="false"

eType="#//LoopCharacteristics" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="resources" ordered="false"

upperBound="-1" eType="#//ResourceRole" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="default" ordered="false"

eType="#//SequenceFlow"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="properties" ordered="false"

upperBound="-1" eType="#//Property" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="ioSpecification" ordered="false"

eType="#//InputOutputSpecification" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="boundaryEventRefs" ordered="false"

upperBound="-1" eType="#//BoundaryEvent" eOpposite="#//BoundaryEvent/attachedToRef"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataInputAssociations"

ordered="false" upperBound="-1" eType="#//DataInputAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataOutputAssociations"

ordered="false" upperBound="-1" eType="#//DataOutputAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="startQuantity" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EInt"

defaultValueLiteral="1"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="completionQuantity" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EInt"

defaultValueLiteral="1"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="LoopCharacteristics" abstract="true"

eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="BoundaryEvent" eSuperTypes="#//CatchEvent">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="cancelActivity" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="attachedToRef" ordered="false"

lowerBound="1" eType="#//Activity" eOpposite="#//Activity/boundaryEventRefs"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CatchEvent" abstract="true" eSuperTypes="#//Event">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="parallelMultiple" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputSet" ordered="false"

eType="#//OutputSet" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="eventDefinitionRefs" ordered="false"

upperBound="-1" eType="#//EventDefinition"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataOutputAssociation"

ordered="false" upperBound="-1" eType="#//DataOutputAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataOutputs" ordered="false"

upperBound="-1" eType="#//DataOutput" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="eventDefinitions" ordered="false"

upperBound="-1" eType="#//EventDefinition" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Event" abstract="true" eSuperTypes="#//FlowNode #//InteractionNode">

<eStructuralFeatures xsi:type="ecore:EReference" name="properties" ordered="false"

upperBound="-1" eType="#//Property" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="EventDefinition" abstract="true" eSuperTypes="#//RootElement"/>

<eClassifiers xsi:type="ecore:EClass" name="DataOutputAssociation" eSuperTypes="#//DataAssociation"/>

<eClassifiers xsi:type="ecore:EClass" name="DataAssociation" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="transformation" ordered="false"

eType="#//FormalExpression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="assignment" ordered="false"

upperBound="-1" eType="#//Assignment" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="targetRef" ordered="false"

lowerBound="1" eType="#//ItemAwareElement"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="sourceRef" ordered="false"

upperBound="-1" eType="#//ItemAwareElement"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Assignment" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="from" ordered="false" lowerBound="1"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="to" ordered="false" lowerBound="1"

eType="#//Expression" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataInputAssociation" eSuperTypes="#//DataAssociation"/>

<eClassifiers xsi:type="ecore:EClass" name="UserTask" eSuperTypes="#//Task">

<eStructuralFeatures xsi:type="ecore:EReference" name="renderings" ordered="false"

upperBound="-1" eType="#//Rendering" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Rendering" eSuperTypes="#//BaseElement"/>

<eClassifiers xsi:type="ecore:EClass" name="HumanPerformer" eSuperTypes="#//Performer"/>

<eClassifiers xsi:type="ecore:EClass" name="PotentialOwner" eSuperTypes="#//HumanPerformer"/>

<eClassifiers xsi:type="ecore:EClass" name="GlobalUserTask" eSuperTypes="#//GlobalTask">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="renderings" ordered="false"

upperBound="-1" eType="#//Rendering" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Gateway" abstract="true" eSuperTypes="#//FlowNode">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="gatewayDirection" ordered="false"

lowerBound="1" eType="#//GatewayDirection" defaultValueLiteral="Unspecified"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="GatewayDirection">

<eLiterals name="Unspecified"/>

<eLiterals name="Converging" value="1"/>

<eLiterals name="Diverging" value="2"/>

<eLiterals name="Mixed" value="3"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="EventBasedGateway" eSuperTypes="#//Gateway">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="instantiate" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="eventGatewayType" ordered="false"

lowerBound="1" eType="#//EventBasedGatewayType"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="EventBasedGatewayType">

<eLiterals name="Parallel"/>

<eLiterals name="Exclusive" value="1"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ComplexGateway" eSuperTypes="#//Gateway">

<eStructuralFeatures xsi:type="ecore:EReference" name="activationCondition" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="default" ordered="false"

eType="#//SequenceFlow"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ExclusiveGateway" eSuperTypes="#//Gateway">

<eStructuralFeatures xsi:type="ecore:EReference" name="default" ordered="false"

eType="#//SequenceFlow"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="InclusiveGateway" eSuperTypes="#//Gateway">

<eStructuralFeatures xsi:type="ecore:EReference" name="default" ordered="false"

eType="#//SequenceFlow"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ParallelGateway" eSuperTypes="#//Gateway"/>

<eClassifiers xsi:type="ecore:EClass" name="Relationship" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="type" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="direction" ordered="false"

lowerBound="1" eType="#//RelationshipDirection"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="sources" ordered="false"

lowerBound="1" upperBound="-1" eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="targets" ordered="false"

lowerBound="1" upperBound="-1" eType="ecore:EClass http://www.eclipse.org/emf/2002/Ecore#//EObject"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="RelationshipDirection">

