Sui CLI

Sui provides a command line interface (CLI) tool to interact with the Sui network, its features, and the Move programming language. The complete suite of tools is called the Sui CLI, with commands grouped together by feature. Each group of commands is commonly referred to by its top-level command: Sui Client CLI, Sui Console CLI, Sui Keytool CLI, Sui Move CLI, and Sui Validator CLI.

Before you can use the Sui CLI, you must install it. To check if the CLI exists on your system, open a terminal or console and type the following command:

If the terminal or console responds with a version number, you already have the Sui CLI installed.

If the command is not found, follow the instructions in [Install Sui](#) to get the Sui CLI on your system.

To get the latest version of the CLI, you can run the following command from a terminal or console. Be sure to replace with main , devnet , testnet , or mainnet to get the desired version. For more information on the branches available, see [Sui Environment Setup](#) .

The tracing feature is important as it adds Move test coverage and debugger support in the Sui CLI. Unless it is enabled you will not be able to use these two features.

There are a number of top-level commands available, but the five most useful to users are the following. Use the help flag for the commands that are not documented yet. For example, sui validator --help .

Check Sui CLI installation

Before you can use the Sui CLI, you must install it. To check if the CLI exists on your system, open a terminal or console and type the following command:

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Update CLI

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