

[Xcode](#) / Command-line tools

Command-line tools

Develop and customize your projects in Terminal.

Overview

You can use command-line tools to perform some actions in Terminal without running Xcode. For example, you can develop your open source or cross-platform projects, notarize your macOS software, automate your builds, implement continuous integration, and apply specific settings to your projects.

Note

For more information on accessing the command-line tools documentation, see [Reading UNIX Manual Pages](#).

Topics

Essentials



Installing the command-line tools

Install command-line tools for Xcode using an installer package or the Terminal app.



Configuring command-line tools settings

Select the version of Xcode you want to use for command-line tools, in either Xcode settings or Terminal.



Xcode command-line tool reference

Use command-line tools that require you to install Xcode and set the app as the active developer directory.

See Also

Xcode IDE

☰ Projects and workspaces

Manage the code and resources you use to build apps, libraries, and other software for Apple platforms.

☰ Source control management

Back up your files, collaborate with others, and tag your releases with Git source control support in Xcode.

☰ Capabilities

Enable services that Apple provides, such as In-App Purchase, Push Notifications, Apple Pay, iCloud, and many others.

☰ Build system

Compile your code into a binary format, and customize your project settings to build your code.