<eLiterals name="None"/>

<eLiterals name="Forward" value="1"/>

<eLiterals name="Backward" value="2"/>

<eLiterals name="Both" value="3"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Extension">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="mustUnderstand" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="definition" ordered="false"

lowerBound="1" eType="#//ExtensionDefinition" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="IntermediateCatchEvent" eSuperTypes="#//CatchEvent"/>

<eClassifiers xsi:type="ecore:EClass" name="IntermediateThrowEvent" eSuperTypes="#//ThrowEvent"/>

<eClassifiers xsi:type="ecore:EClass" name="ThrowEvent" abstract="true" eSuperTypes="#//Event">

<eStructuralFeatures xsi:type="ecore:EReference" name="inputSet" ordered="false"

eType="#//InputSet" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="eventDefinitionRefs" ordered="false"

upperBound="-1" eType="#//EventDefinition"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataInputAssociation" ordered="false"

upperBound="-1" eType="#//DataInputAssociation" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="dataInputs" ordered="false"

upperBound="-1" eType="#//DataInput" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="eventDefinitions" ordered="false"

upperBound="-1" eType="#//EventDefinition" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="EndEvent" eSuperTypes="#//ThrowEvent"/>

<eClassifiers xsi:type="ecore:EClass" name="StartEvent" eSuperTypes="#//CatchEvent">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isInterrupting" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CancelEventDefinition" eSuperTypes="#//EventDefinition"/>

<eClassifiers xsi:type="ecore:EClass" name="ErrorEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EReference" name="errorRef" ordered="false"

eType="#//Error"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="TerminateEventDefinition" eSuperTypes="#//EventDefinition"/>

<eClassifiers xsi:type="ecore:EClass" name="EscalationEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EReference" name="escalationRef" ordered="false"

eType="#//Escalation"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Escalation">

<eStructuralFeatures xsi:type="ecore:EReference" name="structureRef" ordered="false"

eType="#//ItemDefinition"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="escalationCode" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="id" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString" iD="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CompensateEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="waitForCompletion" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="activityRef" ordered="false"

eType="#//Activity"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="TimerEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EReference" name="timeDate" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="timeCycle" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="timeDuration" ordered="false"

eType="#//Expression" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="LinkEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="target" ordered="false"

eType="#//LinkEventDefinition" eOpposite="#//LinkEventDefinition/source"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="source" ordered="false"

upperBound="-1" eType="#//LinkEventDefinition" eOpposite="#//LinkEventDefinition/target"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="MessageEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EReference" name="messageRef" ordered="false"

eType="#//Message"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="operationRef" ordered="false"

eType="#//Operation"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ConditionalEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EReference" name="condition" ordered="false"

lowerBound="1" eType="#//Expression" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="SignalEventDefinition" eSuperTypes="#//EventDefinition">

<eStructuralFeatures xsi:type="ecore:EReference" name="signalRef" ordered="false"

eType="#//Signal"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Signal" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="structureRef" ordered="false"

eType="#//ItemDefinition"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ImplicitThrowEvent" eSuperTypes="#//ThrowEvent"/>

<eClassifiers xsi:type="ecore:EClass" name="DataObject" eSuperTypes="#//FlowElement #//ItemAwareElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isCollection" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataStore" eSuperTypes="#//ItemAwareElement #//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="capacity" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EInt"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isUnlimited" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataStoreReference" eSuperTypes="#//FlowElement #//ItemAwareElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="dataStoreRef" ordered="false"

eType="#//DataStore"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="DataObjectReference" eSuperTypes="#//FlowElement #//ItemAwareElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="dataObjectRef" ordered="false"

lowerBound="1" eType="#//DataObject"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CallConversation" eSuperTypes="#//ConversationNode">

<eStructuralFeatures xsi:type="ecore:EReference" name="calledCollaborationRef"

ordered="false" eType="#//Collaboration"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantAssociations"

ordered="false" upperBound="-1" eType="#//ParticipantAssociation" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Conversation" eSuperTypes="#//ConversationNode"/>

<eClassifiers xsi:type="ecore:EClass" name="SubConversation" eSuperTypes="#//ConversationNode">

<eStructuralFeatures xsi:type="ecore:EReference" name="conversationNodes" ordered="false"

upperBound="-1" eType="#//ConversationNode" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="GlobalConversation" eSuperTypes="#//Collaboration"/>

<eClassifiers xsi:type="ecore:EClass" name="PartnerEntity" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantRef" ordered="false"

upperBound="-1" eType="#//Participant"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="PartnerRole" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantRef" ordered="false"

upperBound="-1" eType="#//Participant"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ChoreographyActivity" abstract="true"

eSuperTypes="#//FlowNode">

<eStructuralFeatures xsi:type="ecore:EReference" name="participantRefs" ordered="false"

upperBound="-1" eType="#//Participant"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="initiatingParticipantRef"

ordered="false" eType="#//Participant"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="correlationKeys" ordered="false"

upperBound="-1" eType="#//CorrelationKey" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="loopType" ordered="false"

lowerBound="1" eType="#//ChoreographyLoopType" defaultValueLiteral="None"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="ChoreographyLoopType">

