

Install Sui

The quickest way to install Sui is using the binaries delivered with every release. If you require more control over the install process, you can install from source. To take advantage of containerization, you can utilize the Docker images in the docker folder of the sui repository.

Sui supports the following operating systems:

Use one of the following commands for [Homebrew](#) (MacOS, Linux, or Windows Subsystem for Linux) or [Chocolatey](#) (Windows) to install Sui.

Find more [versions of Sui for Windows](#) on the Chocolatey community website.

If you use this method to install Sui, you are all set. The quick install is suitable for most use cases. The remaining installation methods are for those wanting more control over the installation process.

Each Sui release provides a set of binaries for several operating systems. You can download these binaries from GitHub and use them to install Sui.

Go to <https://github.com/MystenLabs/sui>.

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the user root of your system for demonstration purposes. Replace references to this location in subsequent steps if you choose a different directory.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. To do so, you can update your ~/.bashrc to include the location of the Sui binaries. If using the suggested location, you type export PATH=\$PATH:~/sui and press Enter.

Start a new terminal session or type source ~/.bashrc to load the new PATH value.

Go to <https://github.com/MystenLabs/sui>.

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the user root of your system. Replace references to this location in subsequent steps if you choose a different directory.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. To do so, you can update your ~/.zshrc or ~/.bashrc to include the location of the Sui binaries. If using the suggested location, you type export PATH=\$PATH:~/sui and press Enter.

Start a new terminal session or type source ~/.zshrc (or .bashrc) to load the new PATH value.

If running the binaries for the first time, you might receive an error from MacOS that prevents the binaries from running. If you receive this error, close the dialog and type xattr -d com.apple.quarantine ~/sui/* in your terminal and press Enter (be sure to adjust the path if different).

Go to <https://github.com/MystenLabs/sui>.

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the root of your C drive. Replace references to this location in subsequent steps if you choose a different directory.

Windows does not natively support .tgz files, but you can use a free compressed file app like [7Zip](#) to extract.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. There are several ways to get to the setting depending on your version of Windows. One way that works on all versions of Windows is to type sysdm.cpl in a console to open the System Properties window. Under the Advanced tab, click the Environment Variables... button.

In the Environment Variables window, select the Path variable and click the Edit... button.

In the Edit environment variable window, click New and add the path to your expanded folder. Using the example path, this would be C:\sui .

Click OK .

Running binaries other than sui might require installing prerequisites itemized in the following section.

To confirm that Sui installed correctly, type sui --version in your console or terminal and press Enter. The response should provide the Sui version installed. If the console or terminal responds with a command not found error, make sure the full path to your Sui binaries is included in your PATH variable.

Run the following command to install Sui binaries from the testnet branch:

Enabling the tracing feature is important as it adds Move test coverage and debugger support in the Sui CLI. Without it these two features will not be able to be used.

The install process can take a while to complete. You can monitor installation progress in the terminal. If you encounter an error, make sure to install the latest version of all prerequisites and then try the command again.

To update to the latest stable version of Rust:

The command installs Sui components in the ~/.cargo/bin folder.

If you previously installed the Sui binaries, you can update them to the most recent release with the same command you used to install them (changing testnet to the desired branch):

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.

The sui-node binaries for Ubuntu 22.04 are available for download from AWS. You can use either the commit sha or version tag in the URL to retrieve the specific version of Sui you want. Use one of these values to construct the AWS download URL.

The URL is in the form <https://sui-releases.s3-accelerate.amazonaws.com/sui-node> , where you replace with the proper value. For example, the URL is <https://sui-releases.s3-accelerate.amazonaws.com/00544a588bb71c395d49d91f756e8bf96067eca/sui-node> to download the release with the relevant commit sha. If you visit the URL using a browser, the binary downloads automatically.

After downloading, open a console to the file's location and change its permission to 755 .

Add the file's location to your PATH variable if it's directory is not already included. Follow the steps in [Sui Full Node Configuration](#) to complete the setup.

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#) .

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is

with rustup using cURL.

Some other commands in the installation instructions also require cURL to run. If you can't run the cURL command to install Rust, see the instructions to install cURL for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the install wizard.

For additional installation options, see [Install Rust](#).

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with rustup :

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get :

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#) :

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#).

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#).

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#).

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, Mysten.move , in the extension view, or by pressing Ctrl-P or Cmd-P and typing ext install mysten.move . Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#) , [Vim](#) , and [Zed](#) .

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Supported operating systems

Sui supports the following operating systems:

Use one of the following commands for [Homebrew](#) (MacOS, Linux, or Windows Subsystem for Linux) or [Chocolatey](#) (Windows) to install Sui.

