

# *PHP Development Tools 2.1*

## *Release Review*

The Eclipse logo, featuring a dark sphere with a bright light source on the left, creating a lens flare effect. The word "eclipse" is written in white lowercase letters across the center of the sphere.

eclipse

Planned Review Date: 10 June

Communication Channel: [eclipse.tools.pdt](http://eclipse.tools.pdt)

Submitted by: Roy Ganor, Zend Technologies

# ***Introduction***

The PDT project provides a PHP Development Tools framework for the Eclipse platform. This project encompasses all development components necessary to develop PHP and facilitate extensibility. It leverages the existing Web Tools Project (WTP) and Dynamic Languages Toolkit (DLTK) in providing developers with PHP capabilities.

## **Principles:**

- Intuitive and easy to learn

- Seamless integration with other Eclipse projects

- Adherence to Eclipse standards

- Extensibility

- Continuous support of PHP development

# ***Features***

Based on Galileo release

Support PHP 5.3 new language features  
(Namespaces, Lambda functions)

Outline

Code Assist

PHP Explorer

Improved code assist

281 bugs fixed

# ***Non-Code Aspects***

User documentation

Dedicated technical writer for the project

New features docs are updated

Conferences

EclipseCon 2009 - <http://www.eclipsecon.org/2009/sessions?id=240>

EclipseCon 2008 - <http://www.eclipsecon.org/2008/?page=sub/&id=17>

Tutorials - <http://wiki.eclipse.org/PDT/TUTORIALS>

Articles - <http://www.eclipse.org/pdt/articles/articles.php>

# ***APIs***

## **org.eclipse.php.core**

goalEvaluatorFactories- PHP Evaluator Factory

phpMixinBuildVisitors - PHP Mixin Build Visitor

PhpSourceElementRequestors PHP Mixin Build Visitor

## **org.eclipse.php.ui**

ActionFilterContributors – PHP Action Filter Contributor

FoldingStructureProviders - PHP Folding Structure Provider

PhpActionDelegator - PHP Action Delegator

PhpEditorTextHovers - PHP Editor Text Hover

PhpElementFilters - PHP Element Filter

PhpFormatterPrefBlock - PHP Formatter Preferences Block