<eLiterals name="None"/>

<eLiterals name="Standard" value="1"/>

<eLiterals name="MultiInstanceSequential" value="2"/>

<eLiterals name="MultiInstanceParallel" value="3"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CallChoreography" eSuperTypes="#//ChoreographyActivity">

<eStructuralFeatures xsi:type="ecore:EReference" name="calledChoreographyRef"

ordered="false" eType="#//Choreography"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="participantAssociations"

ordered="false" upperBound="-1" eType="#//ParticipantAssociation" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="SubChoreography" eSuperTypes="#//ChoreographyActivity #//FlowElementsContainer">

<eStructuralFeatures xsi:type="ecore:EReference" name="artifacts" ordered="false"

upperBound="-1" eType="#//Artifact" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ChoreographyTask" eSuperTypes="#//ChoreographyActivity">

<eStructuralFeatures xsi:type="ecore:EReference" name="messageFlowRef" ordered="false"

upperBound="2" eType="#//MessageFlow"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="GlobalChoreographyTask" eSuperTypes="#//Choreography">

<eStructuralFeatures xsi:type="ecore:EReference" name="initiatingParticipantRef"

ordered="false" lowerBound="1" eType="#//Participant"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="TextAnnotation" eSuperTypes="#//Artifact">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="text" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="textFormat" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"

defaultValueLiteral="text/plain"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Group" eSuperTypes="#//Artifact">

<eStructuralFeatures xsi:type="ecore:EReference" name="categoryValueRef" ordered="false"

eType="#//CategoryValue"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Association" eSuperTypes="#//Artifact">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="associationDirection" ordered="false"

lowerBound="1" eType="#//AssociationDirection"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="sourceRef" ordered="false"

eType="#//BaseElement"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="targetRef" ordered="false"

eType="#//BaseElement"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="AssociationDirection">

<eLiterals name="None"/>

<eLiterals name="One" value="1"/>

<eLiterals name="Both" value="2"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Category" eSuperTypes="#//RootElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="categoryValue" ordered="false"

upperBound="-1" eType="#//CategoryValue" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" lowerBound="1"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ServiceTask" eSuperTypes="#//Task">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="operationRef" ordered="false"

eType="#//Operation"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="SubProcess" eSuperTypes="#//Activity #//FlowElementsContainer">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="triggeredByEvent" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="artifacts" ordered="false"

upperBound="-1" eType="#//Artifact" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="MultiInstanceBehavior">

<eLiterals name="None"/>

<eLiterals name="One" value="1"/>

<eLiterals name="All" value="2"/>

<eLiterals name="Complex" value="3"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="MultiInstanceLoopCharacteristics" eSuperTypes="#//LoopCharacteristics">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="isSequential" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="behavior" ordered="false"

lowerBound="1" eType="#//MultiInstanceBehavior" defaultValueLiteral="All"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="loopCardinality" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="loopDataInputRef" ordered="false"

eType="#//ItemAwareElement"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="loopDataOutputRef" ordered="false"

eType="#//ItemAwareElement"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="inputDataItem" ordered="false"

eType="#//DataInput" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="outputDataItem" ordered="false"

eType="#//DataOutput" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="completionCondition" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="complexBehaviorDefinition"

ordered="false" upperBound="-1" eType="#//ComplexBehaviorDefinition" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="oneBehaviorEventRef" ordered="false"

eType="#//EventDefinition"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="noneBehaviorEventRef" ordered="false"

eType="#//EventDefinition"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ComplexBehaviorDefinition" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EReference" name="condition" ordered="false"

lowerBound="1" eType="#//FormalExpression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="event" ordered="false"

eType="#//ImplicitThrowEvent" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="StandardLoopCharacteristics" eSuperTypes="#//LoopCharacteristics">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="testBefore" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="loopCondition" ordered="false"

eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="loopMaximum" ordered="false"

eType="#//Expression" containment="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="CallActivity" eSuperTypes="#//Activity">

<eStructuralFeatures xsi:type="ecore:EReference" name="calledElementRef" ordered="false"

eType="#//CallableElement"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="SendTask" eSuperTypes="#//Task">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="operationRef" ordered="false"

eType="#//Operation"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageRef" ordered="false"

eType="#//Message"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ReceiveTask" eSuperTypes="#//Task">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="instantiate" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="false"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="operationRef" ordered="false"

eType="#//Operation"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="messageRef" ordered="false"

eType="#//Message"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="ScriptTask" eSuperTypes="#//Task">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="scriptFormat" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="script" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="BusinessRuleTask" eSuperTypes="#//Task">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="AdHocSubProcess" eSuperTypes="#//SubProcess">

<eStructuralFeatures xsi:type="ecore:EReference" name="completionCondition" ordered="false"

lowerBound="1" eType="#//Expression" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="ordering" ordered="false"

lowerBound="1" eType="#//AdHocOrdering"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="cancelRemainingInstances"

ordered="false" lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EBoolean"

defaultValueLiteral="true"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EEnum" name="AdHocOrdering">

<eLiterals name="Parallel"/>

<eLiterals name="Sequential" value="1"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Transaction" eSuperTypes="#//SubProcess">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="protocol" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="method" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="GlobalScriptTask" eSuperTypes="#//GlobalTask">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="scriptLanguage" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="script" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="GlobalBusinessRuleTask" eSuperTypes="#//GlobalTask">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="implementation" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

<eClassifiers xsi:type="ecore:EClass" name="Definitions" eSuperTypes="#//BaseElement">

<eStructuralFeatures xsi:type="ecore:EAttribute" name="name" ordered="false" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="targetNamespace" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="expressionLanguage" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"

defaultValueLiteral="http://www.w3.org/1999/XPath"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="typeLanguage" ordered="false"

lowerBound="1" eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"

defaultValueLiteral="http://www.w3.org/2001/XMLSchema"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="imports" ordered="false"

upperBound="-1" eType="#//Import" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="extensions" ordered="false"

upperBound="-1" eType="#//Extension" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="relationships" ordered="false"

upperBound="-1" eType="#//Relationship" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="rootElements" ordered="false"

upperBound="-1" eType="#//RootElement" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EReference" name="diagrams" ordered="false"

upperBound="-1" eType="ecore:EClass BPMNDI.ecore#//BPMNDiagram" containment="true"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="exporter" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

<eStructuralFeatures xsi:type="ecore:EAttribute" name="exporterVersion" ordered="false"

eType="ecore:EDataType http://www.eclipse.org/emf/2002/Ecore#//EString"/>

</eClassifiers>

</ecore:EPackage>

This is an example model based on “BPMN-Designer” metamodel:

<?xml version="1.0" encoding="ASCII"?>

<bpmn:Definitions xmi:version="2.0" xmlns:xmi="http://www.omg.org/XMI" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:bpmn="http://www.omg.org/spec/BPMN/20100524/MODEL-XMI" id="\_KkUY4Y8DEe-v648egk3nxQ">

