

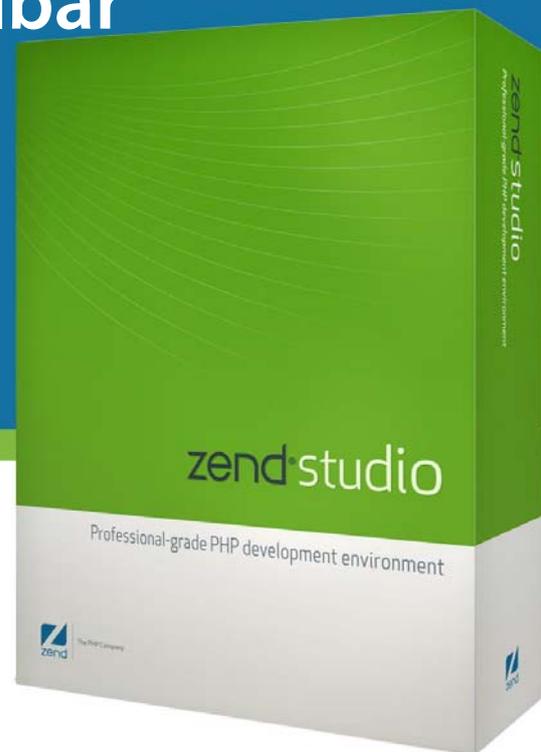


The PHP Company

# Installation and User Guide

## Zend Browser Toolbar

By Zend Technologies, Inc.



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# Zend Browser Toolbar

The Zend Browser Toolbar is an external add-on to Internet Explorer and Firefox browsers which allows you to initiate debugging or profiling sessions directly from your browser. Debugging / profiling through the Zend Browser Toolbar will launch a remote debug / profile session in Zend Studio.



The Zend Browser Toolbar contains the following options:

- **Zend Studio** - Opens Zend Studio. Ensure the Zend Studio for Eclipse .exe file is configured in the Zend Toolbar Settings.
- **Debug** - Launches a Debugging session in Zend Studio.
- **Profile** - Launches a Profiling session in Zend Studio.
- **Extra Stuff** - Provides access to Zend Browser Toolbar settings, and links to useful Zend and PHP Information.
- **Search for PHP Information** - Allows you to quickly and easily search the web for PHP information.

See [Installing and Configuring the Zend Browser Toolbar](#) for information on how to get started with the Zend Browser Toolbar.

# Installing and Configuring the Zend Browser Toolbar

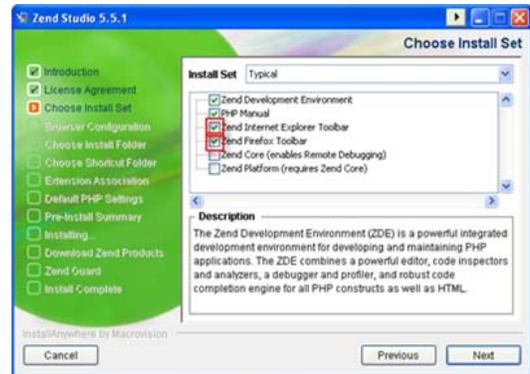
## Installing the Zend Browser Toolbar

The Zend Browser Toolbar can be installed during the installation of Zend Studio or can be downloaded and installed separately.



**To install the Zend Browser Toolbar during Zend Studio installation:**

In the 'Choose Install Set' dialog of the Zend Studio for Eclipse 6.x or Zend Studio 5.x installation, select the Zend Firefox Toolbar and/or the Zend Internet Explorer Toolbar options:



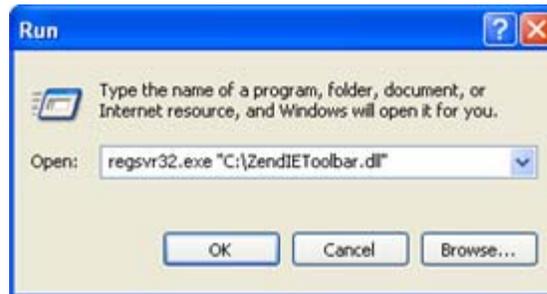


**To manually install the Zend Internet Explorer Toolbar:**

1. Go to the [Zend Studio downloads site](http://www.zend.com/en/products/studio/downloads) (<http://www.zend.com/en/products/studio/downloads>) and download the Studio Browser Toolbar for Internet Explorer on Windows.
2. Save the file to your file system.
3. Run the following command (by going to Start | Run in the Windows Start Menu):  

```
regsvr32.exe "<ZendIEToolbar.dll_Location>\ZendIEToolbar.dll"
```

Replace `<ZendIEToolbar.dll_Location>` with the path to the directory in which you saved the downloaded file.



4. A dialog will be displayed confirming the successful registration of the .dll.
5. Restart Internet Explorer.
6. If the Toolbar is not automatically displayed, select the Zend Studio toolbar from the Internet Explorer Toolbars list.

**Note:**

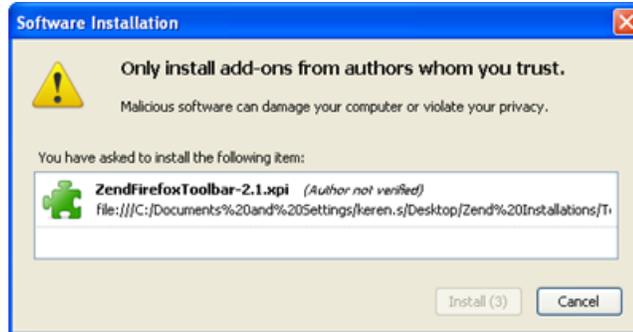
In Internet Explorer 7, the Toolbar list is available from Tools | Toolbars.

You should now [configure the Zend Studio communication settings](#) for the Zend Browser Toolbar in order to be able to debug/profile.

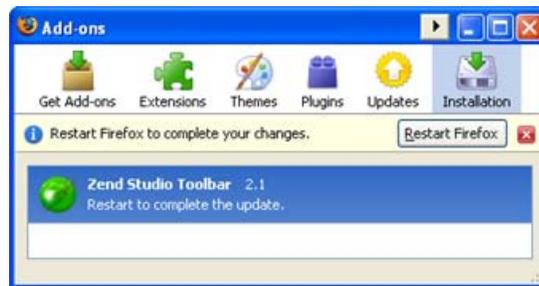


**To manually install the Zend Firefox Toolbar:**

1. Go to the [Zend Studio downloads site](http://www.zend.com/en/products/studio/downloads) (<http://www.zend.com/en/products/studio/downloads>) and download the cross-platform Firefox Browser Toolbar.
2. Open the downloaded .xpi file by going to File | Open File from the Firefox menu bar and browsing to the downloaded file. A prompt will be displayed asking whether you trust the add-on.



3. Click Install Now.  
The add-on will be displayed in the Firefox Add-ons list.



4. Click the Restart Firefox button.  
Firefox will be restarted and the toolbar will be loaded.
5. If the Toolbar is not automatically displayed, select the Zend Studio toolbar from Firefox's Toolbars list.

**Note:**

In Firefox 3, the Toolbar list is available from View | Toolbars.

You should now [configure the Zend Studio communication settings](#) for the Zend Browser Toolbar in order to be able to debug/profile.

## Configuring the Zend Browser Toolbar

In order to be able to debug files and applications through the Zend Browser Toolbar, you must configure the toolbar to communicate with Zend Studio.

Toolbar debugging is a form of remote debugging and so remote debugging to the server on which your files are located must also be configured in Zend Studio and the Zend Debugger. See the [Setting Up Remote Debugging](#) topic in the [Zend Studio for Eclipse Online Help](#) for more details.

