

Linux Users:

Git

Install the latest version of **git** if it is not already installed.

```
$ sudo apt-get install git
```

cURL

Install the latest version of **cURL** if it is not already installed.

```
$ sudo apt-get install curl
```

Docker

Install the latest version of **Docker** if it is not already installed.

```
sudo apt-get -y install docker-compose
```

Once installed, confirm that the latest versions of both Docker and Docker Compose executables were installed.

```
$ docker --version
Docker version 19.03.12, build 48a66213fe
$ docker-compose --version
docker-compose version 1.27.2, build 18f557f9
```

Make sure the Docker daemon is running.

```
sudo systemctl start docker
```

If you want the Docker daemon to start when the system starts, use the following:

```
sudo systemctl enable docker
```

Add your user to the Docker group.

```
sudo usermod -a -G docker <username>
```

Go

Install the latest version of **Go** if it is not already installed.

LINK: <https://go.dev/doc/install>

Download Fabric samples, docker images, and binaries.

Download `fabric-samples` to the `$HOME/go/src/github.com/<your_github_userid>` directory.

This is a Golang Community recommendation for Go projects. If you are using a different directory or Windows, make appropriate changes.

```
$ mkdir -p $HOME/go/src/github.com/<your_github_userid>
```

```
$ cd $HOME/go/src/github.com/<your_github_userid>
```

```
$ curl -sSL https://bit.ly/2ysb0FE | bash -s
```

```
Activities Terminal Jan 13 8:40 PM
raghav@ubuntu: ~/go/src/github.com/msraghavganesh

docker.io/hyperledger/fabric-tools:2.4.1
====> hyperledger/fabric-baseos:2.4.1
2.4.1: Pulling from hyperledger/fabric-baseos
97518928ae5f: Already exists
a4e330cdd5f6: Already exists
b1c68c7f61cd: Pull complete
Digest: sha256:06387f32c665e71e271bf64a054ccaea79ab9b38ab07f93d35930a3b5780b10c
Status: Downloaded newer image for hyperledger/fabric-baseos:2.4.1
docker.io/hyperledger/fabric-baseos:2.4.1
====> Pulling fabric ca Image
====> hyperledger/fabric-ca:1.5.2
1.5.2: Pulling from hyperledger/fabric-ca
a0d0a0d46f8b: Already exists
ac8258c0aeb1: Pull complete
6c802cf1fa97: Pull complete
Digest: sha256:faa3b743d9ed391c30f518a7cc1168160bf335f3bf60ba6aaaf1aa49c1ed023e
Status: Downloaded newer image for hyperledger/fabric-ca:1.5.2
docker.io/hyperledger/fabric-ca:1.5.2
====> List out hyperledger docker images
hyperledger/fabric-tools 2.4 286b1b8f098f 3 weeks ago 458MB
hyperledger/fabric-tools 2.4.1 286b1b8f098f 3 weeks ago 458MB
hyperledger/fabric-tools latest 286b1b8f098f 3 weeks ago 458MB
hyperledger/fabric-peer 2.4 b3e5bf2a6224 3 weeks ago 63.3MB
hyperledger/fabric-peer 2.4.1 b3e5bf2a6224 3 weeks ago 63.3MB
hyperledger/fabric-peer latest b3e5bf2a6224 3 weeks ago 63.3MB
hyperledger/fabric-orderer 2.4 37df790c7d16 3 weeks ago 37.2MB
hyperledger/fabric-orderer 2.4.1 37df790c7d16 3 weeks ago 37.2MB
hyperledger/fabric-orderer latest 37df790c7d16 3 weeks ago 37.2MB
hyperledger/fabric-ccenv 2.4 d873cda39577 3 weeks ago 504MB
hyperledger/fabric-ccenv 2.4.1 d873cda39577 3 weeks ago 504MB
hyperledger/fabric-ccenv latest d873cda39577 3 weeks ago 504MB
hyperledger/fabric-baseos 2.4 8353db1a5b3d 3 weeks ago 6.94MB
hyperledger/fabric-baseos 2.4.1 8353db1a5b3d 3 weeks ago 6.94MB
hyperledger/fabric-baseos latest 8353db1a5b3d 3 weeks ago 6.94MB
hyperledger/fabric-ca 1.5 4ea287b75c63 4 months ago 69.8MB
hyperledger/fabric-ca 1.5.2 4ea287b75c63 4 months ago 69.8MB
hyperledger/fabric-ca latest 4ea287b75c63 4 months ago 69.8MB
raghav@ubuntu:~/go/src/github.com/msraghavganesh$
```

Cross Check if all these images are pulled.