

Running Command Line Tool Commands

You can run commands and analyze their output right in IntelliJ IDEA using the dedicated [Command Line Tools Console](#) tool window. The character set to be used in the tool window is chosen from the **Console encoding** drop-down list on the [Command Line Tool Support](#) page of the **Settings** dialog box. If necessary, you can export the output.

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To execute a command in the command line

1. To access the **Input** pane, choose **Tools | Run Command** on the main menu or press **Ctrl+Shift+X** (**Cmd-Shift-X** on OS X).


Depending on the **Show console in** setting in the [Command Line Tool Support](#) page, the **Input** pane opens either as a pop-up window or as a text box at the bottom of the dedicated [Command Line Tools Console](#) tool window.

2. In the **Input** pane, type the call of the command in the format: `<tool alias> <command>`
 1. Besides tool-specific commands, you can also run simple, operating system-wide, commands, such as, `ls`, etc.
 2. Most command line tools operate within the context of their own projects. A *tool project* is not the same as a *IntelliJ IDEA project*. Therefore, when using a tool from IntelliJ IDEA for the first time, you need to create its own "initial" tool project besides you current IntelliJ IDEA project. To do so, run the project generation command specific for the current tool in the **Command Line Tool Input** pane. The "initial project" is located in the IntelliJ IDEA project root.
3. View the result of command execution in the *output* tab named after the last invoked command.


To terminate a running command, do one of the following:

- During the command execution, click the **Stop** toolbar button .
- Kill the current thread from the progress bar, if the *output* tab is already closed.

To export the output

1. Click the **Export to Text** toolbar button  or press **Alt+O**.
2. In the **Export Preview** dialog box that opens, do one of the following:
 - To have the output saved in a text file, specify the target text file in the **Export to file** text box and click the **Save** button. If the file with this name and location already exists, choose to overwrite its contents with the new data or to append the new data to the existing file.
 - To copy the output to the clipboard, click the **Copy** button.

To have IntelliJ IDEA launch a command line tool automatically after checking in changes to the repository

1. [Open the IntelliJ IDEA settings](#) and configure the required command line tool as an [external tool](#) on the [External Tools](#) page.
2. [Start checking in your changes](#).
3. In the **After Commit** area, specify the tool to launch in the **Run tool** drop-down list. Choose one of the available tools or define a new one: click the **Browse** button  and configure the required command line tool as an [external tool](#) in the [External Tools](#) dialog box that opens.

See Also

Procedures:

- [Using Command Line Tools](#)
- [PHP-Specific Command Line Tools](#)
- [PHP-Specific Guidelines](#)

Reference:

- [Command Line Tools Console Tool Window](#)
- [Command Line Tool Support](#)
- [PHP](#)

Web Resources:

- [Developer Community](#) 