<rootElements xsi:type="bpmn:Process" id="\_KkUY4I8DEe-v648egk3nxQ">

<flowElements xsi:type="bpmn:StartEvent" id="\_dDiegI8JEe-v648egk3nxQ" name="customer interested in bank offer" outgoing="\_pkQ0II8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_obWrUI8JEe-v648egk3nxQ" name="interview customer" outgoing="\_tBvnoI8JEe-v648egk3nxQ" incoming="\_pkQ0II8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_pkQ0II8JEe-v648egk3nxQ" targetRef="\_obWrUI8JEe-v648egk3nxQ" sourceRef="\_dDiegI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_qiungI8JEe-v648egk3nxQ" name="Prove/Provide Identity" outgoing="\_wYnc0I8JEe-v648egk3nxQ" incoming="\_tBvnoI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_tBvnoI8JEe-v648egk3nxQ" targetRef="\_qiungI8JEe-v648egk3nxQ" sourceRef="\_obWrUI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_t0sukI8JEe-v648egk3nxQ" name="Legal entity or individual?" outgoing="\_yVKpEI8JEe-v648egk3nxQ \_3rueEI8JEe-v648egk3nxQ" incoming="\_wYnc0I8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_wYnc0I8JEe-v648egk3nxQ" targetRef="\_t0sukI8JEe-v648egk3nxQ" sourceRef="\_qiungI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_w3ntAI8JEe-v648egk3nxQ" outgoing="\_AR0KII8KEe-v648egk3nxQ" incoming="\_yVKpEI8JEe-v648egk3nxQ \_KeNFoI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_yVKpEI8JEe-v648egk3nxQ" name="Individual person" targetRef="\_w3ntAI8JEe-v648egk3nxQ" sourceRef="\_t0sukI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_0FCrQI8JEe-v648egk3nxQ" name="document the identity of the economic owner" outgoing="\_J3GCUI8KEe-v648egk3nxQ" incoming="\_3rueEI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_3rueEI8JEe-v648egk3nxQ" name="Legal Entity" targetRef="\_0FCrQI8JEe-v648egk3nxQ" sourceRef="\_t0sukI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_9BHOYI8JEe-v648egk3nxQ" name="Obtain supporting data and documents of the customer" outgoing="\_EYfEkI8KEe-v648egk3nxQ" incoming="\_AR0KII8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_AR0KII8KEe-v648egk3nxQ" targetRef="\_9BHOYI8JEe-v648egk3nxQ" sourceRef="\_w3ntAI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_Cn4CkI8KEe-v648egk3nxQ" name="check customer documents" outgoing="\_RTXmoI8KEe-v648egk3nxQ" incoming="\_EYfEkI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_EYfEkI8KEe-v648egk3nxQ" targetRef="\_Cn4CkI8KEe-v648egk3nxQ" sourceRef="\_9BHOYI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_Gf0kgI8KEe-v648egk3nxQ" name="Identity of the economic owner certifiable?" outgoing="\_KeNFoI8KEe-v648egk3nxQ \_iTdqkI8KEe-v648egk3nxQ" incoming="\_J3GCUI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_J3GCUI8KEe-v648egk3nxQ" targetRef="\_Gf0kgI8KEe-v648egk3nxQ" sourceRef="\_0FCrQI8JEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_KeNFoI8KEe-v648egk3nxQ" name="Yes" targetRef="\_w3ntAI8JEe-v648egk3nxQ" sourceRef="\_Gf0kgI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_PiDaAI8KEe-v648egk3nxQ" name="Data Complete?" outgoing="\_VeProI8KEe-v648egk3nxQ \_YVC5oI8KEe-v648egk3nxQ" incoming="\_RTXmoI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_RTXmoI8KEe-v648egk3nxQ" targetRef="\_PiDaAI8KEe-v648egk3nxQ" sourceRef="\_Cn4CkI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_S02ngI8KEe-v648egk3nxQ" name="Complete Data and documents" outgoing="\_ehspII8KEe-v648egk3nxQ" incoming="\_VeProI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_VeProI8KEe-v648egk3nxQ" name="No" targetRef="\_S02ngI8KEe-v648egk3nxQ" sourceRef="\_PiDaAI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_X1QmUI8KEe-v648egk3nxQ" outgoing="\_fHKtsI8KEe-v648egk3nxQ" incoming="\_YVC5oI8KEe-v648egk3nxQ \_ehspII8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_YVC5oI8KEe-v648egk3nxQ" name="Yes" targetRef="\_X1QmUI8KEe-v648egk3nxQ" sourceRef="\_PiDaAI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_Z-PFAI8KEe-v648egk3nxQ" name="copy, sign, and scan documents" outgoing="\_ykV4EI8KEe-v648egk3nxQ" incoming="\_fHKtsI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_ehspII8KEe-v648egk3nxQ" targetRef="\_X1QmUI8KEe-v648egk3nxQ" sourceRef="\_S02ngI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_fHKtsI8KEe-v648egk3nxQ" targetRef="\_Z-PFAI8KEe-v648egk3nxQ" sourceRef="\_X1QmUI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_grUBAI8KEe-v648egk3nxQ" name="end business relation" outgoing="\_ki\_dMI8KEe-v648egk3nxQ" incoming="\_iTdqkI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_iTdqkI8KEe-v648egk3nxQ" name="No" targetRef="\_grUBAI8KEe-v648egk3nxQ" sourceRef="\_Gf0kgI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:EndEvent" id="\_jLYxEI8KEe-v648egk3nxQ" name="Business relation ended" incoming="\_ki\_dMI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_ki\_dMI8KEe-v648egk3nxQ" targetRef="\_jLYxEI8KEe-v648egk3nxQ" sourceRef="\_grUBAI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_vQwAYI8KEe-v648egk3nxQ" name="file documents in customer file" outgoing="\_7O50cI8KEe-v648egk3nxQ" incoming="\_ykV4EI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_ykV4EI8KEe-v648egk3nxQ" targetRef="\_vQwAYI8KEe-v648egk3nxQ" sourceRef="\_Z-PFAI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ParallelGateway" id="\_0E2BgI8KEe-v648egk3nxQ" outgoing="\_7rPLII8KEe-v648egk3nxQ \_HTVPoI8LEe-v648egk3nxQ" incoming="\_7O50cI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_0865AI8KEe-v648egk3nxQ" name="Add personal Data" outgoing="\_Tx5pII8LEe-v648egk3nxQ" incoming="\_7rPLII8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_7O50cI8KEe-v648egk3nxQ" targetRef="\_0E2BgI8KEe-v648egk3nxQ" sourceRef="\_vQwAYI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_7rPLII8KEe-v648egk3nxQ" targetRef="\_0865AI8KEe-v648egk3nxQ" sourceRef="\_0E2BgI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_Cal\_EI8LEe-v648egk3nxQ" name="Perform know your customer (KYC) activities" outgoing="\_UatVkI8LEe-v648egk3nxQ" incoming="\_HTVPoI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_HTVPoI8LEe-v648egk3nxQ" targetRef="\_Cal\_EI8LEe-v648egk3nxQ" sourceRef="\_0E2BgI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ParallelGateway" id="\_TSE5kI8LEe-v648egk3nxQ" outgoing="\_ZQFJEI8LEe-v648egk3nxQ" incoming="\_Tx5pII8LEe-v648egk3nxQ \_UatVkI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_Tx5pII8LEe-v648egk3nxQ" targetRef="\_TSE5kI8LEe-v648egk3nxQ" sourceRef="\_0865AI8KEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_UatVkI8LEe-v648egk3nxQ" targetRef="\_TSE5kI8LEe-v648egk3nxQ" sourceRef="\_Cal\_EI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_VGuuEI8LEe-v648egk3nxQ" name="Perform risk assessment of the customer" outgoing="\_neM0oI8LEe-v648egk3nxQ" incoming="\_ZQFJEI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_ZQFJEI8LEe-v648egk3nxQ" targetRef="\_VGuuEI8LEe-v648egk3nxQ" sourceRef="\_TSE5kI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_lkkZgI8LEe-v648egk3nxQ" name="Subject to approval" outgoing="\_tyHCsI8LEe-v648egk3nxQ \_vwv5oI8LEe-v648egk3nxQ" incoming="\_neM0oI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_neM0oI8LEe-v648egk3nxQ" targetRef="\_lkkZgI8LEe-v648egk3nxQ" sourceRef="\_VGuuEI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_pNWeEI8LEe-v648egk3nxQ" name="Check risk and decide about approval" outgoing="\_CMLTII8MEe-v648egk3nxQ" incoming="\_tyHCsI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_tyHCsI8LEe-v648egk3nxQ" name="Yes" targetRef="\_pNWeEI8LEe-v648egk3nxQ" sourceRef="\_lkkZgI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_vQY-kI8LEe-v648egk3nxQ" outgoing="\_0cIqsI8LEe-v648egk3nxQ" incoming="\_vwv5oI8LEe-v648egk3nxQ \_C\_hboI8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_vwv5oI8LEe-v648egk3nxQ" name="No" targetRef="\_vQY-kI8LEe-v648egk3nxQ" sourceRef="\_lkkZgI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_yW\_jII8LEe-v648egk3nxQ" name="document risk assessment" outgoing="\_9iLCII8LEe-v648egk3nxQ" incoming="\_0cIqsI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_0cIqsI8LEe-v648egk3nxQ" targetRef="\_yW\_jII8LEe-v648egk3nxQ" sourceRef="\_vQY-kI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SubProcess" id="\_6zGMwI8LEe-v648egk3nxQ" name="check for connected clients" outgoing="\_TDbkII8MEe-v648egk3nxQ" incoming="\_9iLCII8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_9iLCII8LEe-v648egk3nxQ" targetRef="\_6zGMwI8LEe-v648egk3nxQ" sourceRef="\_yW\_jII8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:ExclusiveGateway" id="\_BDE9EI8MEe-v648egk3nxQ" name="Approval" outgoing="\_C\_hboI8MEe-v648egk3nxQ \_KMQvII8MEe-v648egk3nxQ" incoming="\_CMLTII8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_CMLTII8MEe-v648egk3nxQ" targetRef="\_BDE9EI8MEe-v648egk3nxQ" sourceRef="\_pNWeEI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_C\_hboI8MEe-v648egk3nxQ" name="Yes" targetRef="\_vQY-kI8LEe-v648egk3nxQ" sourceRef="\_BDE9EI8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:Task" id="\_FcEWkI8MEe-v648egk3nxQ" name="Reject customer request" outgoing="\_LFVFII8MEe-v648egk3nxQ" incoming="\_KMQvII8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:EndEvent" id="\_HVZ2wI8MEe-v648egk3nxQ" name="No business relation created" incoming="\_LFVFII8MEe-v648egk3nxQ">

