

Pre-requisites

If you'd like to install Namada from source you will have to install some dependencies first:

1. [Rust\(opens in a new tab\)](#)
2. [Git\(opens in a new tab\)](#)
3. [Clang\(opens in a new tab\)](#)
4. [OpenSSL\(opens in a new tab\)](#)
5. [LLVM\(opens in a new tab\)](#)

Rust

At the end of the installation, make sure that Cargo's bin directory `HOME/.cargo/bin` is available on your PATH environment variable. You can either restart your shell or run `source HOME/.cargo/env` to continue.

If you already have Rust installed, make sure you're using the latest version by running:

```
rustup
```

```
update
```

Remaining dependencies

Then, install the remaining dependencies.

Ubuntu: running the following command should install everything needed:

```
sudo
```

```
apt-get
```

```
install
```

```
-y
```

```
make
```

```
git-core
```

```
libssl-dev
```

```
pkg-config
```

```
libclang-12-dev
```

```
build-essential
```

```
protobuf-compiler
```

libudev-dev Mac: installing the Xcode command line tools should provide you with almost everything you need:

```
xcode-select
```

--install protoc is also required. On Mac, you can install it with Homebrew :

```
brew
```

```
install
```

```
protobuf When running
```

```
protoc
```

--version It should output at least:

```
libprotoc
```

3.12.0 Please refer to [protoc-installation doc\(opens in a new tab\)](#) for other installation options.

[Source Troubleshooting](#)