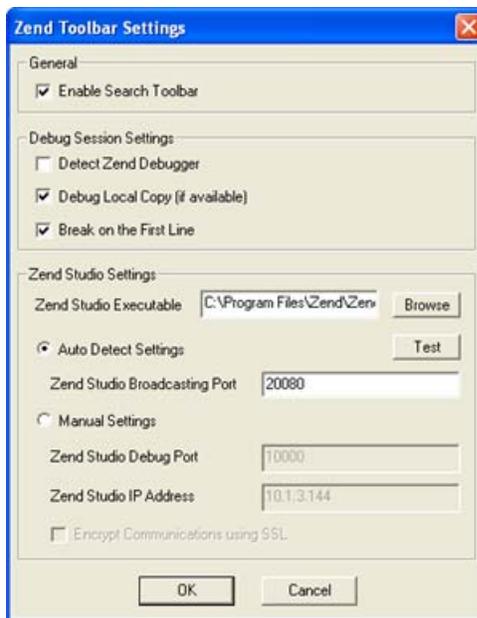
This procedure describes how to configure the Zend Browser Toolbar to be able to communicate with Zend Studio.



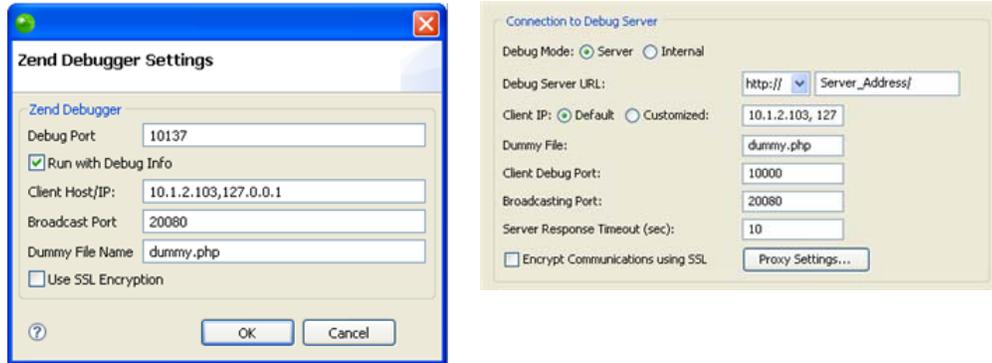
### To configure connectivity with Zend Studio:

1. From the Toolbar, go to Extra Stuff | Settings.

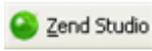
The Zend Toolbar Settings dialog will be displayed.



2. In the Zend Studio Settings category, configure the Zend Studio Debug Port and Zend Studio IP Address. These settings should match the settings defined for the Zend Debugger in the [Installed Debuggers Preferences page](#) in Zend Studio for Eclipse 6.x (accessible from Window | Preferences | PHP | Debug | Installed Debuggers | Configure) or [Debug Preferences page](#) in Zend Studio 5.x (accessible from Tools | Preferences | Debug).



### To automatically synchronize your Zend Browser Toolbar settings with your Zend Studio settings:

- i. Ensure Zend Studio is open.  
If your Zend Studio executable is configured in the Zend Toolbar Settings dialog, you can launch Zend Studio by clicking the Zend Studio button  in the toolbar.
- ii. In the Zend Studio Settings category, select 'Auto Detect Settings'.
- iii. Enter the Zend Studio Broadcasting Port. This must match the Broadcasting Port configured in your Zend Studio debug preferences.  
The default port is 20080.
- iv. Click Test.  
The Debug Port and Zend Studio IP settings defined in Zend Studio will be automatically updated in your Zend Browser Toolbar and a message will appear confirming that the Auto Detect test was completed successfully.

### To manually enter your settings:

- i. Select 'Manual Settings'.
- ii. Configure the following settings:
  - Zend Studio Debug Port - The debug port to be used for the debug session. This should match the Debug Port setting configured in your Zend Studio debug preferences.
  - Zend Studio IP Address - Enter the Client Host/IP address of the machine on which your Zend Studio is installed. This should be the same machine from which you are launching your debug session and should match the Client Host/IP setting configured in your Zend Studio debug preferences.
3. Click OK to save your settings.

