


```
8      id: "f95d151b9d9fe5bad619d0ae5b74f1ec96be62f5ead26e7bf22810e7b3d05454", g      ip: "120.84.11.13",
10      listenAddr: "[::]:30303",
11      //listenAddr: 监听的地址
12      name: "Geth/v1.9.8-stable-d62e9b28/linux-amd64/go1.13.4",
13      ports: {
14          discovery: 37556,
15          listener: 30303
16      },
17      protocols: {
18          eth: {
19              config: {...},
20              difficulty: 2000,
21              genesis: "0x8d464df7c77e9e659073ca4a6dbb7bce4814e754e0b43370806f519c036f7d43",
22              head: "0x8d464df7c77e9e659073ca4a6dbb7bce4814e754e0b43370806f519c036f7d43",
23              network: 15
24          }
25      },
26      peers: [],
27      addPeer: function(),
28      addTrustedPeer: function(),
29      clearHistory: function(),
30      exportChain: function(),
31      getDataDir: function(callback),
32      getNodeInfo: function(callback),
33      getPeers: function(callback),
34      importChain: function(),
35      removePeer: function(),
36      removeTrustedPeer: function(),
37      sleep: function github.com/ethereum/go-ethereum/console.(*bridge).Sleep-fm(),
38      sleepBlocks: function github.com/ethereum/go-ethereum/console.(*bridge).SleepBlocks-fm(),
39      startRPC: function(),
40      startWS: function(),
41      stopRPC: function(),
42      stopWS: function()
43  }
44 }
```

• personal属性: 控制用户账户

```
1  {
2      listAccounts: [],
3      listWallets: [],
4      deriveAccount: function(),
5      ecRecover: function(),
6      getListAccounts: function(callback),
7      getListWallets: function(callback),
8      importRawKey: function(),
9      initializeWallet: function(),
10     lockAccount: function(),
11     newAccount: function github.com/ethereum/go-ethereum/console.(*bridge).NewAccount-fm(),
12     //newAccount: 用于创建账户
13     openWallet: function github.com/ethereum/go-ethereum/console.(*bridge).OpenWallet-fm(),
14     sendTransaction: function(),
15     sign: function github.com/ethereum/go-ethereum/console.(*bridge).Sign-fm(),
16     signTransaction: function(),
17     unlockAccount: function github.com/ethereum/go-ethereum/console.(*bridge).UnlockAccount-fm(),
18     unpair: function()
19 }
```

• eth

```
1  WARN [07-12|13:30:50.950] Served eth_coinbase      reqid=69 t=25.278µs err="etherbase must
2  {
3      accounts: [],
4      blockNumber: 0,
5  WARN [07-12|13:30:50.953] Served eth_coinbase      reqid=80 t=7.173µs err="etherbase must
6      coinbase: undefined,
7      compile: {
```



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```

8      lll: function(), 9      serpent: function(),
10      solidity: function()
11  },
12  defaultAccount: undefined,
13  defaultBlock: "latest",
14  gasPrice: 1000000000, //我们设定的gasLimited
15  hashrate: 0,
16  mining: false,
17  pendingTransactions: [],
18  protocolVersion: "0x40",
19  syncing: false,
20  call: function(),
21  chainId: function(),
22  contract: function(abi),
23  estimateGas: function(),
24  fillTransaction: function(),
25  filter: function(options, callback, filterCreationErrorCallback),
26  getAccounts: function(callback),
27  getBalance: function(),
28  getBlock: function(),
29  getBlockByHash: function(),
30  getBlockByNumber: function(),
31  getBlockNumber: function(callback),
32  getBlockTransactionCount: function(),
33  getBlockUncleCount: function(),
34  getCode: function(),
35  getCoinbase: function(callback),
36  getCompilers: function(),
37  getGasPrice: function(callback),
38  getHashrate: function(callback),
39  getHeaderByHash: function(),
40  getHeaderByNumber: function(),
41  getMining: function(callback),
42  getPendingTransactions: function(callback),
43  getProof: function(),
44  getProtocolVersion: function(callback),
45  getRawTransaction: function(),
46  getRawTransactionFromBlock: function(),
47  getStorageAt: function(),
48  getSyncing: function(callback),
49  getTransaction: function(),
50  getTransactionCount: function(),
51  getTransactionFromBlock: function(),
52  getTransactionReceipt: function(),
53  getUncle: function(),
54  getWork: function(),
55  iban: function(iban),
56  icapNamereg: function(),
57  isSyncing: function(callback),
58  namereg: function(),
59  resend: function(),
60  sendIBANTransaction: function(),
61  sendRawTransaction: function(),
62  sendTransaction: function(),
63  sign: function(),
64  signTransaction: function(),
65  submitTransaction: function(),
66  submitWork: function()
67  }

```

- providers: 简单理解为服务提供商
- txpool: 交易池(目前什么都没)

```

1  {
2    content: {
3      pending: {},
4      queued: {}
5    },
6    inspect: {

```



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