



PoC-Marvin

Sons Of SWE - Progetto Marvin

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09/05/2018

Installation guide

First of all you have to install [Node.js](#) and [Npm](#) and check that they are working correctly typing in your terminal **node -v** and **npm -v**. After that, if you're using Windows digit **npm install --global --production windows-build-tools** to install Python and other utilities that are necessary to make the demo works.

Download or clone the repository hosted at <https://github.com/SOS-SonsOfSwe/Marvin-PoC>.

Install [MetaMask](#) as an extension for a supported browser.

Go inside the repository folder (in case you aren't already there) and use npm to install other required programs typing the following commands:

- **npm install ganache-cli**
- **npm install truffle**

Make executable the scripts *startBlockchain.ps1* and *loadProjectAFTERstartingBlockchain.ps1* (if you're using an UNIX-like operating system you can type *chmod +x <nameOfTheFile>*).

Execute the script *startBlockchain.ps1* or otherwise type **ganache-cli -a 10 -m "candy maple cake sugar pudding cream honey rich smooth crumble sweet treat" -p 9545** to get the same result.

After that open a new terminal in the same folder and execute the script *loadProjectAFTERstartingBlockchain.ps1*, otherwise to get the same result you can type the following commands:

- **truffle compile**
- **truffle migrate**
- **npm run start**

At this point you will notice that your browser is automatically started and that it visualizes the webpage of the demo running at the localhost address. Now you have to connect MetaMask: in your browser click on the MetaMask icon and accept the Privacy Notice and the Terms of use. Then click on **Main Network** and choose **Custom RPC**, type in the first form **http://localhost:9545** as in Figure 1 and click **Save**.

Now as in Figure 2 click on **Import Existing DEN** and (as in Figure 3) insert the seed phrase **candy maple cake sugar pudding cream honey rich smooth crumble sweet treat** and the password that you want to use for the account.



Now you're ready to try the demo!

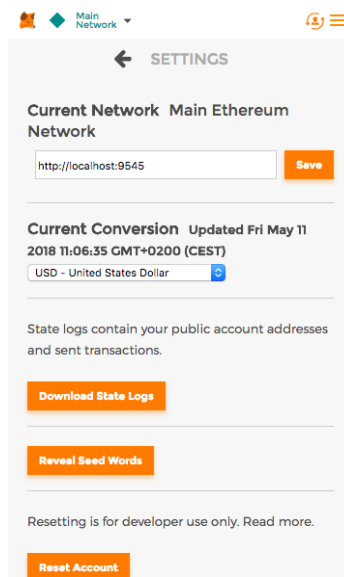


Figure 1: Set the RPC typing **http://localhost:9545**

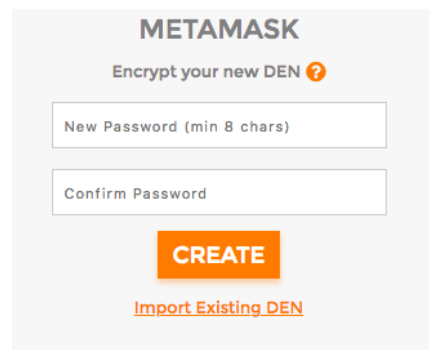


Figure 2: Click **Import Existing DEN**

A screenshot of a mobile application interface for restoring a vault. At the top, there's a status bar with a blue diamond icon and the text 'Main Network'. Below this is a grey header with the text 'RESTORE VAULT'. The main content area is white and contains a section titled 'Wallet Seed'. Inside this section, there's a text box with the seed phrase: 'candy maple cake sugar pudding cream honey rich smooth crumble sweet treat'. Below the text box are two input fields, each with a series of dots representing a password. At the bottom of the dialog are two orange buttons: 'CANCEL' and 'OK'.

Figure 3: Insert the seed phrase and the password that you want to use