

Firefly Setup (Mac/Linux)

These were my steps and how I got the CLI to run.

These are my steps for Mac and for Linux VM using virtual box.

Should also work for windows, but I have not tried it on windows.

1. Open terminal
2. Run 'go version' to check whether you have installed go
3. If not please install the latest version which is 1.17 now
4. Run 'go version' again after install to double check installation success
5. Install Docker: <https://docs.docker.com/get-docker/>
6. To install CLI as per Firefly docs run:

```
go install github.com/hyperledger-labs/firefly-cli/ff@latest
```

7. To double check install run

```
ls ~/go/pkg/mod/github.com/hyperledger-labs/
```

8. It should return `firefly-cli@v0.0.29`
9. For mac the default path for go install was my desktop. It may be in another location depending on your system. Either way from cd into the go directory.

```
cd go
```

10. From within this directly you should see bin and pkg directories. 'ff' should be present within the bin.

```
cd bin
```

11. This next part is key. You must run the following to declare the path to Go and the bin within it. On both Linux/Mac it did not pickup the binary command 'ff' for me otherwise. These are to be copy and pasted directly into terminal:

```
export GOPATH="$HOME/go"  
PATH="$GOPATH/bin:$PATH"
```

12. Now from desktop/go/bin directory run the following for firefly cli to launch:

```
ff -h
```

13. Now we can begin running firefly commands.

Resources:

<https://www.youtube.com/watch?v=Ft1A9B9GPhU>

<https://wiki.hyperledger.org/display/labs/FireFly>

<https://github.com/hyperledger-labs/firefly-cli>

https://labs.hyperledger.org/firefly/gettingstarted/setup_env.html