# PoC-Marvin

**Sons Of SWE - Progetto Marvin**

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## 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.
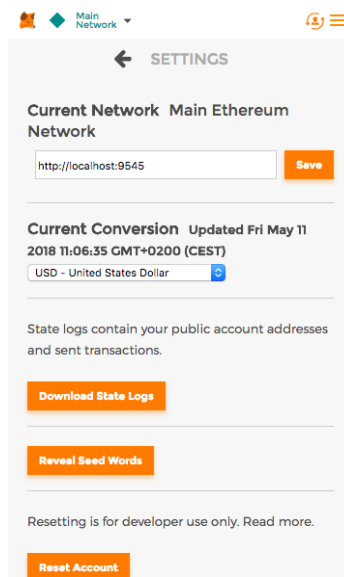
Now you're ready to try the demo!



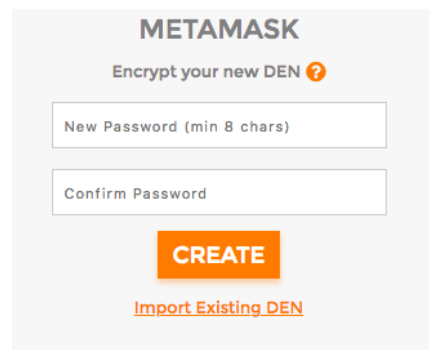Figure 1: Set the RPC typing **http://localhost:9545**



Figure 2: Click **Import Existing DEN**

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