



Wethio
Blockchain in Africa

Documentation for linux



Currently the Zynecoin development is still in progress...

Documentation for set-up rpc-client of Zyn-coin on unix based OS

Step 1 : Install Golang

Download [go1.12.12 binary](https://golang.org/dl) for your respective Architecture from golang.org/dl

Step 2 To extract the Downloaded file

```
$ sudo tar -xvf filename
```

Step 3 To move the extracted folder to path

```
$ sudo mv go /usr/local
```

Step 4 Setup Go Environment

```
$ vim ~/.profile
```

To enter edit mode

Press ESC + i

Go the end of the file and add these 2 lines

```
export GOROOT=/usr/local/go  
export PATH=$GOPATH/bin:$GOROOT/bin:$PATH
```

To write to this file and exit

press ESC

then type :

wq! and hit enter

Now source the environment file by

```
$ source ~/.profile
```

Verify go installed properly by

```
$ go version
```



Step 5 Setup the command line tools

Clone the repository \$ git clone :

github.com/zynecoin/wethio-backend.git

to build the code

```
$ make all
```

(If make all command is not running, install build-essentials)

To add path

```
$ export PATH=$PATH:/opt/Wethio-backend/build/bin
```

you need to first open zyn terminal by this command

```
zyn attach http://149.28.202.255:3545
```

1 - To create wallet here (test) is the password of account

```
----- web3.currentProvider.newAccount("test")
```

2 - To show balance (here we are passing address of the wallet)

```
----- web3.eth.getBalance("0x30e4f81e7da48122fe180aeb2a82f8e1654a9fb0")
```

3 - To unlock account enter above command (here we are passing address of the wallet) `personal.unlockAccount("0x30e4f81e7da48122fe180aeb2a82f8e1654a9fb0")` and enter password of the account

4 - To send zyn to another address (from is sender account and to is receiver account value is 1 zyn=1000000000000000000)

4-1 - First Check balance:

```
web3.eth.getBalance("0xb4756416edf36a62a4b94630522bdb0153f3676a")  
(here we are passing address of the wallet)
```

4-2 - Unlock account:

```
personal.unlockAccount("0x30e4f81e7da48122fe180aeb2a82f8e1654a9fb0")  
(here we are passing address of the wallet)
```

4-3 The account you create locally is not yet recognized by the distant server to do that you should to send some zyn to the address you create from a recognized, we have configured this address `"0xaa4a0902126f25fdabae888f1d7759d98100d65f"` to do that , please send the minimum amount :



