

# How to connect to UnicalCoin

All the commands are executed from the linux shell.

## Step 1 (install the software):

```
sudo apt-get install software-properties-common  
sudo add-apt-repository -y ppa:ethereum/ethereum  
sudo apt-get update  
sudo apt-get install ethereum
```

## Step 2 (prepare enviroment):

```
mkdir /home/<YOUR-USERNAME>/Unicalcoin
```

## Step 3 (download genesis file):

Download and copy inside /home/<YOUR-USERNAME>/Unicalcoin the file "genesis.json" from the github repository: <https://github.com/marcuzzu/UnicalCoin>

## Step 4 (initialize the blockchain):

```
geth --datadir "/home/<YOUR-USERNAME>/Unicalcoin" init "/home/<YOUR-USERNAME>/Unicalcoin/genesis.json"
```

## Step 5 (create a new account):

```
geth --datadir "/home/<YOUR-USERNAME>/Unicalcoin" account new
```

## Step 6 (start synchronization):

```
geth --datadir "/home/<YOUR-USERNAME>/Unicalcoin" --bootnodes  
"enode://b6c2e4e0140b4f8880ed54532d79d2dbbefe1efc3e02f913425eb5b85f1bdc4fbb08  
135185c5244007c73a85fd288117c6b4e892c2f117668ff2a38948888b96@173.249.54.120:  
30302" --networkid 9654321
```

## Step 7 (start mining):

```
geth --datadir "/home/<YOUR-USERNAME>/Unicalcoin" --bootnodes  
"enode://b6c2e4e0140b4f8880ed54532d79d2dbbefe1efc3e02f913425eb5b85f1bdc4fbb08  
135185c5244007c73a85fd288117c6b4e892c2f117668ff2a38948888b96@173.249.54.120:  
30302" --networkid 9654321 --mine --minerthreads=1
```