

Web Tools Platform (WTP) 3.1

for the Galileo Simultaneous Release Review

Brief Overview Review Materials

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Prepared by David Williams and sub-project leads

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Introduction and Purpose

This document is to fulfill the requirements of the [Eclipse Release Review](#)¹ for WTP 3.1 planned for release at the end of June, 2009. This is the brief, overview version of the full release materials.

WTP has been active for many years with its first release in 2005. Over the years, WTP has grown (and reorganized) and now consist of several sub-projects: Common Tools, Dali (JPA Tools), EJB Tools, Java EE Tools, JSF Tools, Server Tools, Source Editing, Web Services, Release Engineering, and several incubating sub-projects and components.

Noteworthy Features added for this release

We document all our [new and noteworthy items](#)² for each milestone, for every release. The following summarizes the new functionality provided by each sub-project this release.

Common Components

- Several enhancements and improvements to existing functionality.

Server Tools

- Several enhancements and improvements to existing functionality.

Source Editing

- Added XSL and Xpath Editing, Debugging and Tools

Web Service Tools

- Several enhancements and improvements to existing functionality.

JEE Tools

- New wizard page in Java EE project wizards for configuring Java facets
- Better compliance with the UI guidelines for the Dynamic Web and EAR project wizards
- Improved default layout of the Java EE perspective
- Java EE preferences page introduced
- Avoid having the .JETEmitter system project in workspace by default
- Easier creation of new Servlets from existing Servlets and JSP pages
- Easier creation of new Filters from existing Servlets and JSP pages

EJB Tools

1 http://www.eclipse.org/projects/dev_process/release-review.php

2 <http://www.eclipse.org/webtools/development/news/main.php>

- Better compliance with the UI guidelines for the EJB project wizard

JSF Tools

- Support for Apache MyFaces Trinidad components
- New Library Management facility

Dali

- Multiple XML Mapping File support
- New and improved Entity Generation from Tables wizard
- Improved Joining Strategy UI
- Table-per-concrete-class inheritance support
- New Library Management facility
- EclipseLink features
 - New Platform for EclipseLink 1.1
 - Caching support
 - Entity and Attribute mapping support
 - Converter support
 - EclipseLink XML Mapping file support

Quality (Bugzilla)

Our overall bug rate is approximately 60 resolutions per week, on average. Our backlog increased by around 650 bugs (approximately), which is an increase of 21% (approximately). Approximately 1/3 of the increase is attributable to Enhancement requests. We also saw a much smaller number of WONTFIX resolutions. The statistics in the following table reflect activity since the previous release (for the period May 20th, 2008 to May 29, 2009)

Bugs opened	3773
Bugs resolved	3117
Fixed	2321
Invalid	157
Wontfix	133
Duplicate	313
Worksforme	173
Not Eclipse	23

Communities

Committers and Contributors

We have a very diverse group of committers, from many companies, that sees a moderate amount of change over the years, (some people leaving, new people come on board).

End-User Community

WTP is one of the most popular downloads at Eclipse. Another way we contribute to the overall usefulness experience to Eclipse end-users is to participate in the EPP packaging project, by “owning” the JEE Developers IDE package.

A significant addition to “user” documentation is an educational materials section on our website.

Adopter Community

There are many, known adopters, both commercial, other Eclipse Projects, and other open source projects: IBM – Rational Application Developer, Oracle WebLogic Studio, Eteration – Lomboz, Genuitec – MyEclipse, JBoss – JBoss IDE, SAP – NetWeaver Studio, PHP Development Tools, etc.

IP Issues

<in progress>