



The PHP Company

User Guide

Zend Studio 8.x

By Zend Technologies, Inc



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PHPProf
EXAMPLE

What's New in Zend Studio 8.x

The following new features are available in Zend Studio 8.0:

- [Ajax Tools](#)
- [The Internal Web Browser](#)
- [JavaScript Libraries](#)
- [Debugging JavaScript](#)
- [Remote Server Support](#)
- [VMware Workstation Integration](#)

Note:

To see What's New in previous versions of Zend Studio go to the [Zend Studio What's New](#) section of the Zend website.

Mac OS X

If you are running your Zend Studio on Mac OS X be aware that some Menu items may be labeled differently. This difference in labeling does not change the procedure. For a list of the alternate labels, see the table below.

Windows	Mac OS X
Help About Zend Studio	Zend Studio About Zend Studio
Window Preferences	Zend Studio Preferences

Debugging

Note:

By creating a debug launch configuration in Zend Studio 8.x, you can easily rerun the debug session with the settings specified by clicking the arrow next to the debug button on the toolbar and selecting your launch configuration.

To debug a PHP script using Zend Studio's internal debugger:

Zend Studio 5.x	Zend Studio 8.x
<ol style="list-style-type: none"> 1. Open the Preferences window by selecting Tools Preferences from the main menu. 2. Select the Debug tab. 3. From the Debug Server Configuration area of the Debug tab, select 'internal' from the Debug Mode category. 4. Click Apply and OK. 5. In the main toolbar, click Go to start the Debugger. -or- from the Menu Bar select Debug Go. 	<ol style="list-style-type: none"> 1. Click the arrow next to the debug button on the toolbar and select Debug As PHP Script. -Or- In PHP Explorer view, right-click the required file and select Debug As PHP Script.

See [Locally Debugging a PHP Script](#) for more information.

Zend Studio 5.x	Zend Studio 8.x
<ol style="list-style-type: none"> 1. Open the Preferences window by selecting Tools Preferences from the main menu. 2. Select the Debug tab. 3. From the Debug Server Configuration area of the Debug tab, select 'server' from the Debug Mode category. 4. Enter the URL of the server on which you want to Debug your files. 5. Click Apply and OK. 6. In Zend Studio's main toolbar, click Run to start the Debugger. 	<ol style="list-style-type: none"> 1. Click the arrow next to the debug button on the toolbar and select Debug Configurations... -or- In PHP Explorer view, right-click and select Debug as Debug Configurations... A Debug dialog will open. 2. Double-click the PHP Script option to create a new debug configuration and enter a name for it. 3. Select the PHP Web Server option under the Debugger Location category and select your server from the list. 4. Under PHP File, click Browse and select your file. 5. Click Apply and Debug. <div> <p>Note:</p> <p>The next time you want to run this debug session, click the arrow next to the debug button on the toolbar and select your launch configuration.</p> </div>

See [Remotely Debugging a PHP Script](#) for more information.

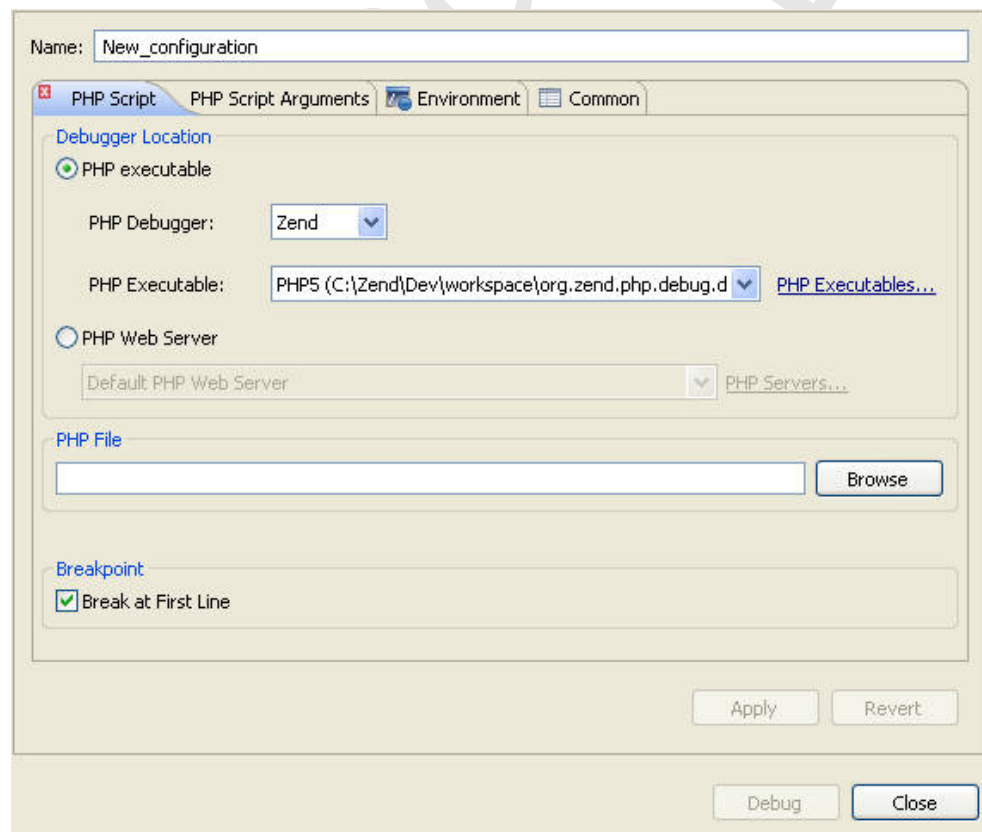
Locally Debugging a PHP Script

This procedure describes how to debug a PHP Script from your workspace using an internal [PHP Executable](#).



To locally debug a PHP Script:

1. Set breakpoints at the relevant places in the file that you would like to debug by double-clicking the vertical marker bar to the left of the editor.
2. Save the file.
3. Click the arrow next to the debug button on the toolbar and select **Debug Configurations...** -or- select **Run | Debug Configurations....**
A Debug dialog will open.
4. Double-click the PHP Script option to create a new debug configuration.



5. Enter a name for the new configuration.
6. Ensure that the "PHP Executable" option is selected under the Debugger Location category and select the required PHP executable.
7. Select the Zend Debugger from the PHP Debugger list.
8. Enter your PHP file in the "PHP File" text field, or click **Browse** and select your

file

9. Marking the "Breakpoint" checkbox will result in the debugging process pausing at the first line of code.
10. If necessary, you can add arguments in the PHP Script Arguments tab to simulate command line inputs.
11. Click **Apply** and then **Debug**.
12. Click **Yes** if asked whether to open the PHP Debug Perspective.

A number of views will open with relevant debug information.

See the Running and Analyzing Debugger results topic for more information on the outcome of a debugging process.

Note:

If the file contains 'include' or 'require' calls to files which are not contained within the project, you must [add them to the project's Include Path](#) in order to simulate your production environment.

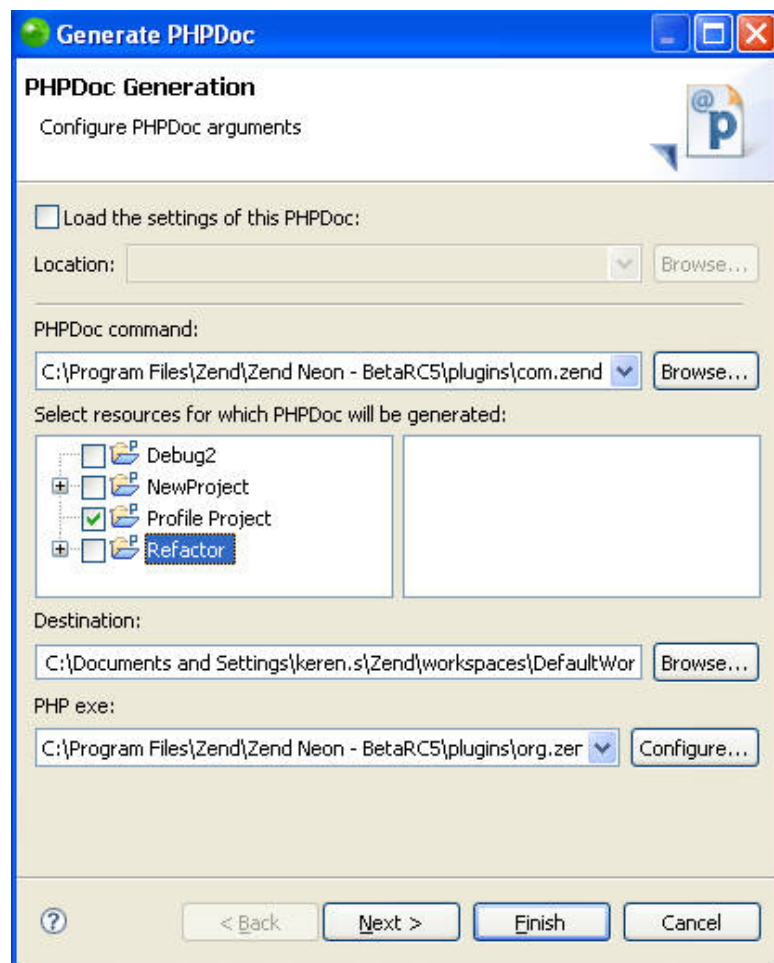
Creating a PHPDoc

This procedure describes how to create a PHPDoc from your PHP files.



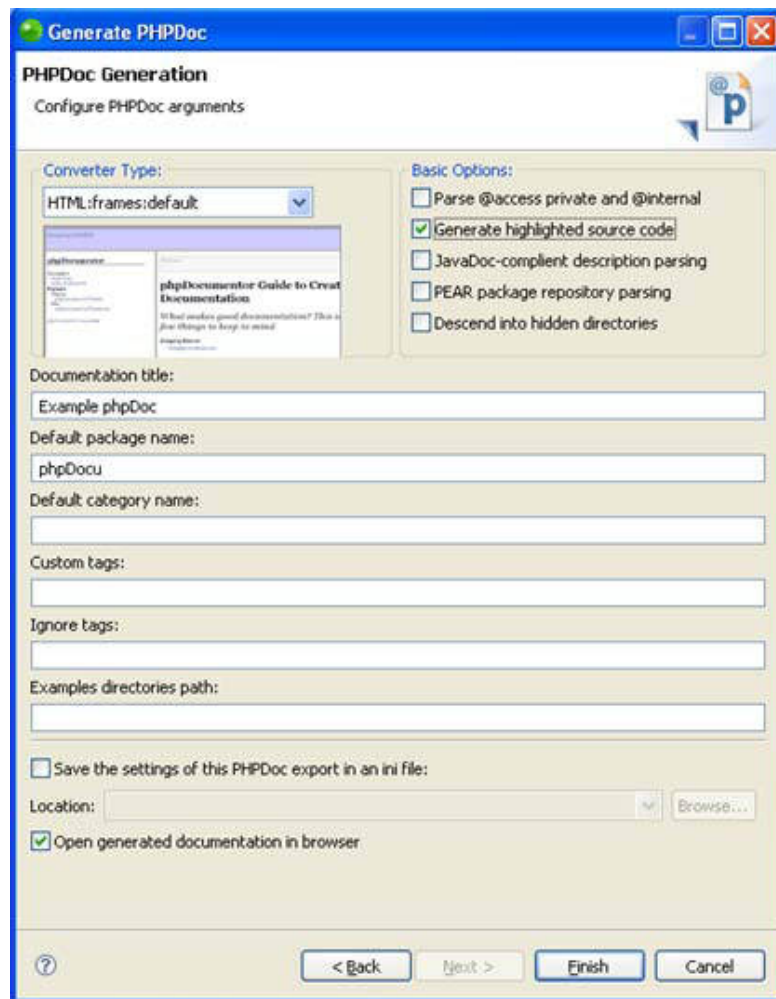
To create a PHPDoc:

1. Right-click the project from which you would like the PHPDoc to be generated and select Generate PHP Doc -or- go to Project | Generate PHPDoc -or- press Alt+D. The PHPDoc Generation dialog will open.



PHPDoc Generation dialog 1

2. If you have previously created PHPDoc settings which you would like to apply, mark the checkbox. To create a settings configuration, see [point 8](#).
3. Ensure that the required project, destination for the PHPDoc and PHP Executable are selected.
4. Click Next.



PHPDoc Generation dialog 2

5. Choose the style for your PHPDoc from the 'Converter Type' drop-down list. This will affect the layout and format of your PHPDoc.
6. Select which basic options you want to apply: (Refer to the phpDoc Manual online at <http://www.phpdoc.org> for complete descriptions of the options.)
 - Parse @access private and @internal
 - Generate highlighted source code
 - JavaDoc-compliant description parsing
 - PEAR package repository parsing
 - Descend into hidden directories
7. Enter the following fields: (Refer to the phpDoc Manual online at <http://www.phpdoc.org> for complete descriptions of the options.)
 - Default package name
 - Default category name

- Custom tags (if required)
 - Ignore tags (if required)
 - Examples directories path (if required)
8. To save these settings so that they can be reused when creating new PHPDocs, mark the 'Save the settings of this PHPDoc export in an ini file" checkbox and specify where the ini file should be saved.
 9. Ensure the 'Open generated documentation in browser checkbox is marked to view your PHPDoc once created.
 10. Click Finish.
A Running PHPDocumentor dialog will appear.

Your PHPDoc will be automatically created and will be opened in a browser. By default, your phpdoc is created as an index.html file in a folder entitled 'docs' in the root of you Workspace. (e.g. C:\Documents and Settings\bob\Zend\workspaces\DefaultWorkspace\docs\index.html).

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