



PHP Development Tools (PDT) 1.0 Overview

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Overview

▪ Major Project Milestones

- Proposal – December 2005
- Creation Review – March 2006
- 0.7 M1 First Stable Build – July 2006
- 1.0 M1 Build – June 2007
- **1.0 GA – September 18th 2007**

▪ Statistics

- More than 200 involved users
- **1200** bugs (about 1100 already closed)
- **Over 2000** newsgroup messages
- More than **40,000** downloads a month

▪ Architecture

PDT 1.0 Main Features



- Editor

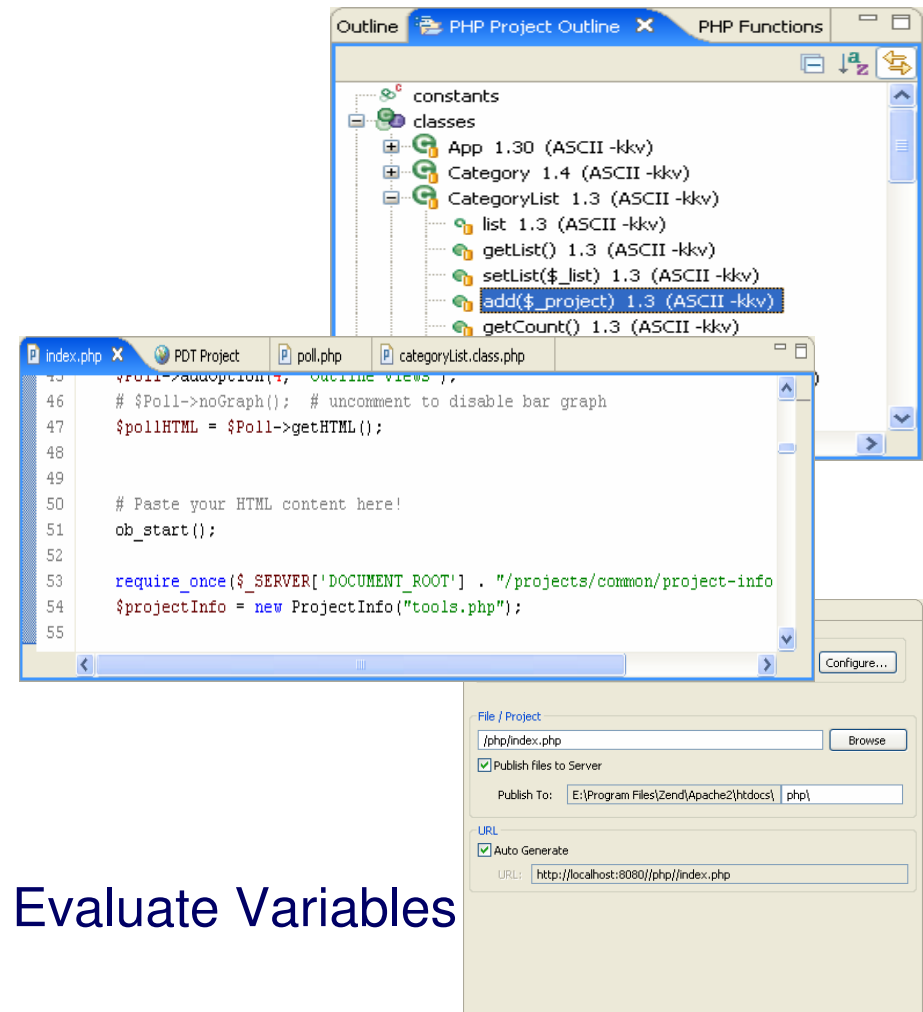
- Syntax Highlighting
- Code Assist
- Code Folding

- Inspection

- File and Project Outline
- PHP Explorer View

- Debug

- PHP script and Web page
- Breakpoints, Stack Trace, Evaluate Variables



Demonstration



The screenshot shows the Eclipse IDE interface with the following components:

- PHP Explorer:** Shows the project structure for 'Eclipse Summit Project' and 'DebugDemo.php'.
- Navigator:** Shows the current file 'mySampleFile.php'.
- Code Editor:** Displays PHP code for 'display_workers()' and 'gloadbal \$db;'. The code iterates through a database and prints worker details.
- Function Signature Popup:** A tooltip for 'display_workers()' showing its signature and description: 'Displays a table of the workers'. It also lists related functions like 'dir()', 'disk_free_space()', etc.
- Debug Output:** Shows the rendered HTML output of the PHP code, including a table with worker details.
- Tasks Console:** Shows a list of errors, including 'Syntax Error: unexpected \$db' and 'Syntax Error: unexpected End of File, e: soapClientsE...'. A table below the console lists the errors with columns for Description, Resource, and Path.

Description	Resource	Path
src-resolve.4.2: Error resolving compone GoogleSearc...	DemoProject	DemoProject
Syntax Error: unexpected '\$db'	DebugDemo....	DemoProject
Syntax Error: unexpected End of File, e: soapClientsE...	DemoProject	DemoProject
The operation specified for the 'multiplie multiplier.wsdl'	DemoProject	DemoProject
The operation specified for the 'multiplie multiplier.wsdl'	Eclipse Summit Proje	DemoProject



Future Goals and Features

▪ **Goals**

- Increase the PHP Awareness Among Eclipse Users
- Become the Official PHP Development Tools Framework
- Create a Supportive Community Around PDT
- Encourage Projects to Extend PDT

▪ **Next Version**

- Improve Parsing and PHP Model Infrastructure
- Generic Debug UI Support
- Editor Improvements
- Enhance Code Formatting Definitions
- Integration with Open Source Projects



Further Information

- PDT Home Page – www.eclipse.org/pdt
- PDT Wiki - <http://wiki.eclipse.org/index.php/PDT>
- PDT 1.0 Downloads -
<http://download.eclipse.org/tools/pdt/downloads/?release=R20070917>
- Newsgroup - <news://news.eclipse.org/eclipse.tools.pdt>

- Questions?

