

Using the Built-in Webserver in PhpStorm



Redirection Notice

This page will redirect to <https://www.jetbrains.com/help/phpstorm/php-built-in-web-server.html> in about 2 seconds.

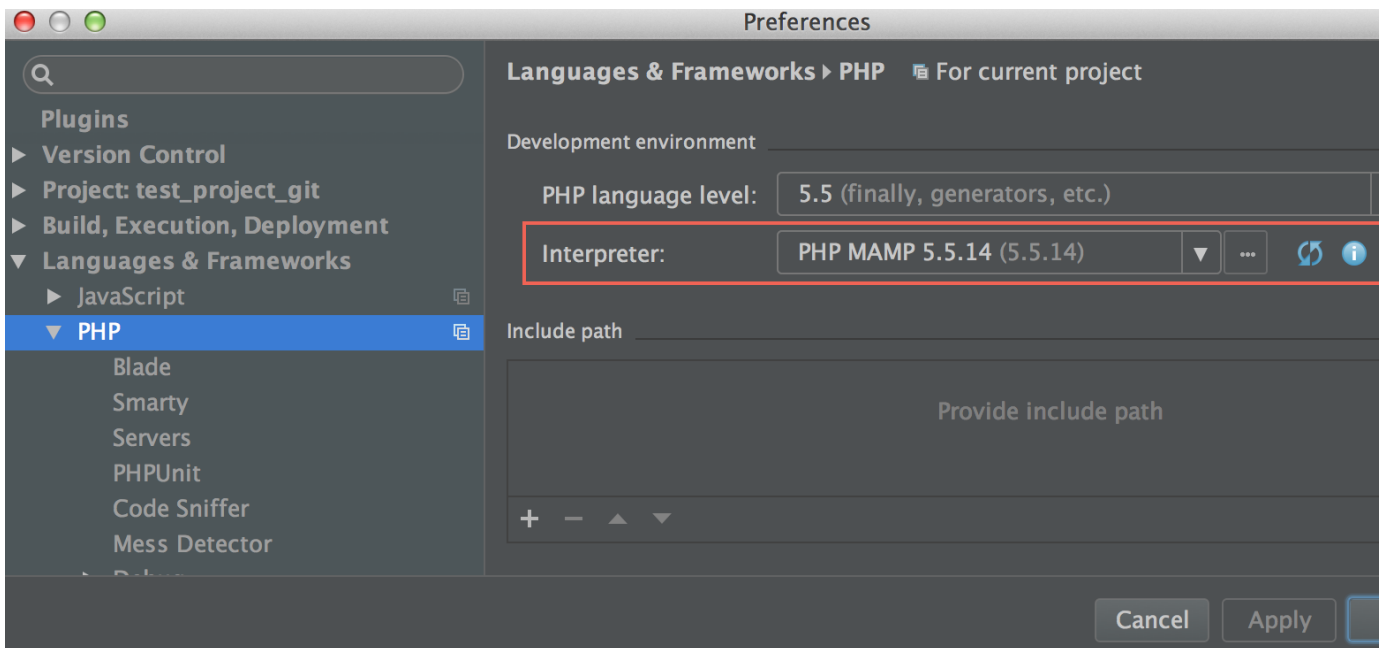
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This tutorial describes how to make use of the built-in webserver in PhpStorm.

PhpStorm comes with a built-in webserver that serves up static content like HTML, JavaScript and CSS, as well as PHP.

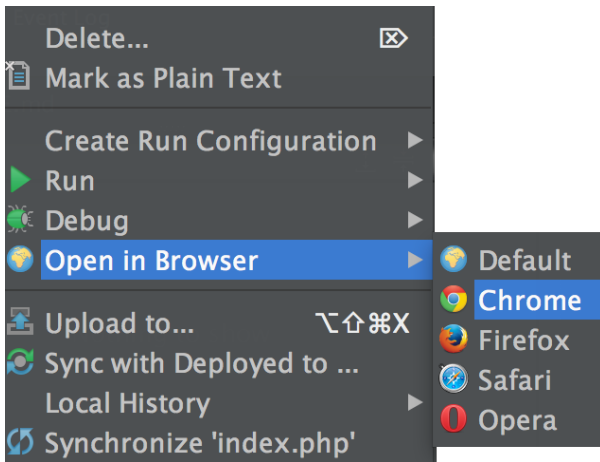
1. Open a project in PhpStorm

To be able to work with the built-in webserver in PhpStorm, a project has to be open. Make sure that the project has a PHP Interpreter configured under Settings / Preferences | Languages & Frameworks | PHP:

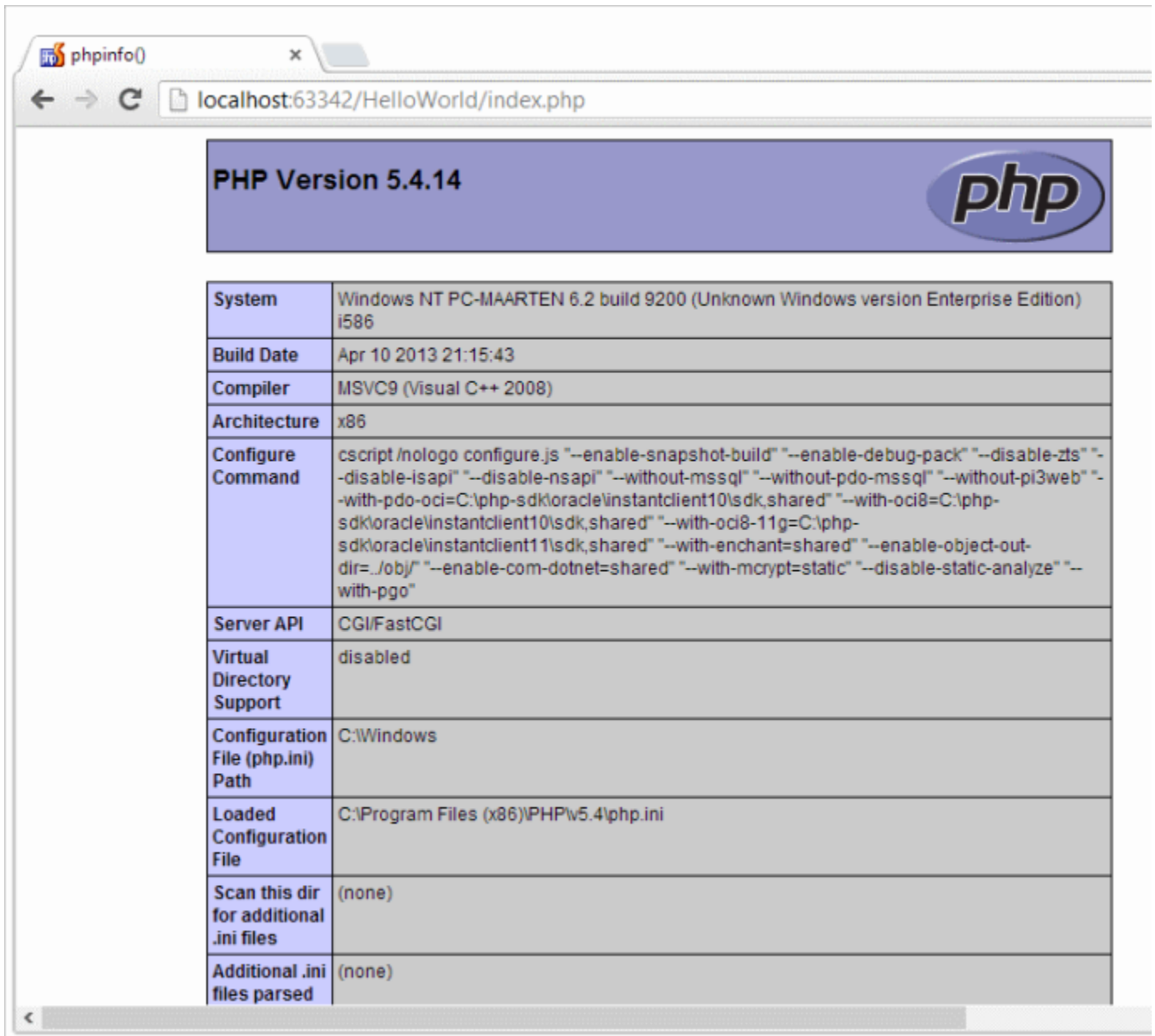


2. Open a web browser

The easiest way to open the file from PhpStorm project is invoking Open in Browser | Browser ... action in the file context menu (in Project View toolbox) or in the View | Open in Browser | Browser ... menu:



Alternatively, you can just navigate to <http://localhost:63342/<projectname>>. For example when working in a project called HelloWorld, navigate to <http://localhost:63342/HelloWorld/>. This will serve our project files using the project root as the webserver's content root.



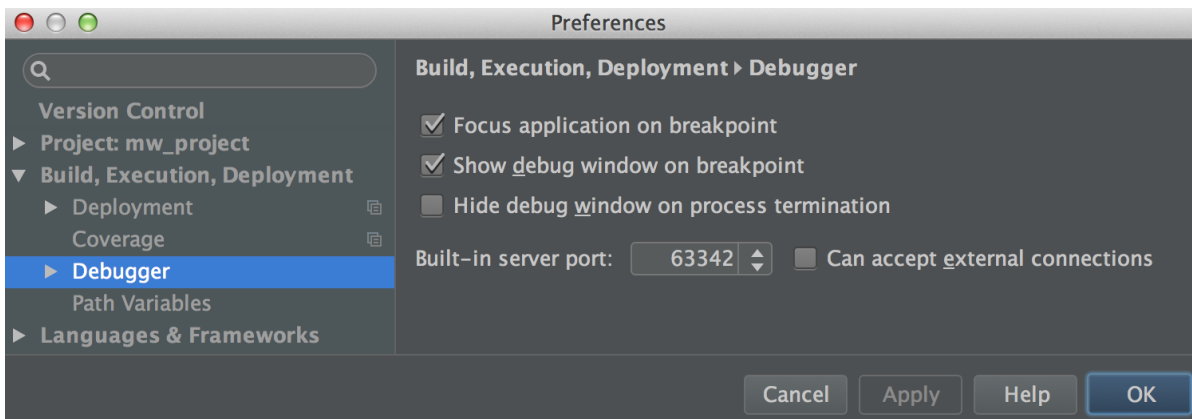
Debugging using built-in webserver

Built-in webserver behaves like a normal webserver, which means that it can be used for proper PHP debugging. Please make sure that either [Xdebug](#) or [Zend Debugger](#) debug extension is installed and configured for the PHP interpreter set for the project.

Debugging using the built-in webserver is the same as normal debugging described in [Zero-configuration Web Application Debugging with Xdebug](#) tutorial and other [debugging tutorials](#).

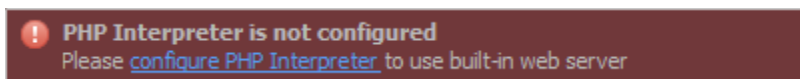
(optional) Built-in webserver configuration

Built-in webserver port can be always configured in Settings/Preferences | Build, Execution, Deployment | Debugger. The default port is 63342. Built-in webserver can also accept external connections when explicitly configured to do so (disabled by default due to security reasons).

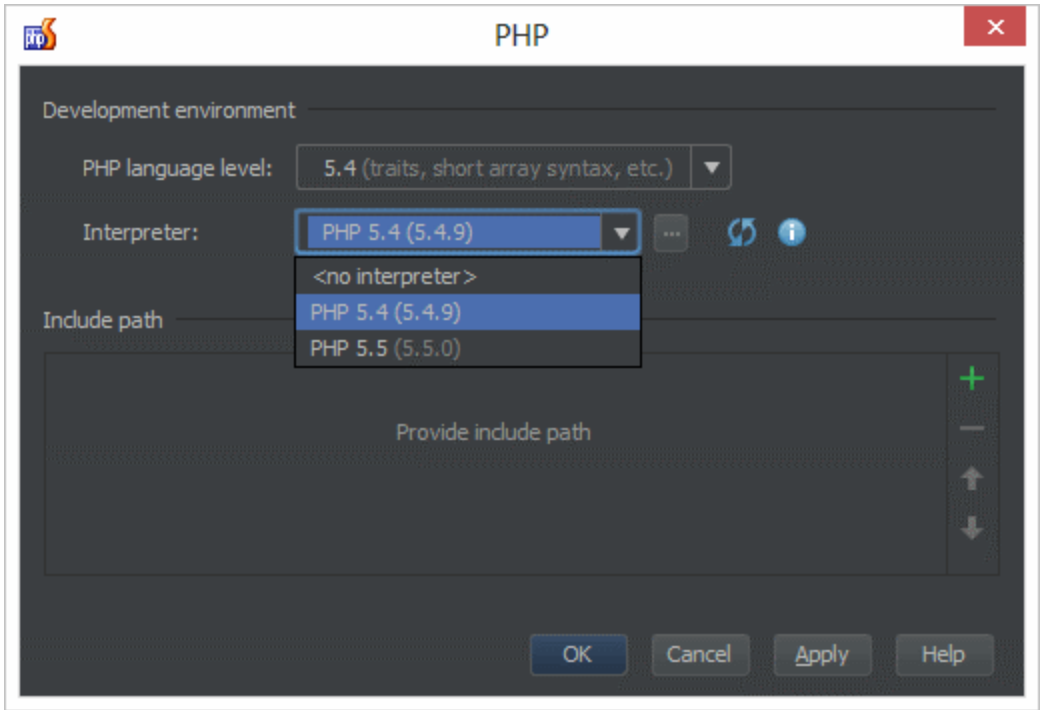


I'm getting an error: PHP Interpreter is not configured

When opening the browser and navigating to the project, an error may occur:



This error is displayed when you navigate to the built-in webserver and no PHP interpreter has been specified for the project. By clicking the link in the error message or by using Settings/Preferences | Languages & Frameworks | PHP, the PHP interpreter can be specified.



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