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## How to connect to our (private) Ethereum Testnet.

(This example is based on Windows)

1) install geth (Ethereum Tools)

see <https://www.ethereum.org/cli>

or <https://geth.ethereum.org/downloads/>

2) create a data directory

3) create a textfile genesis.json with the following content

```
--- SNIP ---
{
  "config": {"chainId": 3242,
    "homesteadBlock": 0,
    "eip155Block": 0,
    "eip158Block": 0
  },
  "difficulty": "1000000",
  "gasLimit": "2100000",
  "timestamp": "20",
  "extraData": "0x32323836323636",
  "alloc": {
    "7df9a875a174b3bc565e6424a0050ebc1b2d1d82": { "balance": "300000" }
  }
}
--- SNIP ---
```

4) Initialize the private blockchain:

```
geth.exe --datadir "c:\YOUR-DATA-DIR\ init "genesis.json"
```

5) Start your node

```
geth.exe --identity "NAME OF YOUR NODE" --rpc --rpcport "8000" --
rpccorsdomain "127.0.0.1" --datadir "c:\YOUR-DATA-DIR" --port
"30333" --rpcapi "db,eth,net,web3,admin,personal" --networkid
2286266 --nat "any" --bootnodes
"enode://080472f5986fbebff626718f73e59d48ab8e333de5c16461e7192265f19
303b934f33a9494e7c37acd41b0e96e5d4fe169f5f08b6172a25c28508d33e508a48
6@92.43.97.9:30333" console
```

Remark: If you run Wallet or Mist locally (see below), you can omit all --rpc\* parameters

6) Wait some seconds, then check other nodes entering `admin.peers` in the console

7) Create first account: `personal.newAccount ("PASSPHRASE")`

8) You can check your account/s with `eth.accounts`

9) You can start mining with `miner.start(1)` and stop it with `miner.stop()`

(Wait some time for the DAGs to be created, when you start it for the first time!!)

10) If you now install and start "Ethereum Wallet" od "Mist", it will use the running geth-instance

See <https://github.com/ethereum/mist/releases>

Remarks?