

PHP Built-in Web Server

Starting with version 5.4.0, PHP interpreters [incorporate a Web server](#) functionality. As soon as your project root folder or any other folder is declared the *built-in Web server* document root, all the files under this folder are submitted to the PHP interpreter for processing. All you need, is [enable the built-in Web server](#) in your project, [create a run configuration](#) of the type **PHP Built-in Web server**, and [launch the application](#) with this configuration.

Integration with the built-in Web server is supported in IntelliJ IDEA 11.1 and higher.

In this part:

- [Enabling a built-in Web server](#)
- [Creating a run configuration of the type PHP Built-in Server](#)
- [Running a PHP application on a built-in Web server](#)

To enable a built-in Web Server

1. [Download PHP 5.4.0](#) or higher.
2. [Register the downloaded PHP 5.4.0 interpreter in IntelliJ IDEA](#).
3. [Open your project](#).
4. [Appoint the PHP 5.4.0 interpreter configuration](#) for use in the project.

To create a built-in server run configuration

1. Open the [Run/Debug Configuration](#) dialog box by doing one of the following:
 - On the main menu, choose **Run | Edit Configurations**.
 - Press **Shift+Alt+F10**, then press **0** to display the **Edit Configuration** dialog box or select the configuration from the pop-up window and press **F4**.
2. Click **+** on the toolbar or press **Insert**. From the drop-down list, select the **PHP Built-in Web Server** configuration type. The [PHP Built-in Web Server](#) dialog box opens.
3. Specify the configuration name.
4. Specify the server connection settings:
 1. In the **Host** text box, type `localhost`.
 2. In the **Port** text box, type the port number the server will listen to. The default port number is `80`.
5. Specify the folder that will be considered [server document root](#). The folders that are under this document root in the project tree will be submitted to the PHP interpreter. The server document root folder will be accessed through HTTP at the above specified *host:port*.

In the **Document root** text box, specify the path to the relevant folder. This can be the project root or any other folder under it.

Optionally, customize the run configuration:

- To have a specific script always executed upon the server start-up, select the **Use router script** check box and specify the path to the script in the text box.
- To customize the behavior of the current PHP interpreter, in the **Command Line** area specify the options and arguments to be passed to the PHP executable file.

To run a PHP application on a built-in Web server

1. [Run](#) the application. To do that, select the [built-in Web server run configuration](#) from the **Run/Debug Configuration** drop-down list on the main tool bar, and then click the **Run** button .
2. Launch the browser of your choice and open the starting page of your application by typing its URL address in the following format:

```
http://localhost:<port>/<path to the required file relative to the server document root>
```

See Also

Concepts:

- [Run/Debug Configuration](#)

Procedures:

- [Configuring PHP Development Environment](#)
- [Running PHP Applications](#)
- [Running Applications](#)
- [PHP-Specific Guidelines](#)

Reference:

- [Run/Debug Configuration: PHP Built-in Web Server](#)
- [Run Tool Window](#)

Web Resources:

- [Developer Community](#) 