PhpFormatterProcessor - PHP Formatter Processor

# ***APIs (cont. 1)***

## **org.eclipse.php.ui**

PhpHyperlinkDetector - PHP Hyperlink Detector

PhpManualSites - PHP Manual URL

PhpPreferencePageBlocks - PHP Preferences Page Block

PhpTreeContentProviders - PHP Tree Content Provider

PhpTreeElementComparers - PHP Tree Element Comparer

PhpWizardPages - PHP Wizard Page

WizardAndCompositeFragments - Wizard and Composite Fragments

QuickAssistProcessors - Quick Assist Processor

QuickFixProcessors - Quick Fix Processor

## **org.eclipse.php.debug.core**

fileMapper

pathEntryFilters

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# ***APIs (cont. 2)***

## **org.eclipse.php.debug.core**

phpDebuggers

phpDebugHandlers

phpDebugMessages

phpDebugParametersInitializer

phpDebugStepFilters

PhpExe

## **org.eclipse.php.debug.ui**

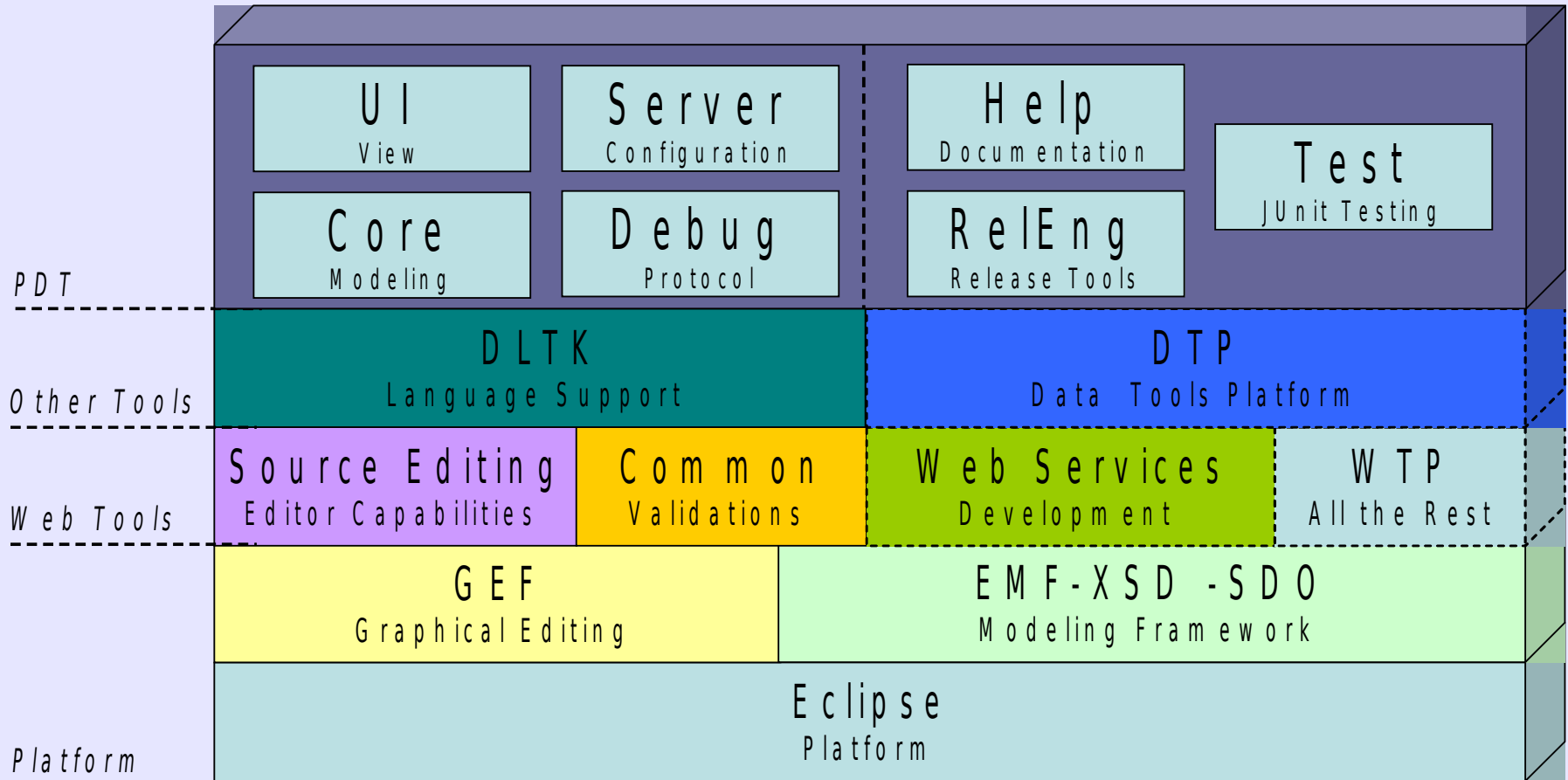
debugServerConnectionTest

launchConfigurationTabs

phpConsoleListeners

phpDebugModelPresentations

# Architectural Issues





# ***Tool Usability***

Aligned with Eclipse (Java/DLTK) standards

Build Path mechanism to improve modularity

PHP specific features

## ***End-of-Life***

PHPCodeData API (PDT 1.0) was removed

Include path variable feature was removed, but we are considering implementing it for the 2.2 release.

# Bugzilla - Summary

## PDT 2.1 Status

	NEW	ASSIGNED	REOPENED	RESOLVED	VERIFIED	CLOSED	Total
blocker	<u>. </u>	<u>. </u>	<u>. </u>	<u>2 </u>	<u>1 </u>	<u>32 </u>	<u>35 </u>
critical	<u>1 </u>	<u>. </u>	<u>. </u>	<u>6 </u>	<u>1 </u>	<u>127 </u>	<u>135 </u>
major	<u>32 </u>	<u>6 </u>	<u>3 </u>	<u>31 </u>	<u>1 </u>	<u>488 </u>	<u>561 </u>
normal	<u>272 </u>	<u>9 </u>	<u>13 </u>	<u>149 </u>	<u>4 </u>	<u>1107 </u>	<u>1554 </u>
minor	<u>20 </u>	<u>. </u>	<u>3 </u>	<u>9 </u>	<u>. </u>	<u>137 </u>	<u>169 </u>
trivial	<u>. </u>	<u>. </u>	<u>1 </u>	<u>. </u>	<u>. </u>	<u>14 </u>	<u>15 </u>
enhcem	<u>97 </u>	<u>3 </u>	<u>3 </u>	<u>62 </u>	<u>. </u>	<u>108 </u>	<u>273 </u>
Total	<u>422 </u>	<u>18 </u>	<u>23 </u>	<u>259 </u>	<u>7 </u>	<u>2013 </u>	<u>2742 </u>

