

# 主链 RPC 命令行挖矿教程

## 前提：

1. 按照官方教程安装

<https://blog.bitcoingod.org/index.php/2018/05/03/bitcoingod-installation/>

2. 由于采用 POS 挖矿，所以需要有 GOD 币才能挖矿；

## 开始挖矿：

1. 打开命令行窗口

执行命令 bitcoingodd -daemon -debug=0 启动 GOD 进程

```
root@iZm5e7d9xvvpTxkatg03p9Z:~# bitcoingodd -daemon -debug=0
```

执行 bitcoingod-cli getinfo 查看信息

```
root@iZm5e7d9xvvpTxkatg03p9Z:~# bitcoingod-cli getinfo
{
  "deprecation-warning": "WARNING: getinfo is deprecated and will be fully removed in 0.16. Projects should transition to using getblockchaininfo, getnetworkinfo, and getwalletinfo before upgrading to 0.16",
  "version": 150100,
  "protocolversion": 70015,
  "walletversion": 139900,
  "balance": 0.54030240,
  "blocks": 515870,
  "timeoffset": 0,
  "connections": 38,
  "proxy": "",
  "difficulty": 4.151935924861585,
  "testnet": false,
  "keypoololdest": 1522823183,
  "keypoolsize": 1999,
  "paytxfee": 0.00000000,
  "relayfee": 0.00001000,
  "errors": ""
}
```

2. 启动挖矿

- 1) 手工挖矿，直接执行命令

bitcoingod-cli generatepos

```
root@iZm5e7d9xvvpTxkatg03p9Z:~# bitcoingod-cli generatepos
{
}
```

- 2) 自动挖矿

Win：

下载脚本

[https://github.com/BitcoinGod/BitcoinGod/blob/master/script/auto\\_mine.bat](https://github.com/BitcoinGod/BitcoinGod/blob/master/script/auto_mine.bat)

执行截图如下：

```
D:\GBTC\god_win>auto_mine.bat
```

Mac/Unix :

下载脚本

[https://github.com/BitcoinGod/BitcoinGod/blob/master/script/auto\\_mine.sh](https://github.com/BitcoinGod/BitcoinGod/blob/master/script/auto_mine.sh)

执行截图如下：

```
root@iZj6chpp9gmzo5zy0kxcdgZ:/linkchain# ./auto_mine.sh
Strat PosMining
{ "blockhash": "5e875c950b9653e6acee84609f62e89dbd225a582cddc005d4ac092e4b8ab1d9" }
```