

# Preparation for the Hands on Labs

## Installing Docker

### Need to brush up on Docker?

[http://bit.ly/SDA\\_DFD](http://bit.ly/SDA_DFD)

- Alternatively you can glance over this free material <https://training.docker.com/>

### Free xubuntu based graphical virtual machine guide

<http://nickjanetakis.com/blog/create-an-awesome-linux-development-environment-in-windows-with-vmware>

### Install: Linux

# The instructions below are valid for Debian or Ubuntu based distributions

### Ensure you have a few system dependencies installed

```
sudo apt get update
sudo apt-get install libapparmor1 aufs-tools
```

### Download and install the latest Docker 1.10 release for xubuntu/Ubuntu 14.x

[http://apt.dockerproject.org/repo/pool/main/d/docker-engine/docker-engine\\_1.10.0-0~trusty\\_amd64.deb](http://apt.dockerproject.org/repo/pool/main/d/docker-engine/docker-engine_1.10.0-0~trusty_amd64.deb)

- Replace "trusty" with your distro if you're using a different version

### Download the latest Docker Compose 1.6 release

<https://github.com/docker/compose/releases>

### Install Docker Compose

```
sudo mv docker-compose-Linux-x86_64 /usr/local/bin/docker-compose
sudo chown $(whoami):$(whoami) /usr/local/bin/docker-compose
chmod +x /usr/local/bin/docker-compose
```

### Allow Docker to be ran without root

```
sudo usermod -aG docker $(whoami)
```

- Restart or completely logout out of your OS before continuing

### Verify you can run docker and docker-compose

```
docker --version
docker-compose --version
```

## **Install: OSX or Windows**

### **Download the Docker Toolbox**

<https://github.com/docker/toolbox>

- Follow the Mac or Windows guide after installing it

### **Verify you can run docker and docker-compose**

```
docker --version
```

```
docker-compose --version
```