

Validating the Configuration of a Debugging Engine

IntelliJ IDEA can validate your configuration of *Xdebug* or *Zend Debugger* and tell you if some setting is missing (for example, `xdebug.remote_enable`) or inconsistent with other settings. When configuring the PHP interpreter for a project, IntelliJ IDEA informs you whether a debugger is installed in your local PHP development environment and reports on the *Xdebug* or *Zend Debugger* version used. For details, see [Configuring a Debugging Engine](#) and [Enabling PHP Support](#).

You can also validate the debugger setup in a remote environment.

On this page:

- [Checking the debugger installation in a local environment](#)
- [Checking the debugger configuration in a remote environment](#)

Checking the debugger installation in a local environment

1. Open the project settings by choosing **File | Settings** and then click **PHP**.
2. On the **PHP** page that opens, choose the relevant PHP installation from the **Interpreter** drop-down list and click the **Browse** button  next to the field. The list shows all the PHP installations available in IntelliJ IDEA, see [Enabling PHP Support](#).
3. The **Interpreters** dialog box that opens shows the following:
 - The version of the selected PHP installation.
 - The name and version of the debugging engine associated with the selected PHP installation (Xdebug or Zend Debugger). If no debugger is configured, IntelliJ IDEA shows Debugger: Not installed.

Checking the debugger configuration in a remote environment

In the context of IntelliJ IDEA, the term *remote* denotes any environment outside the project root. This can be a server on physically remote host, or a *Vagrant box*, or a server on the same machine but in a folder outside your project root. For details, see [Working with Web Servers: Copying Files](#).

1. To configure synchronization with the target remote environment, create a server access configuration of the type [Local Server](#) or [Remote Server](#), for details see [Configuring Synchronization with a Web Server](#).
2. On the **PHP** page of the **Settings** dialog box, choose the relevant PHP installation from the **Interpreter** drop-down list and click **Apply**. For details, [Enabling PHP Support](#).
3. On the **Servers** page of the **Settings** dialog box, specify the host and port of the target environment and choose the debugging engine to validate. Then click the **Validate remote environment** button.
4. In the [Validate Remote Environment Dialog](#) that opens, specify the server access configuration to synchronize with the environment and click **Validate**. IntelliJ IDEA runs a validation script and displays the results in the **Information** area:
 - The currently active `php.ini` file.
 - The available debugging engine.
 - Detected discrepancies in configuration.

See Also

Procedures:

- [Configuring a Debugging Engine](#)
- [Configuring PHP Development Environment](#)
- [PHP Debugging Session](#)

Reference:

- [Servers](#)
- [Validate Remote Environment Dialog](#)
- [Debug](#)

External Links:

- <http://blog.jetbrains.com/phpstorm/2013/08/debugger-configuration-validation-with-phpstorm/> 

Web Resources:

- [Developer Community](#) 