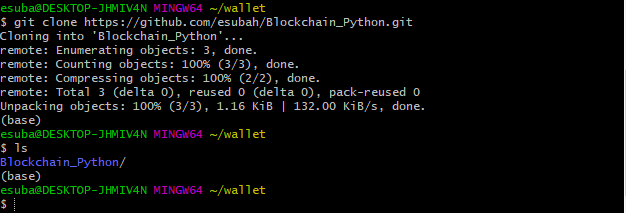
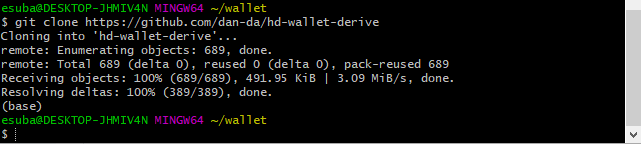
Project Directory – wallet



Hd-wallet-derive installation

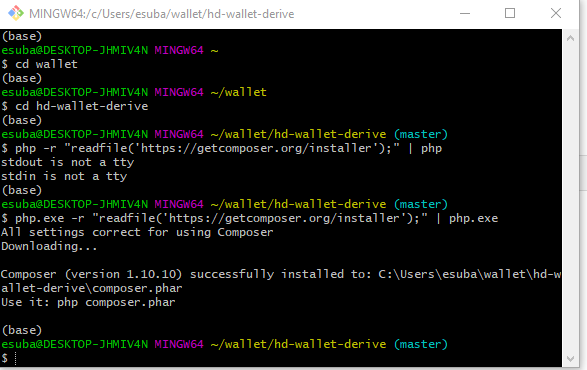
Cloning: git clone https://github.com/dan-da/hd-wallet-derive

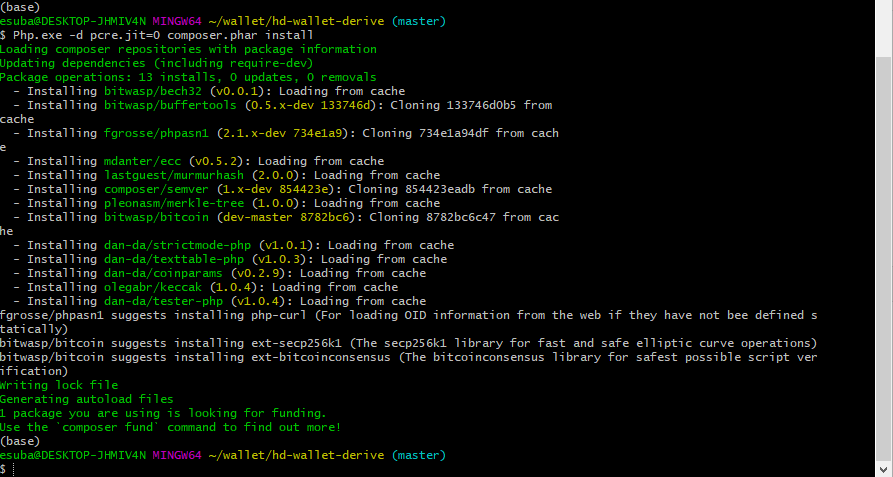


Php composer installation:

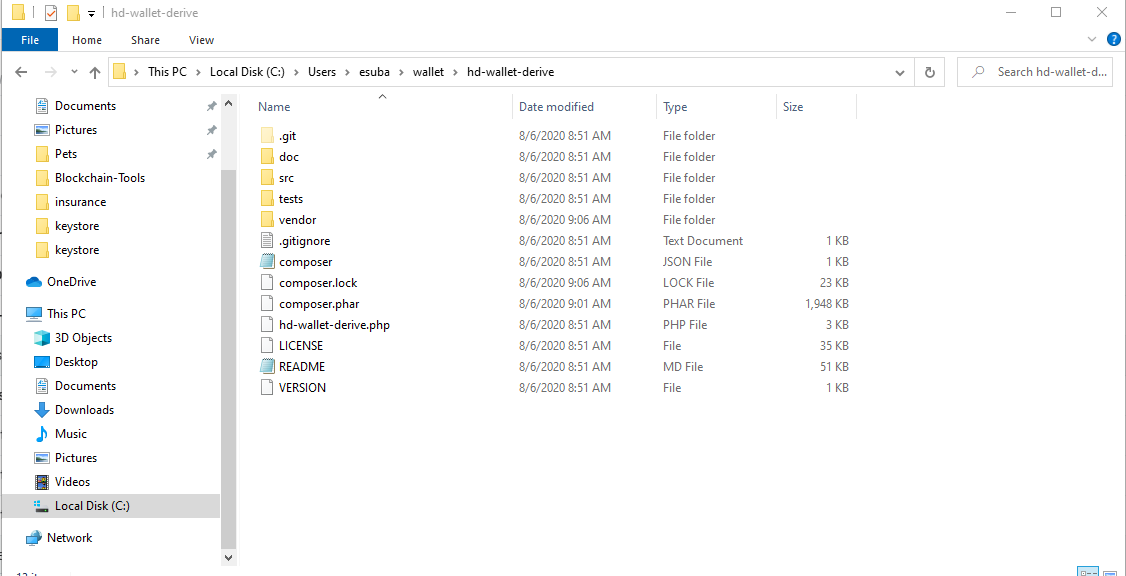
php.exe -r "readfile('[https://getcomposer.org/installer](https://slack-redir.net/link?url=https%3A%2F%2Fgetcomposer.org%2Finstaller)');" | php.exe

