




Testing PHP Applications

The topics in this part provide guidelines in PHP-specific unit testing procedures. For general information on testing in IntelliJ IDEA, see the section [Testing](#).

IntelliJ IDEA supports unit testing of PHP applications through integration with the [PHPUnit](#) tool.

Generally, IntelliJ IDEA runs and debugs PHPUnit tests same way as other applications, by running the run/debug configurations [you have created](#). When doing so, it passes the specified test class, file, or directory to the test runner. You can run unit testing locally and remotely depending on the chosen run configuration.

To create and run unit tests on php applications, perform the following general steps:

- [Enable PHPUnit support](#).
- Write the unit tests to run.
- [Group the test](#) to distinguish between testing in a production and in your development environment or to enable filtering tests by their authors.
- [Create a run configuration](#):
 - To run unit tests locally, create a [PHPUnit](#) configuration.
 - To run unit tests on a remote server, create a [PHPUnit on Server](#) configuration.
- [Launch unit tests](#) by clicking the **Run** toolbar button  and [monitor test results](#) in the [Run tool window](#).
- Launch unit tests with coverage by clicking the **Run with coverage** toolbar button  and analyze the test coverage in the [Coverage Tool Window](#).
- Debug unit tests by setting breakpoints where necessary and clicking the **Debug** toolbar button . For details, see [PHP Debugging Session](#).

See Also

Procedures:

- [Configuring Project Settings](#)
- [Configuring Content Roots](#)
- [PHP-Specific Guidelines](#)
- [Testing](#)

Reference:

- [PHP](#)
- [Sources Tab](#)
- [Run/Debug Configuration: PHPUnit](#)
- [Run/Debug Configuration: PHPUnit on Server](#)

Web Resources:

- [Developer Community](#)