## PDT 2.2 Status

	NEW	ASSIGNED	REOPENED	RESOLVED	CLOSED	Total
blocker	<u>. </u>	<u>. </u>	<u>. </u>	<u>. </u>	<u>29 </u>	<u>29 </u>
critical	<u>. </u>	<u>. </u>	<u>. </u>	<u>6 </u>	<u>115 </u>	<u>121 </u>
major	<u>34 </u>	<u>8 </u>	<u>2 </u>	<u>6 </u>	<u>456 </u>	<u>506 </u>
normal	<u>246 </u>	<u>16 </u>	<u>15 </u>	<u>8 </u>	<u>1002 </u>	<u>1287 </u>
minor	<u>22 </u>	<u>1 </u>	<u>3 </u>	<u>. </u>	<u>129 </u>	<u>155 </u>
trivial	<u>. </u>	<u>. </u>	<u>. </u>	<u>. </u>	<u>14 </u>	<u>14 </u>
enhancement	<u>133 </u>	<u>4 </u>	<u>5 </u>	<u>1 </u>	<u>106 </u>	<u>249 </u>
Total	<u>435 </u>	<u>29 </u>	<u>25 </u>	<u>21 </u>	<u>1851 </u>	<u>2361 </u>

# Bugzilla - Status

281 issues were closed during PDT 2.1 development

## PDT 2.1 Status

	NEW	ASSIGNED	REOPENED	Total
P1	<u>18</u>	<u>1</u>	.	<u>19</u>
P2	<u>7</u>	.	.	<u>7</u>
P3	<u>299</u>	<u>14</u>	<u>18</u>	<u>331</u>
P4	<u>1</u>	.	<u>1</u>	<u>2</u>
P5	.	.	<u>1</u>	<u>1</u>
Total	<u>325</u>	<u>15</u>	<u>20</u>	<u>360</u>

## PDT 2.0 Status

	NEW	ASSIGNED	REOPENED	Total
P 1	<u>29</u>	<u>2</u>	.	<u>31</u>
P 2	<u>5</u>	.	.	<u>5</u>
P 3	<u>266</u>	<u>23</u>	<u>18</u>	<u>307</u>
P 4	<u>2</u>	.	<u>1</u>	<u>3</u>
P 5	.	.	<u>1</u>	<u>1</u>
Total	<u>302</u>	<u>25</u>	<u>20</u>	<u>347</u>

# ***Standards***

Based on DLTk's standards, which are relatively similar to JDT's standards

Code standards remain the same as those for the previous PDT 1.0 version

# ***UI Usability***

The original DLTK UI usability was maintained

A language pack is not currently available

# ***Schedule***

2.1 M4 – January 6

2.1 M5 – February 6

2.1 M6 – March 6

2.1 M7 – May 6

2.1 RC1 – May 20

2.1 RC2 – May 28

2.1 RC3 – June 02

2.1 RC4 – June 10

2.1 RC5 – June 16

 **2.1 Release – June 25**

# ***Communities***

## Webinar:

<http://www.eclipse.org/galileo/galileoinaction.php>

## Blogs (and more...):

<http://spektom.blogspot.com/>

<http://ganoro.blogspot.com/>



# IP Log - 3<sup>rd</sup> Party Contributions

<http://www.eclipse.org/pdt/documents/iplog.xls>

C Q	Third-Party Code	License	Use
<a href="#">2504</a>	xm lunit Version: 1.2	New B S D license	unm odified source

## Pending Contribution Questionnaires

this pending C Q is not required for this release

C Q	Third-Party Code	License	Use
<a href="#">2697</a>	end framework Version: 1.6.1 (*custom - using subset Dojo)	New B S D license, Unicode License, M I T License	unm odified source

# IP Log - Contributors

## Active

Name	Organization
Nick Boldt	Red Hat, Inc.
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Gadi Goldbarg	Zend Technologies
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## Non Active

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[http://www.eclipse.org/projects/ip\\_log.php?  
projectid=tools.pdt](http://www.eclipse.org/projects/ip_log.php?projectid=tools.pdt)

# ***IP Issues***

The EMO explicitly asks during the Release Review if any Member would like to assert that this release infringes their IP rights.

If so, the EMO and the project will follow the Eclipse IP Policy in discussions with that Member.

# ***Credits and Kudos***

Eclipse PDT community

Our contributors – Dave K., Michael S., Nick B., and Roy G. (and other people who helped us with this release and contributed code)

Cross Project thank yous – DLTK and WTP

The Eclipse Foundation team – from IT to Management.

# ***Credits and Kudos***

List individuals/organizations who have contributed here

(optional)