<eventDefinitions xsi:type="bpmn:SignalEventDefinition" id="\_HySnEI8MEe-v648egk3nxQ"/>

</flowElements>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_KMQvII8MEe-v648egk3nxQ" name="No" targetRef="\_FcEWkI8MEe-v648egk3nxQ" sourceRef="\_BDE9EI8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_LFVFII8MEe-v648egk3nxQ" targetRef="\_HVZ2wI8MEe-v648egk3nxQ" sourceRef="\_FcEWkI8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:UserTask" id="\_RQ7rwI8MEe-v648egk3nxQ" name="Create customer in the system" outgoing="\_f1h9oI8MEe-v648egk3nxQ" incoming="\_TDbkII8MEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_TDbkII8MEe-v648egk3nxQ" targetRef="\_RQ7rwI8MEe-v648egk3nxQ" sourceRef="\_6zGMwI8LEe-v648egk3nxQ"/>

<flowElements xsi:type="bpmn:EndEvent" id="\_cENBEI8MEe-v648egk3nxQ" name="identify determined and new customer created" incoming="\_f1h9oI8MEe-v648egk3nxQ">

<eventDefinitions xsi:type="bpmn:SignalEventDefinition" id="\_e6stEI8MEe-v648egk3nxQ"/>

</flowElements>

<flowElements xsi:type="bpmn:SequenceFlow" id="\_f1h9oI8MEe-v648egk3nxQ" targetRef="\_cENBEI8MEe-v648egk3nxQ" sourceRef="\_RQ7rwI8MEe-v648egk3nxQ"/>

<laneSets id="\_L9VaQY8DEe-v648egk3nxQ" name="Bank">

<lanes id="\_L9WBUI8DEe-v648egk3nxQ" name="Private Customer Account Manager" flowNodeRefs="\_dDiegI8JEe-v648egk3nxQ \_obWrUI8JEe-v648egk3nxQ \_qiungI8JEe-v648egk3nxQ \_t0sukI8JEe-v648egk3nxQ \_w3ntAI8JEe-v648egk3nxQ \_9BHOYI8JEe-v648egk3nxQ \_Cn4CkI8KEe-v648egk3nxQ \_PiDaAI8KEe-v648egk3nxQ \_S02ngI8KEe-v648egk3nxQ \_X1QmUI8KEe-v648egk3nxQ \_Z-PFAI8KEe-v648egk3nxQ \_vQwAYI8KEe-v648egk3nxQ \_0E2BgI8KEe-v648egk3nxQ \_0865AI8KEe-v648egk3nxQ \_Cal\_EI8LEe-v648egk3nxQ \_TSE5kI8LEe-v648egk3nxQ \_VGuuEI8LEe-v648egk3nxQ \_lkkZgI8LEe-v648egk3nxQ \_vQY-kI8LEe-v648egk3nxQ \_yW\_jII8LEe-v648egk3nxQ \_6zGMwI8LEe-v648egk3nxQ \_RQ7rwI8MEe-v648egk3nxQ \_cENBEI8MEe-v648egk3nxQ">

