STP – Intermediate Model Galileo Simultaneous Release Review

June 10, 2009

What is STP-IM?

Bridges different SOA platforms in STP

- Workflow / process: e.g. BPMN, BPEL
- Architecture specification: e.g. SCA, EID, JBI
- Service Creation: e.g. JAX-WS, Policy Specification
- Facilitates interoperability between editors
 - Provides a central SOA conceptual bridge
 - Avoids duplication of data
 - Minimizes amount of transformation code
 - Facilitates code generation from a variety of source

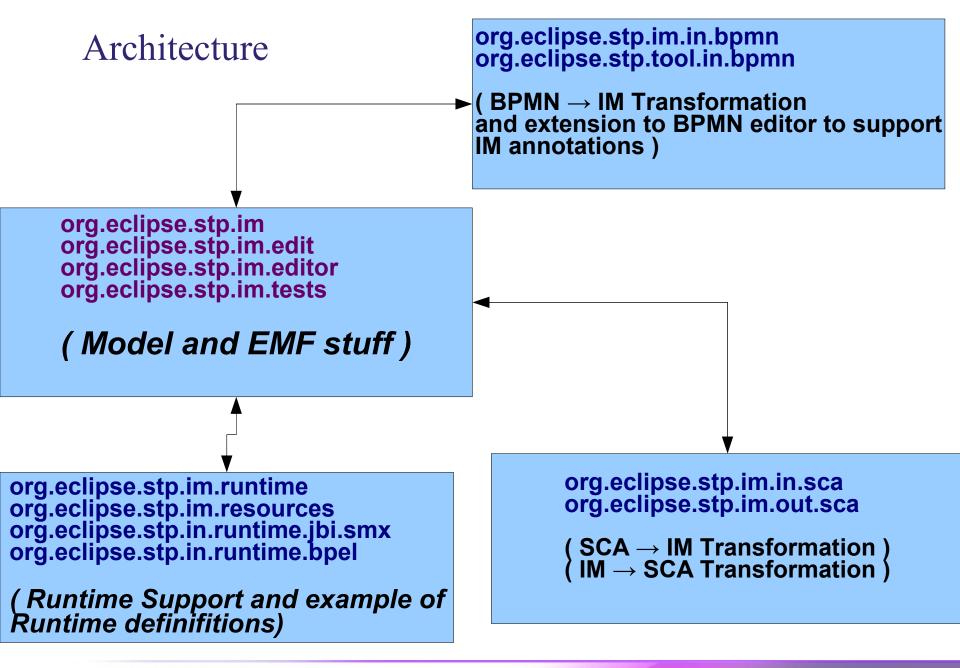
Improves the overall functionality of STP

Available Transformations (in the repository)

- BPMN to STP-IM
- SCA to STP-IM (basic functionality)
- STP-IM to SCA (basic functionality)

Used in production in Spagic 2.0

- Additional JBI support
- BPEL support (to be transferred to STP)



Non-Code Aspects

3 New Committers (soon after Galileo Release)

Conferences

Eclipse Con 2009

Schedule

Plan to include external contributions

- STP-IM to BPMN (Engineering Ing. Informatica)
 STP-IM to BPEL (Engineering Ing. Informatica)
- STP-IM Builder (Juan Cadavid)

The API is the EMF model for the Intermediate Model (org.eclipse.stp.im)

Documentation

Wiki

http://wiki.eclipse.org/STP/IM Component

Metamodel Definitions

http://wiki.eclipse.org/STP/IM Component/STP Intermediate Metamod

Integrations and New Features

- http://wiki.eclipse.org/STP/IM_Component/Transformations
 http://wiki.eclipse.org/STP/IM_Component/IM_Builder

Standards

The STP-IM define a model according to the standards of EMF

End of life

No specific end-of line concerns

Synergies

With other Eclipse Project

- EMF is used to define the IM model and to generate the code to handle it
- STP BPMN integration. BPMN could produce an IM model using the BPMN to IM transformation
- IM could generate SCA artifact that could be used by the SCA Tools

With other communities

- OW2.The Spagic Project use the IM as base, to build a complete SOA/BPMN solution
- French National Research Agency partially support the development of IM through JOnES and SCOrWARE projects

Bugzilla

Status

		NEW	RESOLVED	Total
Severity	critical	-	1	<u>1</u>
	normal	2	<u>1</u>	<u>3</u>
	trivial	23	<u>1</u>	1
	enhancement	<u>6</u>	2	<u>8</u>
	Total	<u>8</u>	<u>5</u>	<u>13</u>

IP

Developers understand and adheres to Eclipse Development Process, committers responsibilities and due diligence rules, as well as the Eclipse IP Policy

IPLog

http://www.eclipse.org/stp/development/ip_log.php

Project Plan

June 2009

- Galileo Release.

September – December 2009

- IM Builder (external contribution integration)
- IM to BPMN (external contribution integration)
- IM to BPEL (external contribution integration)

Team

Adrian Mos (INRIA)

Andrea Zoppello (Engineering. Ing. Informatica S.p.A)