## Additional Configuration Options

Additional configuration options can be accessed through the Zend Studio Toolbar Settings dialog (Extra Stuff | Settings) as follows:

- **General:**
  - Enable Search Toolbar - Displays the PHP information search box in the Zend Browser Toolbar.
- **Debug Session Settings:**
  - Detect Zend Debugger (only available in the Zend Internet Explorer Toolbar) - disables the Debug and Profile buttons when a Zend Debugger is not detected on the server.
  - Debug Local Copy - Choose whether the source files used during the debug session will be taken from the server or from a local workspace copy of the files in Zend Studio (if available). If a local copy is not available, files will be taken from the server.

### Note:

In Zend Studio for Eclipse 6.x, enabling this option will result in the Path Mapping mechanism being applied when files are called. See the [Path Mapping](#) topic in the [Zend Studio for Eclipse Online Help](#) for more details.

- Break on the first line - this will cause the debugger to pause at the first line of PHP code during debugging.
- **Zend Studio Settings:**
  - Zend Studio Executable - Browse to the location of your Zend Studio executable file. This will enable you to launch Zend Studio by clicking the Zend Studio button



in the toolbar.

# Debugging Using the Zend Browser Toolbar

This procedure describes how to debug using the Zend Browser Toolbar.

## Note:

In order to enable Zend Studio to debug files located on the server, remote debugging needs to be configured. See the [Setting Up Remote Debugging](#) topic in the [Zend Studio for Eclipse Online Help](#) for more details.



### To debug using the Zend Browser Toolbar:

1. Ensure the Zend Browser Toolbar is installed on your browser.
2. Open your browser and browse to the page from which you would like to start debugging.
3. Ensure Zend Studio is open. You can open it by clicking the Zend Studio button



in the toolbar.

4. Click the  button on the Zend Browser Toolbar to debug the page currently displayed in the browser.

To do this, the page is reloaded, and instructions are automatically transmitted to the server for the execution to be done in debug mode. This means that if the POST data has been transmitted to the current page, the browser will ask if the user wishes to post them again before executing the page in debug mode. In the same way, if the page uses frames (including hidden ones), the toolbar will request which frame the user wants to debug.

-Or- select one of the following debug options by clicking the arrow to the right of the

Debug button :

- Next page on site - The debugging session will be launched when the next link is clicked, a form is posted, or an AJAX request is executed.
- All forms (POST) on this site - The debugging session will be launched every time a link is clicked, a form is posted or an AJAX request is executed using the POST method. The script that will be debugged will be the script designated as the action of the form or link.
- All pages on this site - Debugs all pages from the current page.

**Note:**

If the files you would like to debug exist in your workspace, you can choose to debug the workspace copy of your files by going to Extra Stuff | Settings on the Toolbar and selecting the 'Debug Local Copy' option.

In Zend Studio for Eclipse, if path mapping has not yet been configured, a path mapping dialog will be displayed once the debugging session is launched to determine which workspace files will be debugged. See the [Path Mapping](#) topic in the Zend Studio for Eclipse Online Help for more details.

The relevant debug session will be launched in Zend Studio.

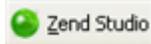
## Profiling Using the Zend Browser Toolbar

This procedure describes how to Profile using the Zend Browser Toolbar.



### To profile using the Zend Browser Toolbar:

1. Ensure the Zend Browser Toolbar is installed on your browser.
2. Open your browser and browse to the page from which you would like to start profiling.
3. Ensure Zend Studio is open. You can open it by clicking the Zend Studio button



in the toolbar.

4. Click the  button on the Zend Browser Toolbar to profile the page currently displayed in the browser.

The relevant Profile session will be launched in Zend Studio.

If Zend Studio is not open, you will be prompted to open it before the profiling session is launched.