

Create DCU VMWare Virtual Machine

1 Install GIT

```
$ sudo apt-get update
$ sudo apt-get install git
verify install $ git --version
```

2 Install SSH agent with keys for Github access

```
$ sudo apt install openssh-server
Verify install $ sudo systemctl status ssh
Configure firewall to allow ssh $sudo ufw allow ssh
```

3 Install Github keys

```
Copy keys to ~/.ssh
Set up permissions:
$ chmod 700 ~/.ssh          (directory)
$ chmod 644 ~/.ssh/ed25519.pub (public key 644)
$ chmod 600 ~/.ssh/ed25519   (private key 600)
```

```
Add key to ssh agent
$ eval "$(ssh-agent -s)"
$ ssh-add ~/.ssh/ed25519
```

4 Clone Github repository

```
$ git clone git@github.com:WancoInc/dcu-MessageBoard.git
```

5 Install development tools

```
sudo ~/dcu-MessageBoard/install_tools.sh
```

6all Setup build environment scripts

```
$ ../dcu/scripts/setup.sh
Close terminal and reopen (need bashrc to run)
```

