

## Creating Run/Debug Configuration for Tests

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You can run your tests (test cases, test suites, etc.) using [run/debug configurations](#), in the way similar to running ordinary applications.

To create the necessary run/debug configurations, you can use the general procedure (see [Creating and Editing Run/Debug Configuration](#)) or various shortcuts available in IntelliJ IDEA. Using these shortcuts (implemented as context menu commands) you can create the run/debug configurations for:

- An individual test case.
- All tests in a directory or a package.
- Selected test classes which may be located in the same or different directories, packages or modules.

This option is available only for JUnit.

- An individual test method.

You can run your tests even without creating the run/debug configurations for them. To do that, use the **Run** (Ctrl+Shift+F10) or the **Debug** command in corresponding context menus.

As a result, temporary run/debug configurations will be generated which you can then save.

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## Creating a run/debug configuration for tests

1. To start creating the run/debug configuration, open the context menu for the item or items of interest and select the appropriate **Create** command. So, depending on what you want to create the run/debug configuration for, do one of the following:
  - If you want to create the run/debug configuration for an individual test, or all tests in a directory or a package:
    1. Right-click the corresponding test class, directory or package in the [Project tool window](#).
    2. Select the **Create ...** command from the context menu.



The command name depends on your current selection in the **Project** tool window and may look something like:

      - **Create "All Tests"** for a source or test directory.
      - **Create "Tests in '<package\_name>'"** for a package.
      - **Create "<test\_name>"** for a test class.
  - If you want to create the run/debug configuration for selected tests:
    1. Select the tests of interest in the [Project tool window](#).
    2. Right-click one of the selected tests to open the context menu.
    3. In the context menu, select **Create "<first\_test\_name> and <n> more"**.
  - If you want to create the run/debug configuration for a test method:
    1. Open the test class containing the method of interest in the editor.
    2. To open the context menu, right-click somewhere within the method code.
    3. In the context menu, select **Create "<method\_name>()"**.

A similar context menu command is available for the whole test class in the editor. To open the context menu for the class, right-click somewhere outside the area occupied by the code of the methods (for example, in the line containing the class declaration).

2. In the dialog that opens, specify the run/debug configuration parameters and click **OK**. For more information, see the corresponding dialog description for [JUnit](#) or [TestNG](#).

To distinguish between the context menu commands for JUnit and TestNG, the following icons are used:

-  for JUnit.
-  for TestNG.

## See Also

### Procedures:

- [Creating and Editing Run/Debug Configurations](#)

### Reference:

- [Run/Debug Configurations](#)
- [Run/Debug Configuration: JUnit](#)
- [Run/Debug Configuration: TestNG](#)

### Web Resources:

