

EECS Virtual Box Computing Environment

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1) Virtual Box Computing

The first year EECS courses use a Unix variant - CentOS - as the basic operating system. CentOS is installed on the lab machines in William Small Building.

While we will allow you to use your own labtop for labs, the lab tests will be done using CentOS. As such, you may find it useful to practice on the same environment. You can do so by using by installing a Virtual Box on your machine and downloading a virtual machine image that is the same as the lab machines.

The following are instructions on how to download VBox and get the EECS lab image.

2) How to get it?

a) First you need to download and install the Oracle VirtualBox software. You can get it here: <https://www.virtualbox.org/wiki/Downloads>

NOTE: You should also install the Oracle Virtual Box extension pack, this is on the same page as above, just look at for Extension Pack (it is the first bullet after the VirtualBox). You do not need to install the SDK.

b) Next, download the EECS Virtual Appliance file containing the CentOS (the file extension of such virtual appliances is 'ova'):

<http://dl.eecs.yorku.ca/common/eecs-vbox-common-latest.ova>

NOTE: This file is password protected, use username: *common*; password: *common*
The file is approximately 5GB in size, it will take a few minutes to download.

3) How to install it?

Follow these simple step-by-step instructions on *youtube* to install the CentOS computing environment:

<https://www.youtube.com/watch?v=cd5qZqkUS3s>