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
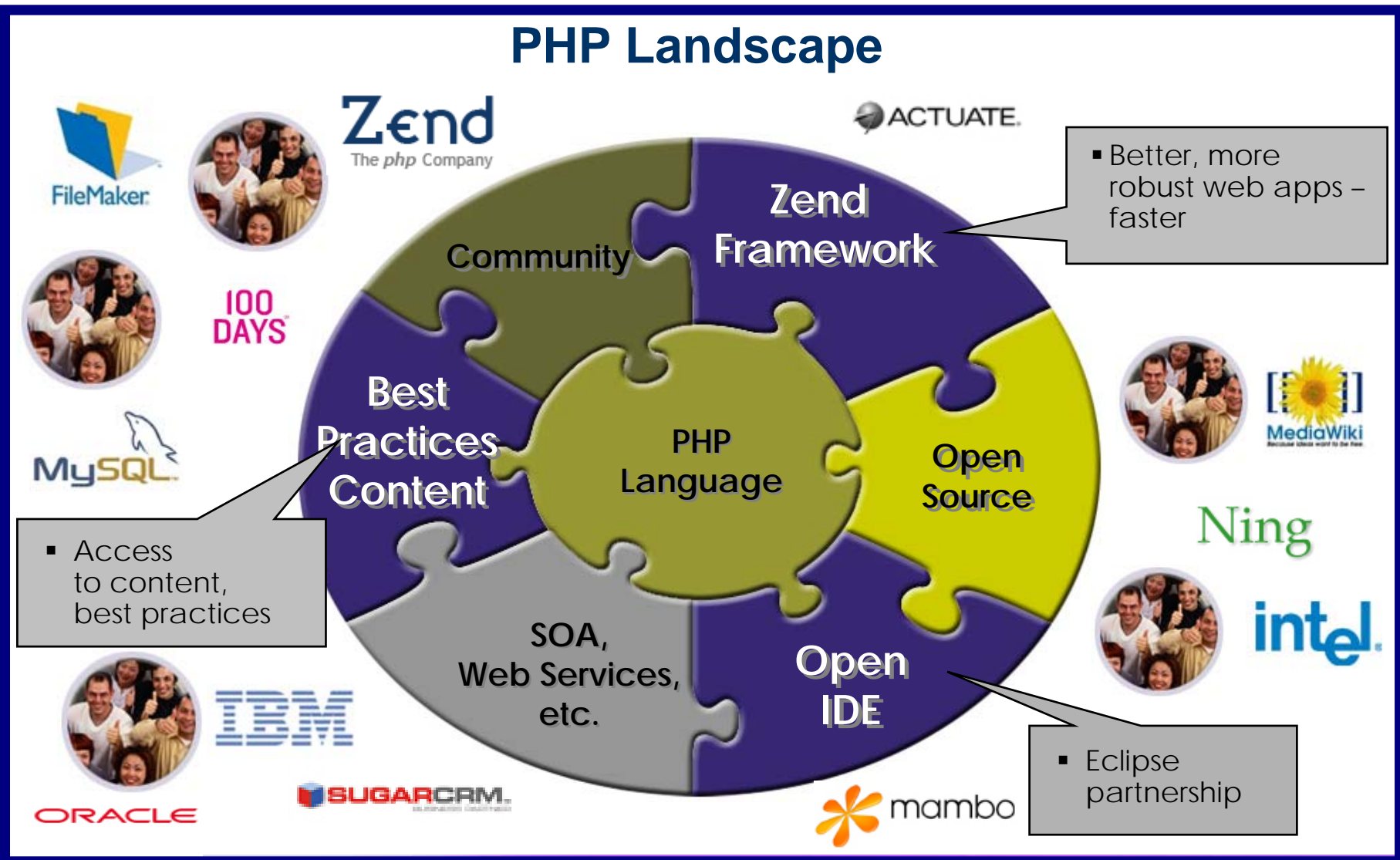   - Thousands of opensource projects

PHP Community Applications

MediaWiki
Because ideas want to be free.

mambo
opensource content management system

PostNuke
Content Management System

PHP-NUKE

WordPress

Gallery

FUDforum

phpbb
creating communities

SUGARCRM

powered by
horde

PHP Landscape

- Zend Framework
- Community
- Best Practices Content
- PHP Language
- Open Source
- SOA, Web Services, etc.
- Open IDE

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

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
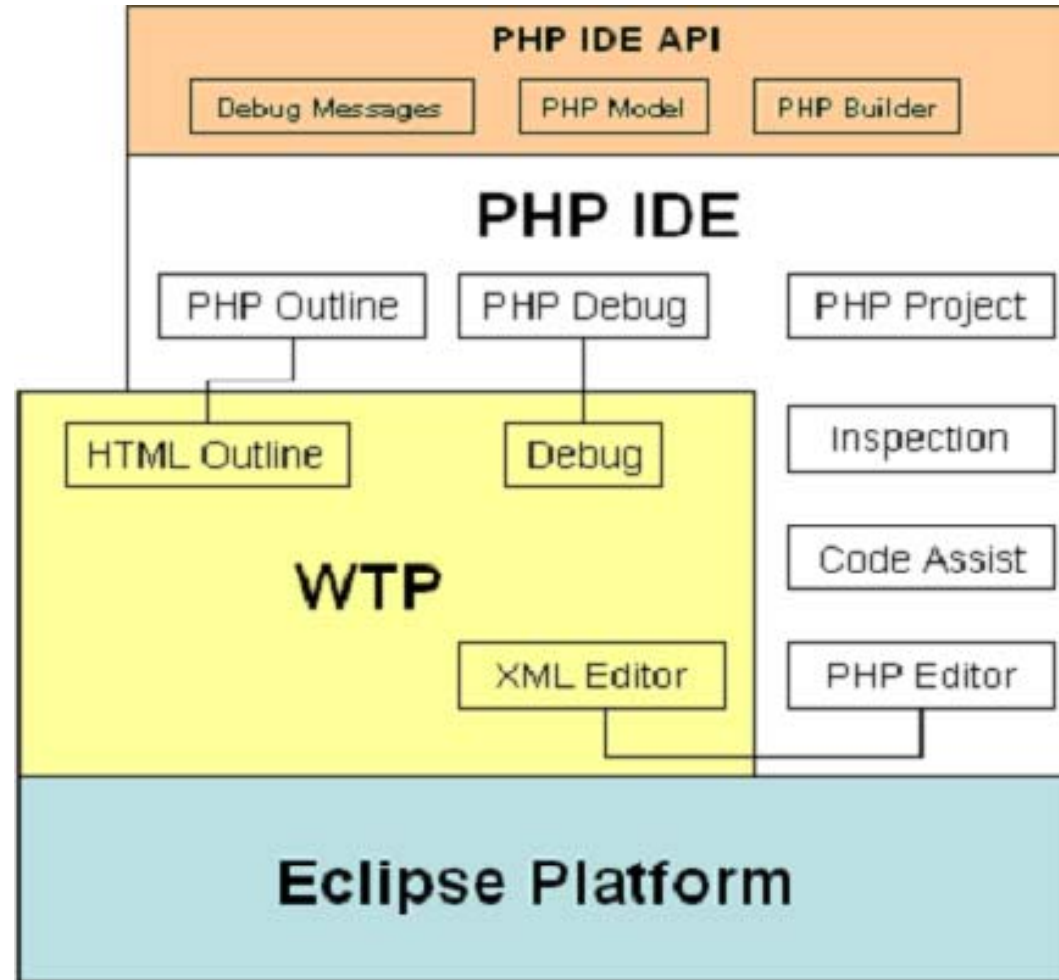
PHP IDE Project Goals

- 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