

简介

发现服务具有自己的命令行接口工具，该接口工具使用YAML配置文件来保存例如，证书、私钥路径，以及MSPID等属性

编译安装

```
$ cd $GOPATH/src/github.com/hyperledger/fabric
$ make discover
$ cp build/bin/discover /usr/bin
```

参数说明

Command line client **for** fabric discovery service

Flags:

`--help` Show context-sensitive help (also **try** `--help-long` **and** `--help-man`).

`--configFile=CONFIGFILE` Specifies the config file **to** load the configuration from

`--peerTLSCA=PEERTLSCA` Sets the TLS CA certificate file path that verifies the TLS peer's certificate

`--tlsCert=TLSCERT` (Optional) Sets the client TLS certificate file path that is used **when** the peer enforces client authentication

`--tlsKey=TLSKEY` (Optional) Sets the client TLS key file path that is used **when** the peer enforces client authentication

`--userKey=USERKEY` Sets the user's key file path that is used **to** sign messages sent **to** the peer

`--userCert=USERCERT` Sets the user's certificate file path that is used **to** authenticate the messages sent **to** the peer

`--MSP=MSP` Sets the MSP ID **of** the user, which represents the CA(s) that issued its user certificate

Commands:

`help [<command>...]`
Show help.

`peers [<flags>]`
Discover peers

`config [<flags>]`
Discover channel config

`endorsers [<flags>]`
Discover chaincode endorsers

`saveConfig`
Save the config passed by flags into the file specified by `--configFile`

查询peer

```
cd ~/go/src/github.com/hyperledger/fabric-samples/first-network

discover --configFile conf.yaml --peerTLSCA crypto-
config/peerOrganizations/org1.example.com/tlsca/tlsca.org1.example.
com-cert.pem --userKey crypto-
config/peerOrganizations/org1.example.com/users/User1\@org1.example
.com/msp/keystore/a96d69f4066b606f955d61bd97a297b1fcab4c738770d9efa
24a66baefa1ed4e_sk --userCert crypto-
config/peerOrganizations/org1.example.com/users/User1\@org1.example
.com/msp/signcerts/User1\@org1.example.com-cert.pem --MSP Org1MSP
saveConfig
```

查看peer证书

```
discover --configFile conf.yaml peers --channel mychannel --server
peer0.org1.example.com:7051 | jq .[0].Identity | sed "s/\\n/\\n/g"
| sed "s/\"//g" | openssl x509 -text -noout
```

配置查询

```
discover --configFile conf.yaml config --channel mychannel --
server peer0.org1.example.com:7051
```

背书查询

```
discover --configFile conf.yaml endorsers --channel mychannel --
server peer0.org1.example.com:7051 --chaincode mycc
```