Php.exe -d pcre.jit**=**0 composer.phar install



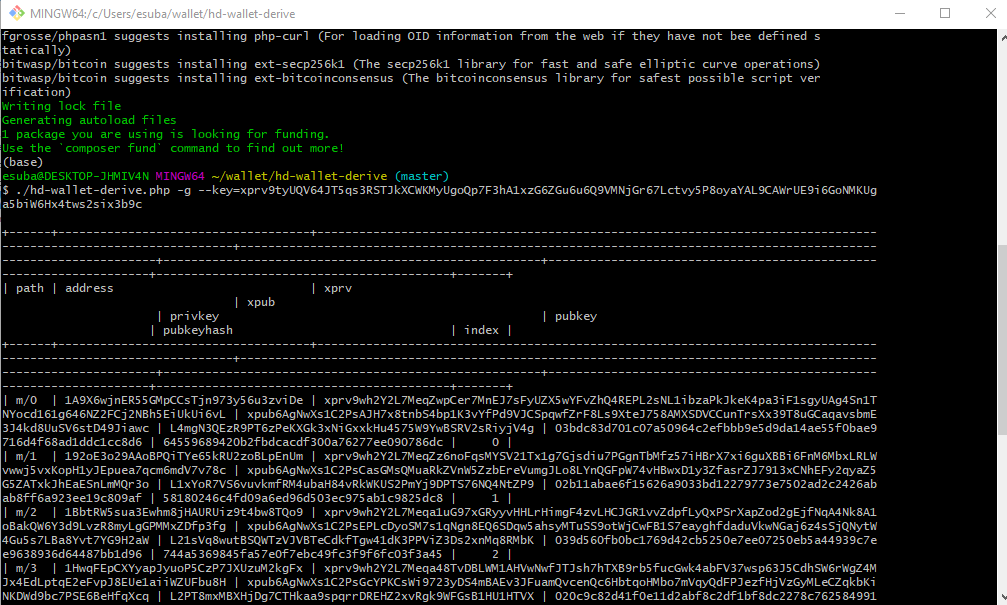


hd-wallet-derive folder containing the PHP library

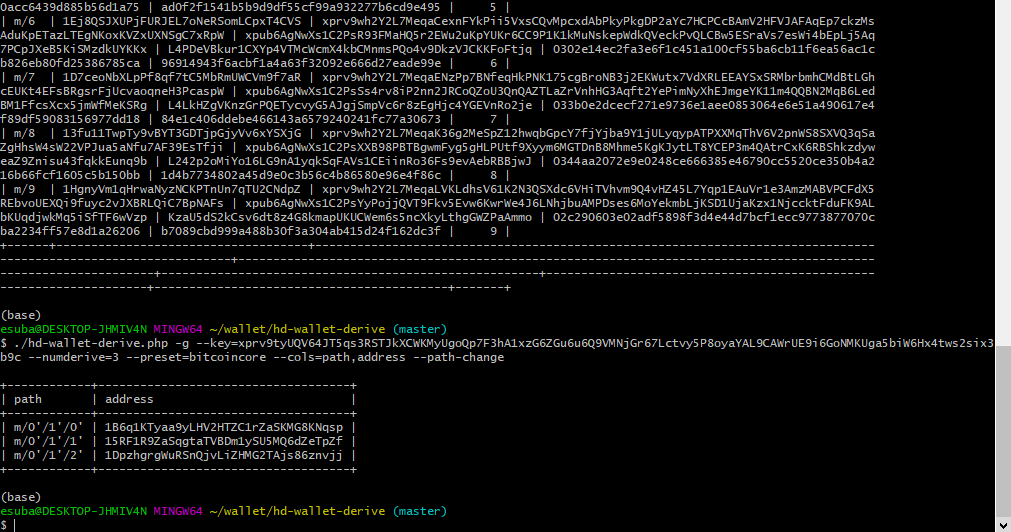


Execute the hd-wallet-derive library to derive BIP32 addresses and private keys for Bitcoin and other alternative coins

