



Java Workflow Tooling (JWT)

Move Review March 17 2010

Transition from Technology to SOA

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Overview



- About JWT
- Reasons to move to SOA TLP
- Communication

About JWT - Overview



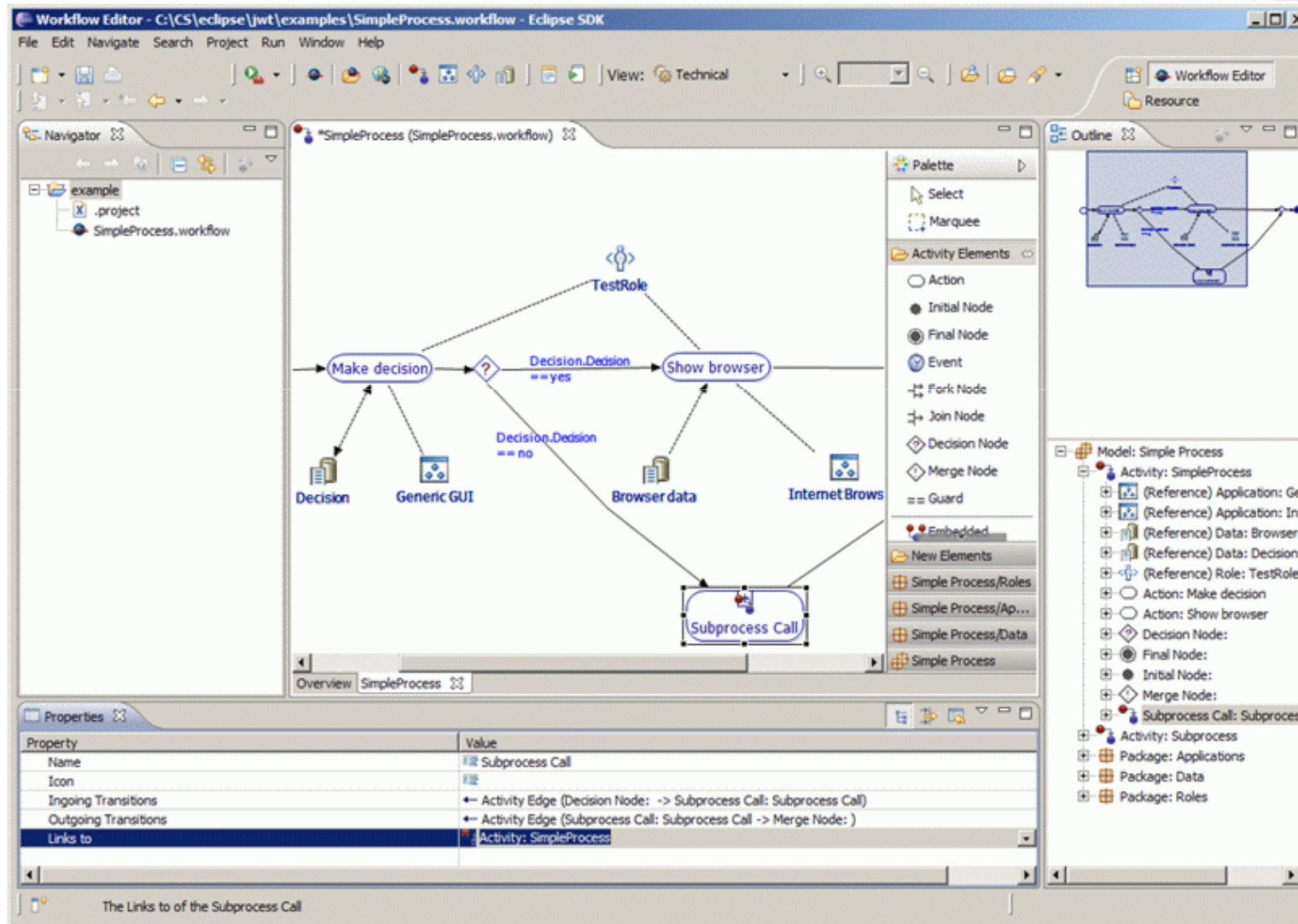
Java Workflow Tooling (JWT) aims at providing a complete Business Process Management (BPM) and workflow tooling platform