Find more [versions of Sui for Windows](#) on the Chocolatey community website.

If you use this method to install Sui, you are all set. The quick install is suitable for most use cases. The remaining installation methods are for those wanting more control over the installation process.

Each Sui release provides a set of binaries for several operating systems. You can download these binaries from GitHub and use

them to install Sui.

Go to <https://github.com/MystenLabs/sui> .

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the user root of your system for demonstration purposes. Replace references to this location in subsequent steps if you choose a different directory.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. To do so, you can update your ~/.bashrc to include the location of the Sui binaries. If using the suggested location, you type export PATH=\$PATH:~/sui and press Enter.

Start a new terminal session or type source ~/.bashrc to load the new PATH value.

Go to <https://github.com/MystenLabs/sui> .

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the user root of your system. Replace references to this location in subsequent steps if you choose a different directory.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. To do so, you can update your ~/.zshrc or ~/.bashrc to include the location of the Sui binaries. If using the suggested location, you type export PATH=\$PATH:~/sui and press Enter.

Start a new terminal session or type source ~/.zshrc (or .bashrc) to load the new PATH value.

If running the binaries for the first time, you might receive an error from MacOS that prevents the binaries from running. If you receive this error, close the dialog and type xattr -d com.apple.quarantine ~/sui/* in your terminal and press Enter (be sure to adjust the path if different).

Go to <https://github.com/MystenLabs/sui> .

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the root of your C drive. Replace references to this location in subsequent steps if you choose a different directory.

Windows does not natively support .tgz files, but you can use a free compressed file app like [7Zip](#) to extract.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. There are several ways to get to the setting depending on your version of Windows. One way that works on all versions of Windows is to type sysdm.cpl in a console to open the System Properties window. Under the Advanced tab, click the Environment Variables... button.

In the Environment Variables window, select the Path variable and click the Edit... button.

In the Edit environment variable window, click New and add the path to your expanded folder. Using the example path, this would be C:\sui .

Click OK .

Running binaries other than sui might require installing prerequisites itemized in the following section.

To confirm that Sui installed correctly, type `sui --version` in your console or terminal and press Enter. The response should provide the Sui version installed. If the console or terminal responds with a command not found error, make sure the full path to your Sui binaries is included in your PATH variable.

Run the following command to install Sui binaries from the testnet branch:

Enabling the tracing feature is important as it adds Move test coverage and debugger support in the Sui CLI. Without it these two features will not be able to be used.

The install process can take a while to complete. You can monitor installation progress in the terminal. If you encounter an error, make sure to install the latest version of all prerequisites and then try the command again.

To update to the latest stable version of Rust:

The command installs Sui components in the `~/cargo/bin` folder.

If you previously installed the Sui binaries, you can update them to the most recent release with the same command you used to install them (changing testnet to the desired branch):

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.

The sui-node binaries for Ubuntu 22.04 are available for download from AWS. You can use either the commit sha or version tag in the URL to retrieve the specific version of Sui you want. Use one of these values to construct the AWS download URL.

The URL is in the form `https://sui-releases.s3-accelerate.amazonaws.com/sui-node` , where you replace with the proper value. For example, the URL is `https://sui-releases.s3-accelerate.amazonaws.com/00544a588bb71c395d49d91f756e8bfe96067eca/sui-node` to download the release with the relevant commit sha. If you visit the URL using a browser, the binary downloads automatically.

After downloading, open a console to the file's location and change its permission to 755 .

Add the file's location to your PATH variable if it's directory is not already included. Follow the steps in [Sui Full Node Configuration](#) to complete the setup.

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#) .

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is with `rustup` using `cURL`.

Some other commands in the installation instructions also require `cURL` to run. If you can't run the `cURL` command to install Rust, see the instructions to install `cURL` for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the install wizard.

For additional installation options, see [Install Rust](#) .

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with `rustup` :

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get :

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#) :

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#) .

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#) .

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#) .

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, Mysten.move , in the extension view, or by pressing Ctrl-P or Cmd-P and typing ext install mysten.move . Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#) , [Vim](#) , and [Zed](#) .

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Quick install using Homebrew or Chocolatey

Use one of the following commands for [Homebrew](#) (MacOS, Linux, or Windows Subsystem for Linux) or [Chocolatey](#) (Windows) to install Sui.

Find more [versions of Sui for Windows](#) on the Chocolatey community website.

If you use this method to install Sui, you are all set. The quick install is suitable for most use cases. The remaining installation methods are for those wanting more control over the installation process.