<extensionValues id="\_5J3QAI8JEe-v648egk3nxQ">

<value xsi:type="bpmn:DataObject" id="\_5J33EI8JEe-v648egk3nxQ" name="ID document [for analysis]"/>

</extensionValues>

<extensionValues id="\_MLqtAI8KEe-v648egk3nxQ">

<value xsi:type="bpmn:DataObject" id="\_MLqtAY8KEe-v648egk3nxQ" name="ID document [analysed]"/>

</extensionValues>

<extensionValues id="\_qXDGgI8KEe-v648egk3nxQ">

<value xsi:type="bpmn:DataObject" id="\_qXDtkI8KEe-v648egk3nxQ" name="Id document [scanned]"/>

</extensionValues>

<extensionValues id="\_3ZTb4I8KEe-v648egk3nxQ">

<value xsi:type="bpmn:DataStore" id="\_3ZUC8I8KEe-v648egk3nxQ" name="Customer Data (temporary storage)"/>

</extensionValues>

<extensionValues id="\_9yytgI8KEe-v648egk3nxQ">

<value xsi:type="bpmn:DataObject" id="\_9yytgY8KEe-v648egk3nxQ" name="customer data [for KYC analysis]"/>

</extensionValues>

<extensionValues id="\_aStqwI8LEe-v648egk3nxQ">

<value xsi:type="bpmn:DataObject" id="\_aStqwY8LEe-v648egk3nxQ" name="Customer data [for risk assessment]"/>

</extensionValues>

<extensionValues id="\_L8Z3EI8MEe-v648egk3nxQ">

<value xsi:type="bpmn:DataObject" id="\_L8Z3EY8MEe-v648egk3nxQ" name="Customer data [with connected clients analysis]"/>

</extensionValues>

<extensionValues id="\_WEL\_YI8MEe-v648egk3nxQ">

<value xsi:type="bpmn:DataStore" id="\_WEL\_YY8MEe-v648egk3nxQ" name="Bank System"/>

</extensionValues>

<extensionValues id="\_YcTGQI8MEe-v648egk3nxQ">

<value xsi:type="bpmn:DataStore" id="\_YcTGQY8MEe-v648egk3nxQ" name="Customer Data (temporary storage)"/>

</extensionValues>

</lanes>

<lanes id="\_O5n9gI8JEe-v648egk3nxQ" name="Corporate Account Manager" flowNodeRefs="\_0FCrQI8JEe-v648egk3nxQ \_Gf0kgI8KEe-v648egk3nxQ \_grUBAI8KEe-v648egk3nxQ \_jLYxEI8KEe-v648egk3nxQ"/>

<lanes id="\_RFUZAI8JEe-v648egk3nxQ" name="Head of Market Service" flowNodeRefs="\_pNWeEI8LEe-v648egk3nxQ \_BDE9EI8MEe-v648egk3nxQ \_FcEWkI8MEe-v648egk3nxQ \_HVZ2wI8MEe-v648egk3nxQ"/>

