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Program Committee
Eclipse Summit Europe 2007

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Eclipse Summit Europe 2007

In our talk we will present the current work in the Java Workflow Tooling (JWT) project.

Title: Java Workflow Tooling

Content:

The goal of the JWT project is to develop a set of tools that help to develop, deploy and test workflows. JWT is not just another modeling tool and workflow engine, but provides an adaptable framework for different graphical representations and XML notations, as well as different workflow engines.

The JWT project aims to provide both build-time and runtime generic tools for workflow engines. The Java workflow tooling is composed of two tools, the workflow editor (WE) and the workflow engine administration and monitoring tool (WAM).

The WE is a visual tool for creating, managing and reviewing process definitions. Straightforward and simple, WE let users quickly create workflow process definitions, check and store them for further use. Once a process definition is proved valid, it can be imported/referenced into new ones, thus shortening the time and effort needed to define the workflow process. WE provides several views: for business managers to change the control flow of a process, for technical experts to invoke services, and others.

The WAM on the other side is used to deploy and test a workflow in a workflow engine so to handle an engine's process definition external repository, to load some process definitions into a specific Workflow Engine, unload it, update it, instantiate it, monitor the Workflow Engines processes, perform mappings among participant definitions and real users, and among application definitions and tool agents.

Since we will submit the first code in mid-summer, the Eclipse Summit Europe would be a perfect opportunity for us to present the goals, the code and the vision to the people. In our talk we will also outline the achieved work so far and the plans for the future.

Best regards,

Florian Lautenbacher
 -JWT project lead-

(in accordance with the second project lead and the other JWT members)

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