Download binaries from GitHub

Each Sui release provides a set of binaries for several operating systems. You can download these binaries from GitHub and use them to install Sui.

Go to <https://github.com/MystenLabs/sui> .

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the user root of your system for demonstration purposes. Replace references to this location in subsequent steps if you choose a different directory.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. To do so, you can update your ~/.bashrc to include the location of the Sui binaries. If using the suggested location, you type export PATH=\$PATH:~/sui and press Enter.

Start a new terminal session or type `source ~/.bashrc` to load the new PATH value.

Go to <https://github.com/MystenLabs/sui> .

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the user root of your system. Replace references to this location in subsequent steps if you choose a different directory.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. To do so, you can update your ~/.zshrc or ~/.bashrc to include the location of the Sui binaries. If using the suggested location, you type `export PATH=$PATH:~/sui` and press Enter.

Start a new terminal session or type `source ~/.zshrc` (or `.bashrc`) to load the new PATH value.

If running the binaries for the first time, you might receive an error from MacOS that prevents the binaries from running. If you receive this error, close the dialog and type `xattr -d com.apple.quarantine ~/sui/*` in your terminal and press Enter (be sure to adjust the path if different).

Go to <https://github.com/MystenLabs/sui> .

In the right pane, find the Releases section.

Click the release tagged Latest to open the release's page.

In the Assets section of the release, select the .tgz compressed file that corresponds to your operating system.

Extract all files from the .tgz file into the preferred location on your system. These instructions assume you extract the files into a sui folder at the root of your C drive. Replace references to this location in subsequent steps if you choose a different directory.

Windows does not natively support .tgz files, but you can use a free compressed file app like [7Zip](#) to extract.

Navigate to the expanded folder. You should have the following extracted files:

Add the folder containing the extracted files to your PATH variable. There are several ways to get to the setting depending on your version of Windows. One way that works on all versions of Windows is to type `sysdm.cpl` in a console to open the System Properties window. Under the Advanced tab, click the Environment Variables... button.

In the Environment Variables window, select the Path variable and click the Edit... button.

In the Edit environment variable window, click New and add the path to your expanded folder. Using the example path, this would be `C:\sui` .

Click OK .

Running binaries other than sui might require installing prerequisites itemized in the following section.

To confirm that Sui installed correctly, type `sui --version` in your console or terminal and press Enter. The response should provide the Sui version installed. If the console or terminal responds with a command not found error, make sure the full path to your Sui binaries is included in your PATH variable.

Run the following command to install Sui binaries from the testnet branch:

Enabling the tracing feature is important as it adds Move test coverage and debugger support in the Sui CLI. Without it these two features will not be able to be used.

The install process can take a while to complete. You can monitor installation progress in the terminal. If you encounter an error, make sure to install the latest version of all prerequisites and then try the command again.

To update to the latest stable version of Rust:

The command installs Sui components in the `~/cargo/bin` folder.

If you previously installed the Sui binaries, you can update them to the most recent release with the same command you used to install them (changing testnet to the desired branch):

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.

The sui-node binaries for Ubuntu 22.04 are available for download from AWS. You can use either the commit sha or version tag in the URL to retrieve the specific version of Sui you want. Use one of these values to construct the AWS download URL.

The URL is in the form `https://sui-releases.s3-accelerate.amazonaws.com/sui-node`, where you replace with the proper value. For example, the URL is `https://sui-releases.s3-accelerate.amazonaws.com/00544a588bb71c395d49d91f756e8bfe96067eca/sui-node` to download the release with the relevant commit sha. If you visit the URL using a browser, the binary downloads automatically.

After downloading, open a console to the file's location and change its permission to 755.

Add the file's location to your PATH variable if its directory is not already included. Follow the steps in [Sui Full Node Configuration](#) to complete the setup.

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#).

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is with rustup using cURL.

Some other commands in the installation instructions also require cURL to run. If you can't run the cURL command to install Rust, see the instructions to install cURL for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the install wizard.

For additional installation options, see [Install Rust](#).

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with rustup:

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get:

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#):

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#) .

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#) .

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#) .

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, `Mysten.move`, in the extension view, or by pressing Ctrl-P or Cmd-P and typing `ext install mysten.move`. Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#), [Vim](#), and [Zed](#).

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Install from Cargo

Run the following command to install Sui binaries from the testnet branch:

Enabling the tracing feature is important as it adds Move test coverage and debugger support in the Sui CLI. Without it these two features will not be able to be used.

The install process can take a while to complete. You can monitor installation progress in the terminal. If you encounter an error, make sure to install the latest version of all prerequisites and then try the command again.