./hd-wallet-derive.php -g --key**=**xprv9tyUQV64JT5qs3RSTJkXCWKMyUgoQp7F3hA1xzG6ZGu6u6Q9VMNjGr67Lctvy5P8oyaYAL9CAWrUE9i6GoNMKUga5biW6Hx4tws2six3b9c

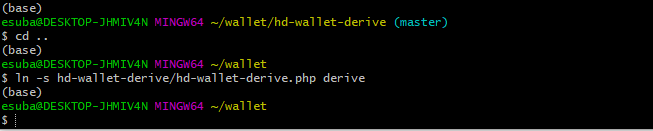


./hd-wallet-derive.php -g --key**=**xprv9tyUQV64JT5qs3RSTJkXCWKMyUgoQp7F3hA1xzG6ZGu6u6Q9VMNjGr67Lctvy5P8oyaYAL9CAWrUE9i6GoNMKUga5biW6Hx4tws2six3b9c --numderive**=**3 --preset**=**bitcoincore --cols**=**path,address --path-change



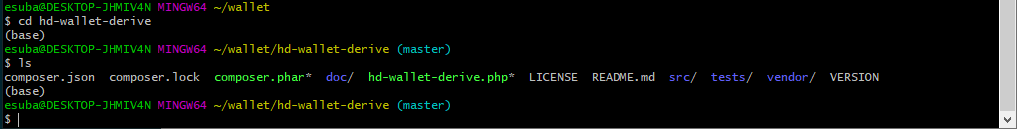
Create a symlink called derive for the hd-wallet-derive/hd-wallet-derive.php script into the top level project directory:

ln -s hd-wallet-derive/hd-wallet-derive.php derive



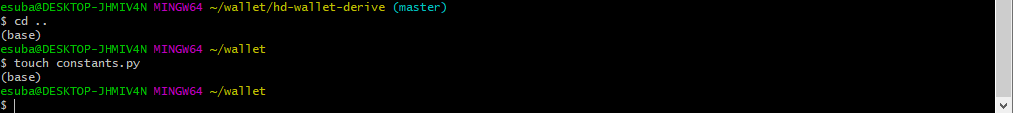
File structure



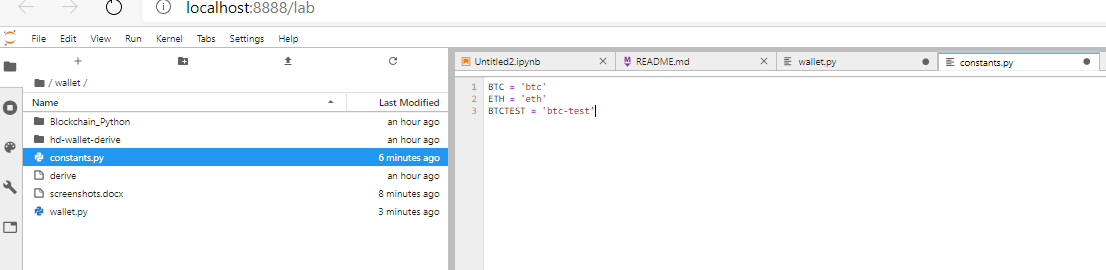


Constants:

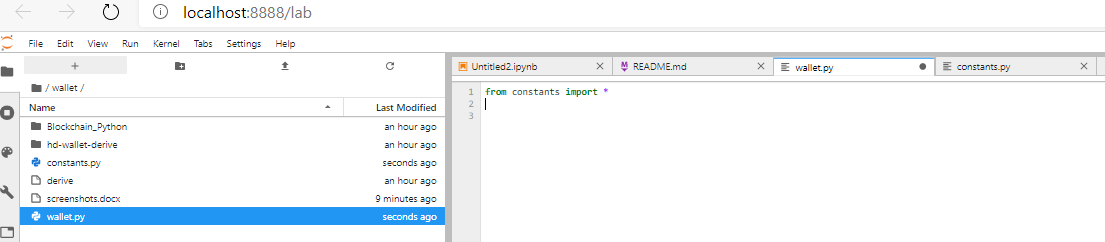
$ touch constants.py



* BTC = 'btc'
* ETH = 'eth'
* BTCTEST = 'btc-test'



In wallet.py, import all constants: from constants import \*



Generate Mnemonic using BIP39 Tool: <https://iancoleman.io/bip39/>