PHP IDE Eclipse project

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Why PHP?

- Simple, intuitive, easy to use yet Powerful

- PHP is the perfect Web Integration Platform
  - Perfect front-end glue language
  - Support for Web Services, XML & legacy systems

- PHP is backed by a very strong community
  - ~500 committers on the PHP code base
  - ~2.5M developers worldwide
  - Thousands of opensource projects
PHP Community Applications

- MediaWiki
- mambo
- PostNuke
- PHP-Nuke
- FUDforum
- phpbb
- SugarCRM
- horde

WordPress

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Advancing the Use of PHP

PHP Landscape

- Better, more robust web apps - faster
- Access to content, best practices
- Eclipse partnership

SOA, Web Services, etc.

Open Source

Open IDE

Best Practices Content

Community

Framework

Language

Zend

Open
Source

Zend

The php Company

FileMaker

MySQL

IBM

ORACLE

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PHP IDE Project

Deliver an extensible PHP IDE framework for the Eclipse platform

- Announced October 2005 at Zend/PHP Conference
- Project approval March 2006
- Hosted under Tools project
- Supported by Actuate, IBM, Intel, MySQL, SAP, Zend
PHP IDE Project Goals

- Enlarge the Eclipse community with PHP developers
- Encompass the development components necessary to develop PHP-based Web Applications
- Leverage the existing Web Tools Project in providing developers with PHP development facilities
Project Principles & Scope

- **Principles**
  - Intuitive and easy to learn
  - Seamless integration with the Web Tools project
  - Adherence to Eclipse standards
  - Extensibility
  - Continuous support of PHP developments

- **Scope**
  - Support the PHP development life cycle, though development, documentation and debugging
  - PHP centric
Project Architecture
PHP IDE - Core

- PHP Models:
  - PHP Language Model
  - PHP User Model
  - Extensible Model (PHP Include Path Model)

- PHP Structured Document (extends WTP XML Structured Document)

- PHP Builders

- PHP Code Formatter
PHP IDE – UI

- **Source Editor:**
  - Seamless integration with WTP Editor
  - Syntax Coloring
  - Code Assist
  - Code Folding
  - Templates
  - Annotations (i.e. search, bookmarks, tasks, breakpoints)

- **UI Views:**
  - Outline View
  - Project Outline View
  - PHP Explorer
  - PHP Language
  - Navigations Views
  - Open Resource
  - Open PHP Element
  - Other Eclipse built-in Views
    - Problems
    - Search
PHP IDE - Debug

- PHP Debug Protocol
- Web Server Definition
- PHP Debug Perspective
  - Custom debug Perspective for PHP
  - Debug Views + Debug output View (HTML result)
- Debug Extendibility
Deliverable Schedule

- March 8, 2006: Creation review
- March 20-23, 2006: EclipseCon
- April, 2006: Finish initial development stage
- May, 2006: PHP IDE 0.7 release
- July, 2006: Upgrade to WTP 1.5
- September, 2006: PHP IDE 1.0 release
Thank You

You can download the PHP IDE and send us feedback.

http://www.zend.com/phpide