To update to the latest stable version of Rust:

The command installs Sui components in the `~/.cargo/bin` folder.

If you previously installed the Sui binaries, you can update them to the most recent release with the same command you used to install them (changing testnet to the desired branch):

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.

The sui-node binaries for Ubuntu 22.04 are available for download from AWS. You can use either the commit sha or version tag in the URL to retrieve the specific version of Sui you want. Use one of these values to construct the AWS download URL.

The URL is in the form `https://sui-releases.s3-accelerate.amazonaws.com/sui-node`, where you replace with the proper value. For example, the URL is `https://sui-releases.s3-accelerate.amazonaws.com/00544a588bb71c395d49d91f756e8bfe96067eca/sui-node` to download the release with the relevant commit sha. If you visit the URL using a browser, the binary downloads automatically.

After downloading, open a console to the file's location and change its permission to 755.

Add the file's location to your PATH variable if it's directory is not already included. Follow the steps in [Sui Full Node Configuration](#) to complete the setup.

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#).

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is with `rustup` using `cURL`.

Some other commands in the installation instructions also require `cURL` to run. If you can't run the `cURL` command to install Rust, see the instructions to install `cURL` for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the

install wizard.

For additional installation options, see [Install Rust](#) .

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with rustup :

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get :

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#) :

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#) .

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#) .

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#) .

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, `Mysten.move` , in the extension view, or by pressing Ctrl-P or Cmd-P and typing `ext install mysten.move` . Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#) , [Vim](#) , and [Zed](#) .

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Upgrade from Cargo

If you previously installed the Sui binaries, you can update them to the most recent release with the same command you used to install them (changing testnet to the desired branch):

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.

The sui-node binaries for Ubuntu 22.04 are available for download from AWS. You can use either the commit sha or version tag in the URL to retrieve the specific version of Sui you want. Use one of these values to construct the AWS download URL.

The URL is in the form `https://sui-releases.s3-accelerate.amazonaws.com/sui-node` , where you replace with the proper value. For example, the URL is `https://sui-releases.s3-accelerate.amazonaws.com/00544a588bb71c395d49d91f756e8bfe96067eca/sui-node` to download the release with the relevant commit sha. If you visit the URL using a browser, the binary downloads automatically.

After downloading, open a console to the file's location and change its permission to 755 .

Add the file's location to your PATH variable if it's directory is not already included. Follow the steps in [Sui Full Node Configuration](#) to complete the setup.

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#) .

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is with rustup using cURL.

Some other commands in the installation instructions also require cURL to run. If you can't run the cURL command to install Rust, see the instructions to install cURL for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the install wizard.

For additional installation options, see [Install Rust](#) .

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with rustup :

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get :

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#) :

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#) .

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#) .

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#) .

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, Mysten.move , in the extension view, or by pressing Ctrl-P or Cmd-P and typing ext install mysten.move . Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#) , [Vim](#) , and [Zed](#) .

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Install

The sui-node binaries for Ubuntu 22.04 are available for download from AWS. You can use either the commit sha or version tag in the URL to retrieve the specific version of Sui you want. Use one of these values to construct the AWS download URL.

The URL is in the form <https://sui-releases.s3-accelerate.amazonaws.com/sui-node> , where you replace with the proper value. For

example, the URL is <https://sui-releases.s3-accelerate.amazonaws.com/00544a588bb71c395d49d91f756e8bfe96067eca/sui-node> to download the release with the relevant commit sha. If you visit the URL using a browser, the binary downloads automatically.

After downloading, open a console to the file's location and change its permission to 755 .

Add the file's location to your PATH variable if it's directory is not already included. Follow the steps in [Sui Full Node Configuration](#) to complete the setup.

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#) .

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is with rustup using cURL.

Some other commands in the installation instructions also require cURL to run. If you can't run the cURL command to install Rust, see the instructions to install cURL for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the install wizard.

For additional installation options, see [Install Rust](#) .

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with rustup :

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get :

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#) :

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#) .

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#) .

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#) .

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, `Mysten.move` , in the extension view, or by pressing Ctrl-P or Cmd-P and typing `ext install mysten.move` . Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#) , [Vim](#) , and [Zed](#) .

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Build from source

Follow the instructions in this topic to install the Rust crates (packages) required to interact with Sui networks, including the Sui CLI.

To install Sui from source, you first need to install its [prerequisites](#) for your operating system. After installing the supporting technologies, you can install [Sui binaries from source](#) .

You can also download the [source code](#) to have local access to files.

Your system needs the following prerequisites available to successfully install Sui.

