

# Creation Review

ECLIPSE PDT-INCUBATOR PROJECT

# Overview

- ▶ The PDT Incubator is a proposed open source project under the PHP Development Tools (PDT) Project.
- ▶ The motivation behind this project: form a better contribution process for features that were not included initially in the Eclipse PDT project.

# Scope

- ▶ The goal of the PDT Incubator project is to experiment with alternative ideas and technologies for enhancing and complementing PDT.
- ▶ The Incubator is also intended to serve as a forum for interested third parties and a place for the development of additional components and tools for PDT outside of the restrictions of the PDT project itself.

# Initial Work Area

- ▶ **APDT – Aspect PDT** – The Aspect PHP Development Tools (APDT) [1] project provides Eclipse platform based tool support for AOSD with PHP. It has been developed by William Candillon during the Google Summer of Code 2008 [2] and mentored by Michael Spector
- ▶ **SmartyPDT** – The SmartyPDT [3] Editor adds a Smarty support for PDT. Smarty is a template engine for PHP, this project enables users to develop Smarty projects utilizing the power of PDT development tool. It has been developed by William Candillon and Roy Ganor.
- ▶ **AST View** – A view to visualize the AST (abstract syntax tree) of a PHP file opened in the editor. Navigate from text selection to AST nodes and from nodes to selections, also to show binding information provided.

# Out of scope

- ▶ Work in the PDT Incubator will be constrained to only those efforts that we expect to graduate (i.e. the code will eventually become part of PDT). It is not a playground for arbitrary development efforts. In addition, we should ensure that investment in the incubator never leaves the community with the perception that it is coming at the cost of important work on the PDT project.

# Communication Channel

- ▶ Posting feedback from the community about this review is enabled via the Eclipse PDT mailing list and the the Eclipse PDT forum.
  - Mailing list – [pdt-dev@eclipse.org](mailto:pdt-dev@eclipse.org)
  - Forum – [http://www.eclipse.org/forums/index.php?t=thread&frm\\_id=85](http://www.eclipse.org/forums/index.php?t=thread&frm_id=85)

# Mentors

- ▶ Chris Aniszczyk
- ▶ Dave Carver

# Initial Committers

- ▶ **William Candillon** – Engineering student at Telecom Lille 1, is the creator the Aspect PHP Development Tools (APDT) project that provides Eclipse platform based tool support for AOSD with PHP.
- ▶ **Zhongwei Zhao** – has an experience with J2EE development, as well as Eclipse plugin development with EMF (for custom emf editor), GEF and GMF (custom the code generated by GMF) , Encapsulate JDT debug with the GMF presentation. Has contributed to Eclipse PDT in two main areas 0 editor semantic highlighting and PHAR support
- ▶ **Shalom Gibly** – is a senior Software developer at Apatana, Shalom has worked for Zend and contributed immensely to the Eclipse PDT project during its first three years.
- ▶ **Michael Spector** – is Senior Software Developer and Technical Lead of Development Tools group at Zend Technologies. He has a Bachelor degree in Computer Science from Bar-Ilan University. Michael is an Eclipse committer from 2006, and currently he is participating in PDT and DLTK projects.
- ▶ **Nick Boldt** – Nick Boldt is a release engineer with JBoss, a division of Red Hat, and an Eclipse committer for Modeling, PDT, GEF & Dash, the home of the newCommon Builder. He currently manages the release engineering infrastructure for over two dozen individual component builds @ Eclipse.
- ▶ **Qiangsheng Wang** – is a senior Eclipse developer working on the development tools group at Zend.
- ▶ **Roy Ganor** – is the project lead of Eclipse PDT project and the Ajax tools framework. He contributes to the Eclipse PDT project for the last four years.