Opstart

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V0.9

Introduction

In SW3ISU all assignments are to be completed in Linux. To facilitate Linux for you a VMware image has be created that you can work within (The same used in HAL). In this exercise you will trying out basic operations so as help getting to know how it works. One important point when using Linux is the use of the terminal.

This exercise may seem simple and weird, however you will be using Linux the entire semester... Getting a good start is very important!

Exercise 1 Absolute basics

Exercise 1.1 Prerequisites

Install VMware player and fetch the Linux VMware image that is used for this course.

VMware Player For Windows/Linux see link and for MAC see link.

VMware Image Use this url `https://redmine.ase.au.dk/devs/projects/raspberry-zero/files` and pick *GE.7z*

Do note that VMware image is compressed and as such needs to be decompressed using 7-zip!

Exercise 1.2 Booting Linux in VMware

After having installed VMware Player, start it and file open find the now decompressed VMware Image. Now boot Linux.

Login credentials are:

username *stud*

password *stud*

Thus login...

Exercise 1.3 Starting a terminal...

See figur...

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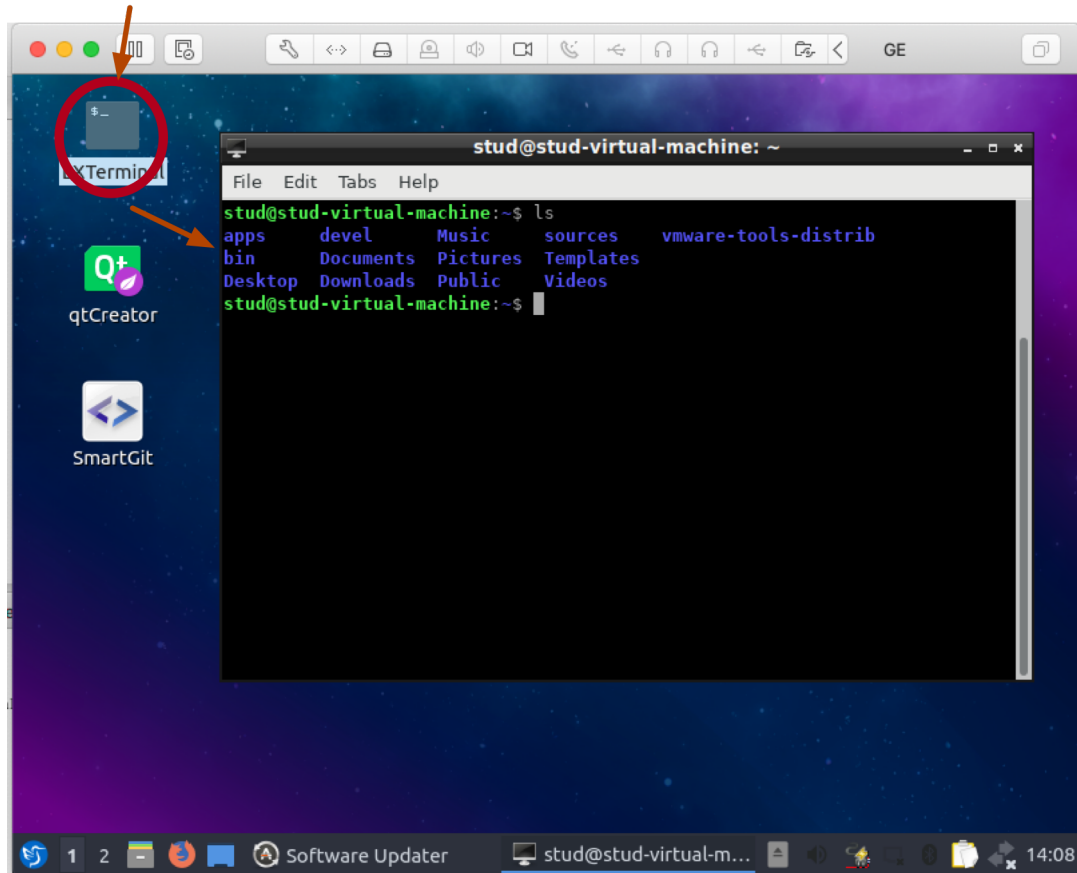Double click on LXTerminal to start a terminal

Figure 1.1: Starting a terminal

Exercise 1.4 Commands

Write down all commands being used in the videos [1] and [2]. This includes what they do.

Next is to repeat them yourselves.

Exercise 2 Reflection

Note each of them and discuss what they do with your neighbour.

Exercise 3 Creating a file...

Create a directory with the name of the this lecture. Within it create a file containing a small *Hello world* C++ program.

It could be main.cpp...

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Exercise Material

Exercise Online

[1] D. Rumbaugh. (Aug. 2012). "Linux terminal tutorial episode 1," [Online]. Available: `https://www.youtube.com/watch?v=2FiQSLdnBqA`.

[2] ——, (Aug. 2012). "Linux terminal tutorial episode 2," [Online]. Available: `https://www.youtube.com/watch?v=_JWj6u8mI7k`.