Sui requires Rust and Cargo (Rust's package manager) on all supported operating systems. The suggested method to install Rust is with rustup using cURL.

Some other commands in the installation instructions also require cURL to run. If you can't run the cURL command to install Rust, see the instructions to install cURL for your operating system in the following section before you install Rust.

Use the following command to install Rust and Cargo on macOS or Linux:

If you use Windows 11, see information about using the [Rust installer](#) on the Rust website. The installer checks for C++ build tools and prompts you to install them if necessary. Select the option that best defines your environment and follow the instructions in the install wizard.

For additional installation options, see [Install Rust](#) .

Sui uses the latest version of Cargo to build and manage dependencies. See the [Cargo installation](#) page on the Rust website for more information.

Use the following command to update Rust with rustup :

Select the appropriate tab to view the requirements for your system.

The prerequisites needed for the Linux operating system include:

The Linux instructions assume a distribution that uses the APT package manager. You might need to adjust the instructions to use other package managers.

Install the prerequisites listed in this section. Use the following command to update apt-get :

Reference the relevant sections that follow to install each prerequisite individually, or run the following to install them all at once:

Install cURL with the following command:

Verify that cURL installed correctly with the following command:

Run the following command to install Git, including the [Git CLI](#) :

For more information, see [Install Git on Linux](#) on the GitHub website.

Use the following command to install CMake.

To customize the installation, see [Installing CMake](#) on the CMake website.

Use the following command to install the GNU Compiler Collection, gcc :

Use the following command to install libssl-dev :

If the version of Linux you use doesn't support libssl-dev , find an equivalent package for it on the [ROS Index](#) .

(Optional) If you have OpenSSL you might also need to also install pkg-config :

Use the following command to install libclang-dev :

If the version of Linux you use doesn't support libclang-dev , find an equivalent package for it on the [ROS Index](#) .

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq-dev :

If the version of Linux you use doesn't support libpq-dev , find an equivalent package for it on the [ROS Index](#) .

Use the following command to install build-essential :

The prerequisites needed for the macOS operating system include:

macOS includes a version of cURL you can use to install Homebrew. Use Homebrew to install other tools, including a newer version of cURL.

Use the following command to install [Homebrew](#) :

If you used the commands in the [Install using Homebrew](#) section, you do not need to install anything else.

With Homebrew installed, you can install individual prerequisites from the following sections or install them all at once with this command:

Use the following command to update the default [cURL](#) on macOS:

Use the following command to install CMake:

To customize the installation, see [Installing CMake](#) on the CMake website.

You need libpq-dev only if you plan to use the --with-indexer and --with-graphql options with sui start . See [Local Network](#) for more information.

Use the following command to install libpq:

Use the following command to install Git:

After installing Git, download and install the [Git command line interface](#) .

Visit the official [PostgreSQL website](#) for instructions on downloading PostgreSQL.

The prerequisites needed for the Windows 11 operating system include:

Windows 11 ships with a Microsoft version of [cURL](#) already installed. If you want to use the curl project version instead, download and install it from <https://curl.se/windows/> .

Download and install the [Git command line interface](#) .

Download and install [CMake](#) from the CMake website.

Download [Protocol Buffers](#) (protoc-xx.x-win32.zip or protoc-xx.x-win64.zip) and add the \bin directory to your Windows PATH environment variable.

Sui requires the following additional tools on computers running Windows.

Known issue - The sui console command does not work in PowerShell.

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, Mysten.move , in the extension view, or by pressing Ctrl-P or Cmd-P and typing ext install mysten.move . Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#) , [Vim](#) , and [Zed](#) .

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Using Sui from command line

With Sui installed, you can interact with Sui networks using the Sui CLI. For more details, see the [Sui CLI](#) reference.

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, `Mysten.move`, in the extension view, or by pressing Ctrl-P or Cmd-P and typing `ext install mysten.move`. Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#), [Vim](#), and [Zed](#).

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Installing Sui developer tools

If you use VSCode, you can install the [Move extension](#) to get language server support for Move, as well as support for building, testing, and debugging Move code within the IDE. You can install the extension either by searching the fully-qualified extension name, `Mysten.move`, in the extension view, or by pressing Ctrl-P or Cmd-P and typing `ext install mysten.move`. Installing the Move extension also installs the appropriate move-analyzer binary for your operating system, as well as the [Move Trace Debugger](#) extension, and [Move Syntax](#) extension.

There are also community Move packages for [Emacs](#), [Vim](#), and [Zed](#).

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui:

Next steps

Now that you have Sui installed, it's time to start developing. Check out the following topics to start working with Sui: