

Installation Guide

The following document is a guide to install the following:

1. Google Chrome
2. MetaMask wallet (latest)
3. Node.js (Version: 12.16) and npm (Version: 6.13.4) Or later versions
4. Truffle (Version: 5.1.13) (or latest)

Note: The applications for the demos during this talk were tested with these versions of the software listed. You may download the latest versions.

Google Chrome browser:

Link to download: <https://www.google.com/chrome/>

Download Chrome from the above link and follow the setup to complete the installation process. Google Chrome should automatically start once the installation is complete.

Metamask plugin for Chrome (wallet):

Metamask is a Google Chrome extension, so to download Metamask, open Google Chrome, and head over to the following link: <https://metamask.io/>.

- 1) Click on '**Get Chrome Extension.**'
- 2) Click '**Add to Chrome**' to begin the installation process.
- 3) Once installed, you should be able to see an orange fox symbol at the top-right corner of your Google Chrome browser.

Node.js (Version: 12.16 or latest version)

Link to download: <https://nodejs.org/en/download/>

- 1) Select the appropriate operating system to begin the download process. For Windows users, select the 32-bit or 64-bit version under **Windows Installer (.msi)**. Most users have a 64-bit system.
- 2) Run the downloaded **.exe** file to begin the setup process.
- 3) Accept the terms in the License Agreement and click Next.
- 4) Keep all default values and complete the installation process.

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- 5) To check if the installation process is successful, open Command Prompt and try the following command:

```
node -v
```

The above command should display the version of the node installed in your system. It should show **v12.16.0** or the version you installed.

- 6) By default, the installation of the node automatically installs **npm** as well. To check if npm has been successfully installed, type in the following command on the Command Prompt:

```
npm -v
```

The above command should display the version of npm installed in your system. It should show **6.13.4** or the version you installed.

Truffle (Version: 5.1.13 or latest version):

Reference Link: <https://www.trufflesuite.com/docs/truffle/getting-started/installation>

Pre-requisite: To install Truffle, you need to have **npm** already installed.

Open the command prompt and execute the following command `npm install -g truffle`