

# Configuring PHP Development Environment

This topic gives general guidelines in configuring environment for developing and testing PHP applications locally. These instructions by no means apply to configuring production environment, which is outside the scope of this Help.

PHP development requires the following software installed and configured:

- A Web server and a PHP engine are mandatory.

The PHP 5.4 interpreter contains a built-in Web server. The server is by no means intended for production but for development and testing purposes only.

- A database server, if your application will use a database.
- A debugging tool, if you are going to debug your application.
- A command line tool, if you are going to run PHP commands from the command line.

## To set up the PHP development environment

1. Download, install, and configure the Web server, the PHP engine, and the MySQL server. Do one of the following:
  - Download, install, and configure the desired [AMP package](#) (Apache, MySQL, PHP).
  - Install and configure [each component separately](#), then [check your installation](#).
2. Optionally, perform these steps:
  - Install and configure a [debugging engine](#).
  - Install or create and enable a [PHP-specific command line tool](#).
  - Install and enable the [PHPUnit tool](#).

## See Also



Procedures:

- [Enabling PHP Support](#)
- [Enabling a Command Line Tool](#)
- [Configuring a Debugging Engine](#)

Reference:

- [PHP](#)
- [Command Line Tool Support](#)

External Links:

- <http://httpd.apache.org/> 
- <http://ru.php.net/downloads.php> 
- <http://www.xdebug.org/> 

Web Resources:

- [Developer Community](#) 