A special focus lies on a unified approach to BPM design, allowing to bridge the gap between different process representations, standards, engines and deployment environments (platforms, information systems, SOA)

Goals

- Support for workflow and business process modeling, deployment, execution and monitoring inside Eclipse
- Provide a complete, flexible, interoperable and usable BPM toolkit
- Set of generic and extensible plugins and APIs
- Extensions allowing support for specific business representations, process language formats, process engines, service platforms, etc.
- Targeting and supporting SOA in close collaboration with the former Eclipse STP projects

JWT Screenshot

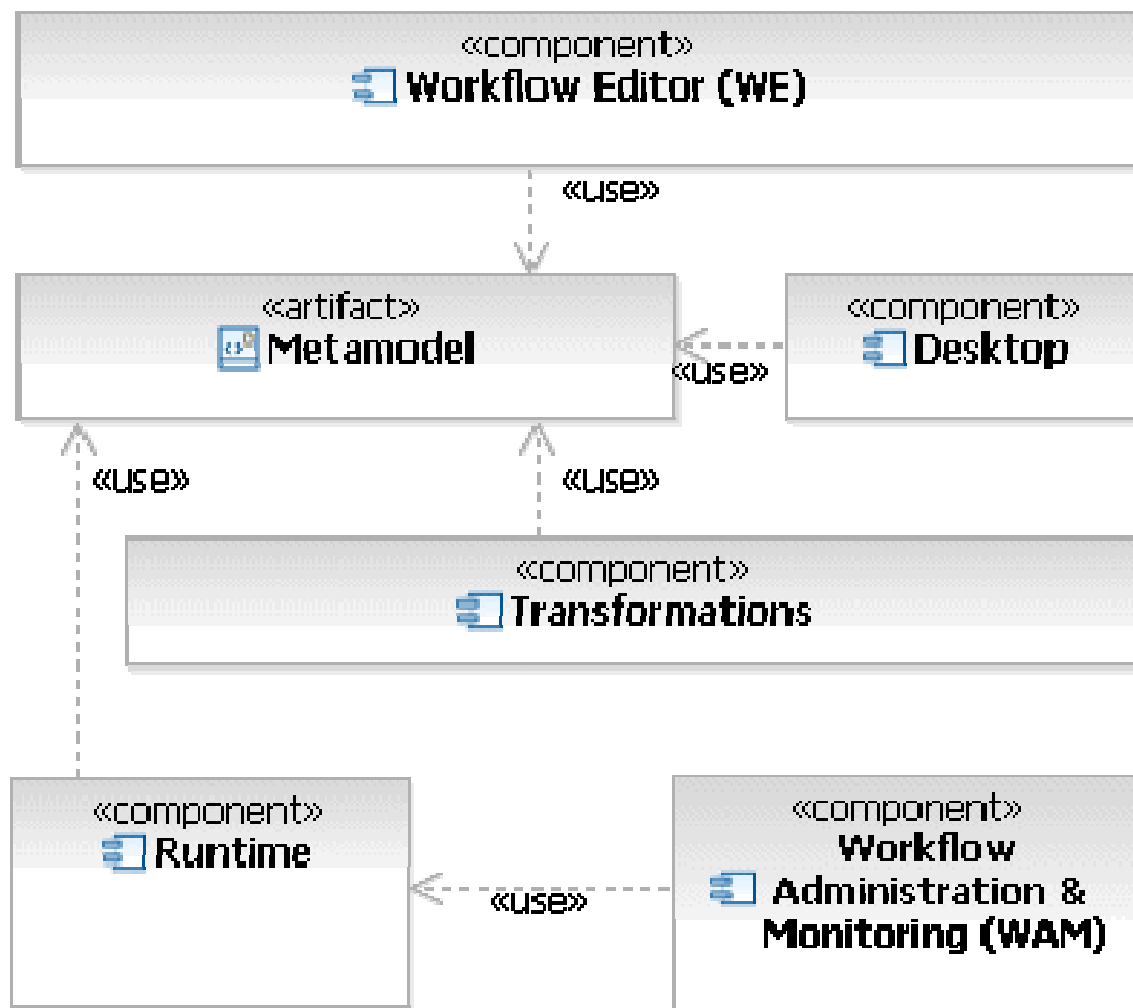


About JWT – Tool Usability



- JWT enables a user to model his/her processes and workflows and use these models not only for documentation, but also for execution.
- The model can be used to generate code in different languages (such as XPDL)
- The model can be transformed to other models (e.g. STP BPMN).
- It already provides several extension points where others can build on it and extend several parts of the editor.
- If necessary, the meta-model can be adapted to the needs of each user.

