

Switching from Zend Studio 5.X to Zend Studio for Eclipse 6.0

The following 'Switching from Zend Studio to Zend Studio for Eclipse' quick guide is intended for users who have worked with the traditional Zend Studio 5.X and want to learn how to perform Zend Studio 5.X tasks in the new Zend Studio for Eclipse 6.0.

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Project/File Creation

To create a new PHP project:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> From the main toolbar select Project New Project. The New Project Wizard dialog box will appear. Enter a name for the new project. The location is updated accordingly. Click Next to define specific properties for the new project. Click Finish. 	<ol style="list-style-type: none"> Go to File Menu and select New PHP Project -Or- In the PHP Explorer View, right-click and select New PHP Project. The New Project wizard will open. Enter a name for your new project into the Project Name field. Click Finish.

See the 'Creating Projects and Files' tutorial in the Zend Studio for Eclipse Online Help for more information.


To create a new file:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> From the Menu Bar select File New File -Or- Click the New File icon  on the toolbar. A new PHP file will open in the editor. 	<p>To create a new PHP file not associated with a project:</p> <ol style="list-style-type: none"> Click the new Easy PHP File icon on the toolbar  -Or- In PHP Explorer view, right-click and select New Untitled PHP Document. A new PHP file, by default called PHPDocument1, will open in the editor. <p>To create a new PHP file within a project:</p> <ol style="list-style-type: none"> In PHP Explorer view, select the Project within which you would like to place the file. Right-click and select New PHP File -or- go to File on the Menu Bar and select New PHP File. The PHP File creation dialog will be displayed. Enter the name of the file and click Next. Click Finish.



See 'Easy File Creation' in the Zend Studio for Eclipse Online Help for more information.

Debugging

Note:




By creating a debug launch configuration in Zend Studio for Eclipse 6.0, 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 for Eclipse 6.0
<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' in the Zend Studio for Eclipse Online Help for more information.

To debug a PHP script using your server debugger:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<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 Open Debug Dialog –or- In PHP Explorer view, right-click and select Run Open Debug Dialog. 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 then Debug. <div data-bbox="794 1666 1417 1854" style="background-color: #cccccc; padding: 5px;"> <p>Note: 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' in the Zend Studio for Eclipse Online Help for more information.

To debug applications on a server:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. From the Menu Bar, select Debug Debug URL. The Debug URL dialog will appear. 2. Enter the URL of the file/application which you would like to debug. 3. Select whether to use the local copy or server copies of the files. 4. Click OK. 	<ol style="list-style-type: none"> 1. Click the Debug URL button  on the main toolbar -or- go to Run Debug URL. The Debug URL dialog will appear. 2. In the 'Open Browser at' field, enter the URL of the first page that should be debugged. 3. Click Debug.
	<p>Note: In Zend Studio for Eclipse 6.0, creating a Debug launch configuration gives you access to advanced Debugging options, and allows you to easily re-run past Debug sessions using the same settings.</p> <p>To create and execute a Debug Launch Configuration for debugging applications on a server:</p> <ol style="list-style-type: none"> 1. Click the arrow next to the debug button  on the toolbar and select Open Debug Dialog –or– select Run Open Debug Dialog. A Debug dialog will open. 2. Double-click the PHP Web Page option to create a new debug configuration. 3. Enter a name for the new configuration. 4. Select your server from the PHP Server drop-down list. 5. Under PHP File, click Browse and select your file. 6. Select the Advanced tab. 7. In the 'Source Location' category, select whether to use the local copy or server copies of the files. 8. Click Apply and then Debug. <p>Note: 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>




See 'Debugging a PHP Web Page' in the Zend Studio for Eclipse Online Help for more information.

Profiling

Note:

In addition to Profiling URLs, Zend Studio for Eclipse 6.0 includes the option to profile PHP Scripts situated on your workspace using the internal debugger or your server debugger, or to Profile PHP Web Pages situated on your server using either the remote or local copies of files. See Profiling a PHP Script in the Zend Studio for Eclipse Online Help for more information.

To profile applications on a server:


Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> From the Menu Bar, select Debug Profile URL. The Profile URL dialog will appear. Enter the URL of the file/application which you would like to Profile. Select whether to use the local copy or server copies of the files. Click OK. 	<ol style="list-style-type: none"> Click the profile URL button  on the main toolbar -or- from the Menu Bar, go to Run Profile URL. The Profile URL dialog will appear. In the 'Open Browser at:' field, enter the URL of the page that should be profiled. Click Profile.
	<p>Note:</p> <p>In Zend Studio for Eclipse 6.0, creating a Profiling launch configuration gives you access to advanced Profiling options, and allows you to easily re-run past profile sessions using the same settings.</p> <p>To create and execute a Profile Launch Configuration for profiling applications on a server:</p> <ol style="list-style-type: none"> Click the arrow next to the Profile button  on the toolbar and select Open Profile Dialog –or- select Run Open Profile Dialog. A Profile dialog will open. Double-click the PHP Web Page option to create a new Profile configuration. Enter a name for the new configuration. Select your server from the PHP Server drop-down list. Under PHP File, click Browse and select your file. Select the Advanced tab. In the 'Source Location' category, select whether to use the local copy or server copies of the files. Click Apply and then Profile. <p>Note:</p> <p>The next time you want to run this profile session, click the arrow next to the profile button  on the toolbar and select your launch configuration.</p>

See 'Profiling a PHP Web Page' in the Zend Studio for Eclipse Online Help for more information.

