

Go-Ethereum Dev Mode

You know about JavaScript VM and Ganache blockchain simulators which help you develop and test Dapp before deploying it to main net. You use them because running a full Geth node consumes too much resource. Well guess what the Geth has solution for that, the dev mode.

The dev mode runs an ephemeral proof-of-authority network with a pre-funded developer account and mining enabled. Run the following command for dev mode.

```
> geth --rpc --rpcport "8545" --rpccorsdomain "*" --rpcapi  
"db,eth,net,web3,personal" --ipcpath "~/.ethereum/geth.ipc" --dev
```

Import and Export a Blockchain

Go to the configured chain directory and call this command to export your blockchain to the given filename.

```
geth --datadir data export filename
```

Go to a new directory initiate the genesis file(same as the exported network), copy the UTC file to keystore (so that you can get the old account also) and exported file, then run the following command to import the chain.

```
geth --datadir data import filename
```

