Preparation for the Hands on Labs

Installing Docker

Need to brush up on Docker?
http://bit.ly/SDAWS_34

- 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 your distro
https://apt.dockerproject.org/repo/pool/main/d/dockerengine/

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
```