About JWT - Components of JWT



About JWT - Status



- JWT is a mature Technology project, already part of the yearly release train since Galileo
- Currently still in Incubation phase, but graduation release is planned for 2010 (alongside or after Helios release)
- The usage of JWT (Workflow Editor, Transformations, ...) is well documented in its Wiki
- Several pages on the wiki provide developer documentation. All extension possibilities by external plugins are documented there, and have examples that are available at least in the CVS.
- Ongoing development and active mailing list

Reasons to move to SOA TLP



- Initially placed in Technology with the idea of reaching the required level of maturity before being transferred into a fitting TLP
- As a basis for designing executable workflows and building custom workflow tooling solution, JWT naturally fits into a SOA-based environment, and already provides
 - built-in integration with SOA tools, e.g. transformations to / from STP-IM.
 - Integration with SOA runtimes is available through integrators, e.g. the SCA-based OW2 Scarbo solution.
- Eclipse SOA will allow JWT to have a better, more complete, more consistent SOA integration, by including support for
 - additional SOA standards and interfaces, through SOA Mangrove
 - an Eclipse-based SOA experience, through OSGi & Swordfish SOA runtime
 - For additional process runtime environments or monitoring tools like the proposed eBAM, also planned to be included in SOA TLP
- JWT will provide Eclipse SOA with a more flexible business-oriented experience, thanks to customizable views, models and transformations

Project layout



- JWT will become a subproject under the new SOA top level project
- All parts (plugins) of JWT will be moved, no changes in the overall project structure
- Change in the project lead
 - Current project co-lead Florian Lautenbacher steps down but retains committer rights (change of job lead unfortunately to reduced time)
 - Current committer Christian Saad becomes new project co-lead
 - No other changes in project leads / committer status

Move Plan - 1



- CVS/SVN
 - Currently /cvsroot/technology/org.eclipse.jwt
 - The JWT CVS repository is moved to the SOA SVN

- Request that the following active committers move with the projects to continue development :
 - Alain Boulze (aboulze)
 - Guillaume Decarnin (gdecarnin)
 - Stephane Drapeau (sdrapeau)
 - Mickael Istria (mistria)
 - Florian Lautenbacher (flautenba)
 - Christian Saad (csaad)

Move Plan - 2



- Bugzilla
 - Move product JWT from Technology to SOA TLP
- Mailing List
 - <https://dev.eclipse.org/mailman/listinfo/jwt-dev>
 - No need to change mailing list
- Newsgroup
 - <news://news.eclipse.org/eclipse.technology.jwt>
 - Move to <news://news.eclipse.org/eclipse.jwt>
- Website
 - <http://www.eclipse.org/jwt/>
 - JWT is integrated in the SOA page <http://www.eclipse.org/soa/>

Approvals



- Approval from Technology PMC to leave
 - Wayne Beaton (Technology PMC) approved the move to SOA TLP
- Approval from SOA PMC to join
 - <http://dev.eclipse.org/mhonarc/lists/soa-pmc/msg00031.html>
- Announcement in SOA-IWG mailing list
 - <http://dev.eclipse.org/mhonarc/lists/soa-iwg/msg00197.html>

Project plan and IP log



- The current project plan can be found at
 - <http://www.eclipse.org/projects/project-plan.php?projectid=technology.jwt>
- The IP log can be found at
 - http://www.eclipse.org/projects/ip_log.php?projectid=technology.jwt
 - Currently no open IP requests

Communication



- **Project Leads**
 - Marc Dutoo, Open Wide
 - Christian Saad, University of Augsburg (new co-lead)
 - Florian Lautenbacher, University of Augsburg (former co-lead)

- **Communication Channel**
 - JWT Mailing List: jwt-dev@eclipse.org