</laneSets>

<artifacts xsi:type="bpmn:Association" id="\_8FLxoI8JEe-v648egk3nxQ" sourceRef="\_qiungI8JEe-v648egk3nxQ" targetRef="\_5J33EI8JEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_BEBDII8KEe-v648egk3nxQ" sourceRef="\_5J33EI8JEe-v648egk3nxQ" targetRef="\_9BHOYI8JEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_BxaUoI8KEe-v648egk3nxQ" sourceRef="\_5J33EI8JEe-v648egk3nxQ" targetRef="\_0FCrQI8JEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_E5hVEI8KEe-v648egk3nxQ" sourceRef="\_5J33EI8JEe-v648egk3nxQ" targetRef="\_Cn4CkI8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_O8J3oI8KEe-v648egk3nxQ" sourceRef="\_Cn4CkI8KEe-v648egk3nxQ" targetRef="\_MLqtAY8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_WP6ZII8KEe-v648egk3nxQ" sourceRef="\_S02ngI8KEe-v648egk3nxQ" targetRef="\_MLqtAY8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_c38dEI8KEe-v648egk3nxQ" sourceRef="\_MLqtAY8KEe-v648egk3nxQ" targetRef="\_Z-PFAI8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_uY3WII8KEe-v648egk3nxQ" sourceRef="\_Z-PFAI8KEe-v648egk3nxQ" targetRef="\_qXDtkI8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_xik5EI8KEe-v648egk3nxQ" sourceRef="\_qXDtkI8KEe-v648egk3nxQ" targetRef="\_vQwAYI8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_8SxsQI8KEe-v648egk3nxQ" sourceRef="\_vQwAYI8KEe-v648egk3nxQ" targetRef="\_3ZUC8I8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_9JbncI8KEe-v648egk3nxQ" sourceRef="\_0865AI8KEe-v648egk3nxQ" targetRef="\_3ZUC8I8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_BbIGII8LEe-v648egk3nxQ" sourceRef="\_0865AI8KEe-v648egk3nxQ" targetRef="\_9yytgY8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_IUvCQI8LEe-v648egk3nxQ" sourceRef="\_9yytgY8KEe-v648egk3nxQ" targetRef="\_Cal\_EI8LEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_YSjw4I8LEe-v648egk3nxQ" sourceRef="\_VGuuEI8LEe-v648egk3nxQ" targetRef="\_3ZUC8I8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_dFc4II8LEe-v648egk3nxQ" sourceRef="\_Cal\_EI8LEe-v648egk3nxQ" targetRef="\_aStqwY8LEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_drXooI8LEe-v648egk3nxQ" sourceRef="\_aStqwY8LEe-v648egk3nxQ" targetRef="\_VGuuEI8LEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_fV3bkI8LEe-v648egk3nxQ" sourceRef="\_Cal\_EI8LEe-v648egk3nxQ" targetRef="\_3ZUC8I8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_snaKII8LEe-v648egk3nxQ" sourceRef="\_aStqwY8LEe-v648egk3nxQ" targetRef="\_pNWeEI8LEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_1LSPsI8LEe-v648egk3nxQ" sourceRef="\_yW\_jII8LEe-v648egk3nxQ" targetRef="\_3ZUC8I8KEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_4L\_noI8LEe-v648egk3nxQ" sourceRef="\_aStqwY8LEe-v648egk3nxQ" targetRef="\_yW\_jII8LEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_-pDKoI8LEe-v648egk3nxQ" sourceRef="\_aStqwY8LEe-v648egk3nxQ" targetRef="\_6zGMwI8LEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_QLVVoI8MEe-v648egk3nxQ" sourceRef="\_6zGMwI8LEe-v648egk3nxQ" targetRef="\_L8Z3EY8MEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_TqCRII8MEe-v648egk3nxQ" sourceRef="\_L8Z3EY8MEe-v648egk3nxQ" targetRef="\_RQ7rwI8MEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_XzTzoI8MEe-v648egk3nxQ" sourceRef="\_RQ7rwI8MEe-v648egk3nxQ" targetRef="\_WEL\_YY8MEe-v648egk3nxQ"/>

<artifacts xsi:type="bpmn:Association" id="\_bVF4UI8MEe-v648egk3nxQ" sourceRef="\_YcTGQY8MEe-v648egk3nxQ" targetRef="\_RQ7rwI8MEe-v648egk3nxQ"/>

</rootElements>

</bpmn:Definitions>

This is the XES trace file representing the modeling step done when we created the example BPMN model based on “BPMN Designer” metamodel:

**event Process laneSets ADD**

**event LaneSet lanes ADD**

**event LaneSet name SET**

**event Lane name SET**

**event LaneSet lanes ADD**

**event Lane name SET**

**event LaneSet lanes MOVE**

**event LaneSet lanes ADD**

**event Lane name SET**

**event LaneSet lanes MOVE**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event StartEvent name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Task name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Process flowElements ADD**

**event StartEvent outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event ExclusiveGateway name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataObject name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event ExclusiveGateway name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataObject name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event ExclusiveGateway name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event EndEvent name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event EndEvent incoming ADD**

**event SequenceFlow targetRef SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataObject name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataStore name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ParallelGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event ParallelGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataObject name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event ParallelGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ParallelGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ParallelGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event ParallelGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataObject name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event ExclusiveGateway name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event SubProcess name SET**

**event Lane flowNodeRefs ADD**

**event SubProcess name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event SubProcess incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event ExclusiveGateway name SET**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event ExclusiveGateway incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event Task name SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event EndEvent eventDefinitions ADD**

**event EndEvent name SET**

**event Process flowElements ADD**

**event ExclusiveGateway outgoing ADD**

**event SequenceFlow sourceRef SET**

**event Task incoming ADD**

**event SequenceFlow targetRef SET**

**event SequenceFlow name SET**

**event Process flowElements ADD**

**event Task outgoing ADD**

**event SequenceFlow sourceRef SET**

**event EndEvent incoming ADD**

**event SequenceFlow targetRef SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataObject name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event UserTask name SET**

**event Process flowElements ADD**

**event SubProcess outgoing ADD**

**event SequenceFlow sourceRef SET**

**event UserTask incoming ADD**

**event SequenceFlow targetRef SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataStore name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Lane extensionValues ADD**

**event ExtensionAttributeValue value SET**

**event DataStore name SET**

**event Process artifacts ADD**

**event Association sourceRef SET**

**event Association targetRef SET**

**event Process flowElements ADD**

**event Lane flowNodeRefs ADD**

**event EndEvent name SET**

**event EndEvent eventDefinitions ADD**

**event Process flowElements ADD**

**event UserTask outgoing ADD**

**event SequenceFlow sourceRef SET**

**event EndEvent incoming ADD**

**event SequenceFlow targetRef SET**

Generate the full XES trace file from the following “BPMN-Designer” model, where the model represents another BPMN model: