Graphical Editor for Job Structure Configuration in Java EE 7 Batch API
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MOTIVATION
- Java EE Batch is a standard for batch applications
- Visualization in form of workflow diagrams
- No usable graphical editor for Eclipse

GOAL
- Create first graphical editor of JSR-352 files for Eclipse
- Offer the code to open source communities

SOLUTION
- Extension of Eclipse-based JBoss Tools IDE
- Sapphire framework

FEATURES
- Graphical manipulation with Batch entities
- Auto-propagation of changes between diagram, XML and tree-form editors
- Dynamic content assist

RESULTS
- Editor officially available in JBoss Developer Studio 9 release (October 2015)
- Source code accepted and merged to JBoss Tools codebase [1]
- Articles on JBoss Tools blog [2], [3]