Installing materials for Basic Unix training

Mark Dunning 24/03/2015

This course will use the Docker platform to provide you with a 'virtual' Unix environment to run the practicals. You will first need to install the Boot2Docker application, which is able to run any docker-capatible environment, and then install the environment specific to this course.

1. Download and run Boot2Docker

Windows PC



- 1. Download the latest version of 'boot2docker' from >>>here<<<. Install onto your laptop, accepting the default options.
- 2. Click on the Boot2Docker Start icon



Mac OSX



- 1. Download the latest version of 'boot2docker' from >>>here<<<. Install onto your laptop, accepting the default options. This should put the Boot2Docker in your Applications folder
- 2. Launch the Boot2Docker from Applications

2. Install course environment

After running Boot2Docker, the following screen should appear (shown here for Windows, but Mac should be very similar).



Type the following after the ~\$ symbol and then press Enter

docker pull markdunning/unix-training

You should see that various files are being downloaded to your laptop

```
docker@boot2docker:~$ docker pull markdunning/unix-training
Pulling repository markdunning/unix-training
490eba44acf0: Pulling dependent layers
511136ea3c5a: Download complete
3b363fd9d7da: Download complete
607c5d1cca71: Download complete
                           Down load
Down load
  62feddc05dc:
                                            complete
8eaa4ff06b53:
                                            complete
 456a4553a00d:
                           Download
Download
                                            complete
de6cb2d0af59:
                                             complete
                           Down load
                                             complete
                            Down load
                                             complete
                            Down load
                                            complete
                           Download complete
Download complete
Pulling fs layer
  dff40b670e6:
  05db2083ecd:
8390b971eee9:
```

When the download has finished, type the following and press Enter

docker run -ti markdunning/unix-training

If successful, a line should appear beginning with nelle@. You are now ready for the course!

```
docker@boot2docker:~$ docker run -ti markdunning/unix-training
nelle@a4dd73f1fb0d:~$
```

You can now type exit to guit the environment