Source Control - Subversion (SVN)

See the Subversive User Guide for more information on Subversion.

To define Subversion connectivity:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Open the Preferences window by selecting Tools Preferences from the Menu Bar. 2. Select the Source Control tab. 3. Select 'Subversion' in the Source Control drop-down list. This will cause all source control preferences and menu options to enable Subversion rather than CVS operations. 4. Configure any required Subversion settings. 5. Click Apply and OK. 	<ol style="list-style-type: none"> 1. Open the SVN perspective by going to Window Open Perspective Other SVN Repository Exploring. 2. In the SVN Repositories view, click the Add SVN Repository button  on the view's toolbar -or- right-click within the SVN view and select New Repository Location. The Add SVN Repository dialog will open. 3. Enter the information required to identify and connect to your repository. 4. Click Finish. Your SVN repository will be added to the SVN Repository view. <div style="background-color: #f0f0f0; padding: 5px; margin-top: 10px;"> <p>Note: The connection details will be saved and easily selected performing SVN actions on your projects and files.</p> </div>

See 'Configuring an SVN Connection' in the Zend Studio for Eclipse Online Help for more information.

Checking out a Module from SVN

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Set Subversion to be your Source Control default by following the steps under 'To define Subversion connectivity', above. 2. Go to Tools Subversion Checkout. 3. Enter the repository details. 3. Set the Checkout Options. 4. Click OK. 	<ol style="list-style-type: none"> 1. Create an SVN repository connection by following the steps under 'To define Subversion connectivity', above. 2. Go to File Import Projects from SVN and click Next. 3. Select your repository and click Next. 4. Select the 'Use an existing module' option and select the required module/project to check out. 5. Click Finish.

See 'Importing Projects From SVN' in the Zend Studio for Eclipse Online Help for more information.

To perform Subversion commands (e.g. update/commit) on an SVN module:


Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Set Subversion to be your Source Control default by following the instructions under 'To define Subversion connectivity', above. 2. Right-click the required file/project in the Project tab -or- open the file in an editor and right-click. 3. From the right-click menu, select Subversion and the required action. 	<ol style="list-style-type: none"> 1. Create an SVN repository configuration by following the steps under 'To define Subversion connectivity', above. 2. Right-click the required file/project in PHP Explorer -or- open the file in an editor and right-click. 3. From the right-click menu, select Team and the required action.

See the 'Making Changes, Comparing Changes, and Committing Changes' section of the 'Working with SVN Tutorial' in the Zend Studio for Eclipse Online Help for more information.

Source Control - CVS

See the 'Working with CVS' topic in the Workbench User Guide to learn more about working with CVS.

To define CVS connectivity:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Open the Preferences window by selecting Tools Preferences from the Menu Bar. 2. Select the Source Control tab. 3. Select 'CVS' in the Source Control drop-down list. This will cause all source control preferences and menu options to enable CVS rather than Subversion operations. 4. Configure any required CVS settings. 5. Click Apply and OK. 	<ol style="list-style-type: none"> 1. From the Menu Bar, open the CVS perspective by selecting Window Open Perspective Other CVS Repository Exploring from the Menu Bar. 2. Click the Add CVS Repository button  on the view's toolbar -or- right-click within the CVS view and select New Repository Location. The Add CVS Repository dialog will open. 3. Enter the information required to identify and connect to the repository location. 4. Click Finish to create your connection. <div data-bbox="810 1375 1417 1532" style="background-color: #f0f0f0; padding: 5px;"> <p>Note: The connection details will be saved and easily selected performing SVN actions on your projects and files.</p> </div>

See 'Configuring a CVS Connection' in the Zend Studio for Eclipse Online Help for more information.

Checking out a Module from CVS

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Set CVS to be your Source Control default by following the instructions under 'To define CVS connectivity', above. 2. From the Menu Bar, go to Tools CVS Checkout. 3. Enter the details in the Checkout dialog. 4. Click OK. 	<ol style="list-style-type: none"> 1. Go to File Menu and select Import Projects from CVS and click Next. 2. Select your repository and click Next. A 'Select Resource' dialog will appear. 3. Select your project (if necessary, expand the nodes until you see it) and click Finish. A 'Check Out As' dialog will appear. 4. Click Finish.

See 'Importing Projects from CVS' in the Zend Studio for Eclipse Online Help for more information.


