

# Web Tools Platform (WTP) 3.2

## *for the Helios Simultaneous Release Review*

Brief Overview Review Materials  
June 11, 2010

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## Table of Contents

Introduction and Purpose.....	1
Noteworthy Features added for this release.....	1
Communities.....	2

### Introduction and Purpose

This document is to fulfill the requirements of the [Eclipse Release Review](#)<sup>1</sup> for WTP 3.2 planned for release at the end of June, 2010. This is the brief, overview version of the full release materials.

WTP has been active for many years with its first release in 2005. WTP consists of several sub-projects: Common Tools, Dali (JPA Tools), EJB Tools, Java EE Tools, JSF Tools, Server Tools, JavaScript Development Tools (JSDT), Source Editing, and Web Services. JSDT is a new sub-project this year. Previously most of it was a component in the Source Editing project, but it was broken out this year to add to its visibility and independence.

### Noteworthy Features added for this release

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

#### Common Tools

- Several enhancements and improvements to existing functionality.

#### Server Tools

- Several enhancements and improvements to existing functionality.

#### JavaScript Development Tools (JSDT)

- Improved editing, navigation, and introduced a debug framework.

#### Source Editing

- Several enhancements and improvements to existing functionality.

#### Web Service Tools

- Several enhancements and improvements to existing functionality. New this year is the addition of JAX-WS specific function, which has been incubating in previous years, but it graduated into Web Services project earlier this year. Also added JAX-RS support.

#### Java EE Tools

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1 [http://www.eclipse.org/projects/dev\\_process/release-review.php](http://www.eclipse.org/projects/dev_process/release-review.php)

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

- Java EE 6 support, including Servlet 3.0 support.

#### EJB Tools

- EJB 3.1 support

#### JSF Tools

- JSF 2.0 support

#### Dali

- Extensive JPA 2.0 support
- EclipseLink 2.x support

## Quality (Bugzilla)

Our overall bug rate is approximately 70 resolutions per week, on average. Our backlog decreased by around 339 bugs (approximately), which is a decrease of 9% (approximately). The statistics in the following table reflect activity since the previous release (for the period May 29th, 2009 to May 25, 2010)

Bugs opened	3434
Bugs resolved	3668
Fixed	2529
Invalid	145
Wontfix	244
Duplicate	377
Worksforme	344
Not Eclipse	29

## Communities

### Committers and Contributors

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

### End-User Community

WTP is one of the most popular downloads at Eclipse. We contribute to the overall usefulness experience to Eclipse end-users by participating in the EPP packaging project, by “owning” the JEE Developers IDE package, and, new this year, the JavaScript Developers IDE.

### Adopter Community

There are many, known adopters, both commercial, other Eclipse Projects, and other open source projects: IBM – Rational Application Developer, Oracle Corporation - Oracle Enterprise Pack For Eclipse (OEPE), Eteration – Lomboz, Genuitec – MyEclipse, JBoss – JBoss IDE, SAP – NetWeaver Studio, Zend Technologies Ltd. – Zend Studio, PHP Development Tools, etc.