

# BPMN modeler project Creation review

Wednesday, Oct. 29 8am PT

Feedback and communication:  
[eclipse.bpmn-modeler](mailto:eclipse.bpmn-modeler@nagasaki-nippon.com) newsgroup

- In a nutshell
- Goal and scope
- Architecture
- Code contribution
- Committers
- Contributors
- Interested parties
- Eclipse synergies
- Roadmap
- More information

- The BPMN modeler is a graphical editor to model Business Process Modeling Notation (BPMN) diagrams compatible with the BPMN 1.0 and BPMN 1.1 specifications proposed by the Object Management Group.
- BPMN modeler currently a SOA Tools component, released 1.0 for Ganymede.
- The aim of this proposal is to transform the actual STP/BPMN component into a sub-project of SOA Tools

## ■ Goal

- building an usable and extensible graphical modeler.

## ■ Purpose

- Provide a first class user experience
- Provide a graphical notation according to the BPMN standard.
- Provide ways to extend the modeler to integrate it within commercial products.

## ■ Out of scope

- Generation of Java or BPEL code: see STP-IM and JWT for coverage of those areas
- Transformation towards other models (see STP-IM)

- **BPMN model:** This component is the core of the modeler. It represents the EMF model used to persist the BPMN diagrams.
- **BPMN diagram:** This component should be in charge of the diagram editor itself. It would represent the editor and all its tools.
- **BPMN validation:** This component represents the BPMN validator, it enforces the BPMN specification by flagging the invalid shapes with warnings and errors. It should also come with quickfixes.

- The initial code contribution will be the current STP/BPMN component code.

- Antoine Toulme (project lead), Intalio Inc.
  - Antoine holds a master of research in computer sciences from Troyes University of Technology in France. He is a committer over the BPMN component of the STP project. He is also an active contributor over the Babel project.
- Hugues Malphettes, Intalio Inc.
  - Hugues holds a master of computer sciences from Ecole Centrale de Lyon in France. He leads the development of Intalio's BPMS Designer. He is the current component lead for the STP/BPMN project.

- Benoit Beaudet – Techsolcom
- Till Essers



- Oisin Hurley, STP project lead, IONA
- Benoit Beaudet, Techsolcom
- Andrea Zoppello, Engineering Ingegneria Informatica
- Marc Dutoo, JWT project lead, OpenWide
- Florian Lautenbacher, JWT Project Lead, University of Augsburg
- Andrei Shakirin, Swordfish Project, Sopera
- Gerald Preissler, Swordfish Project, Sopera
- Alexei Markevich, Swordfish Project, Sopera

## ■ STP

- Intermediate Model component planned to work on transformations between the IM and the BPMN Domain Model.

## ■ MDT

- The BPMN 2 component works on creating a standard metamodel implementing the BPMN 2.0 specification. The BPMN subproject is interested into collaborating with this component to align its metamodel to BPMN 2.0 by migrating to their metamodel and/or implementing an exporting tool.

- EMF project is used to generate the BPMN Domain Model.

- EMF Validation Framework is used to implement the additional validation rules.

- GMF project is used to generate the BPMN Designer.

- Eclipse Packaging Project will be used to create a stand-alone Eclipse product to deliver the BPMN modeler.

- **March 2008: BPMN modeler 1.1M6**
  - Implement quick fixes: we have added validation to our diagrams, now we want people to be able to right-click and fix the problem they encounter.
  - Add an export tool a la Eclipse Spaces. Be able to deploy a diagram as a zip file, associated with an image and a description.
- **June 2009: BPMN modeler 1.1**
  - Interface with the BPMN 2.0 component metamodel.
  - Package the BPMN modeler as part of a modeling practitioners Eclipse Product (see bug 240141)

- BPMN website
  - <http://www.eclipse.org/stp/bpmn>
- BPMN wiki
  - [http://wiki.eclipse.org/STP/BPMN\\_Component](http://wiki.eclipse.org/STP/BPMN_Component)
- Declaration for the BPMN Sub-Project
  - <http://www.eclipse.org/proposals/bpmn-modeler>
- BPMN newsgroup
  - <news://news.eclipse.org/eclipse.bpmn-modeler>
  - Starting point for questions
- BPMN Bugzilla
  - <http://tinyurl.com/3quzjp>
- BPMN SVN repository
  - [http://dev.eclipse.org/viewsvn/index.cgi/org.eclipse.stp.bpmn/trunk/?root=STP\\_SVN](http://dev.eclipse.org/viewsvn/index.cgi/org.eclipse.stp.bpmn/trunk/?root=STP_SVN)
- Presentation at EclipseCon 2008
  - <http://www.eclipsecon.org/2008/?page=sub/&id=496>
- Tutorial
  - [http://wiki.eclipse.org/STP/BPMN\\_Component/EclipseCon2008](http://wiki.eclipse.org/STP/BPMN_Component/EclipseCon2008)

Thank you for your attention!