To perform CVS commands (e.g. update/commit) on a CVS module:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Set CVS to be your Source Control default by following the instructions under 'To define CVS connectivity', above. 2. Right-click the required file/project in the Project tab -or- open the file in an editor and right-click. 3. From the right-click menu, select CVS and the required action. 	<ol style="list-style-type: none"> 1. Right-click the required file/project in PHP Explorer -or- open the file in an editor and right-click. 2. From the right-click menu, select Team and the required action.

See the 'Making Changes, Comparing Changes, and Committing Changes' section of the 'Working with CVS' tutorial in the Zend Studio for Eclipse Online Help for more information.

FTP Connectivity

To configure an FTP root:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Go to the main menu and select File Add FTP Server -Or- from the File Manager's File System tab, open the right-click menu and select Add FTP Server. 2. The Configure FTP Server dialog will appear. 3. Enter your FTP connection details and click OK. The new FTP Icon appears in the file system. 	<ol style="list-style-type: none"> 1. Switch to the Remote Systems view (tabbed with the PHP Explorer view) and click the 'Define a connection to remote system' button  on the view's toolbar. The New Connection dialog will appear. 2. Select 'FTP Only' and click Next. 3. Enter your Remote FTP connection details and click Finish. Your connection will created and listed in the Remote Systems view.



See 'Creating an FTP/SFTP Connection' in the Zend Studio for Eclipse Online Help for more information.

Database Connection

Note:


Zend Studio for Eclipse 6.0 allows connection to a variety of database types.

To create an SQL server connection:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> From Studio's File Manager, click the SQL tab . Right-click and select Add Server. The Add SQL Server dialog will open. Enter the required SQL Server Settings. Click OK. Your Server Tree will be added to the SQL tab. 	<ol style="list-style-type: none"> Click the Create New SQL Connection icon  on the toolbar. The New JDBC Connection Profile wizard opens. Select a driver from the drop-down list and enter the required information. Click Finish. Your new connection profile will be added to your databases list in the Data Source Explorer view.

See 'Creating a Database Connection Profile' in the Zend Studio for Eclipse Online Help for more information.

To connect to your SQL database server:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> Create an SQL server connection by following the instructions under 'To create an SQL server connection', above. Select the SQL tab  from Studio's File Manager. Double-click the Server you want to connect to. The SQL Database tree will be displayed. 	<ol style="list-style-type: none"> Create an SQL server connection by following the instructions under 'To create an SQL server connection', above. Open the Database Development perspective by going to Window Open Perspective Other Database Development. In the Data Source Explorer view, expand the SQL Databases node, right-click your SQL server connection profile and select Connect. The SQL Database tree will be displayed.

See 'Connecting to a Database' in the Zend Studio for Eclipse Online Help for more information.

To view the contents of a database table:


Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> Connect to your SQL database server by following the steps under 'To connect to your SQL database server', above. Expand the server tree until you see the required table. Double-click the table -or- right-click the table and select Show Table Data. In the Results in Page selector at the top of the Data Display, select the number of results you wish to display per screen. The Data Display will show the contents of the table according to the selected resolution. 	<ol style="list-style-type: none"> Connect to your SQL database server by following the steps under 'To connect to your SQL database server', above. Expand the server tree until you see the required table. Double-click the required table or right-click it and select Data Edit. The table will open in a database editor displaying all the data within the table.

See 'Viewing and Editing Database Table Content' in the Zend Studio for Eclipse Online Help for more information.


Tunneling

Note:

Zend Studio for Eclipse 6.0 allows you to define tunneling connections to a number of servers, which can then be easily selected to establish a connection.

To select a server to connect to using a tunneling connection in Zend Studio for Eclipse 6.0, define the server following the instructions below, click the arrow next to the tunneling icon on the toolbar  and select the required server from the list.

To configure tunneling preferences in Zend Studio:

Zend Studio 5.X	Zend Studio for Eclipse 6.0
<ol style="list-style-type: none"> 1. Go to Tools Tunneling Settings. 2. Define the relevant tunneling settings. 3. Click Connect. 	<p>To configure your Server for Tunneling with Zend Studio for Eclipse:</p> <ol style="list-style-type: none"> 1. Open the PHP Server Preferences page by going to Window Preferences PHP PHP Servers from the Menu Bar. 2. Click New to define a New Server (or Edit if the server has already been defined). 3. Enter any relevant settings in the Server, Path Mapping and Platform Integration tabs. Click Next to go to the next tab. 4. In the Tunneling Settings tab, check the "Enable Tunneling" option and enter all necessary information. 5. Click Finish or OK. <p>You can now use this server configuration to connect to your server using a tunneling connection by clicking the Tunneling icon on the toolbar .</p>

See 'Setting Up a Tunneling Server' in the Zend Studio for Eclipse Online Help for more information.

Note:

To configure a tunneling connection between Zend Studio and your server, settings also need to be configured on your server.

See 'Setting Up Tunneling' in the Zend Studio for Eclipse Online Help for full instructions on setting up a Tunneling connection with your server.