Virtual Machine Installation for CS4221

Introduction

This document contains the installation instruction to use Virtual Machine for the CS4221 projects. If you have any problem with the installation process, please send an email to Remmy (remmy@u.nus.edu).

Note: Running virtual machine might be slow for PC or laptop with low RAM. We suggest that you close programs with heavy memory (e.g. Google Chrome, Microsoft Office) on your PC or laptop before running the Virtual Machine.

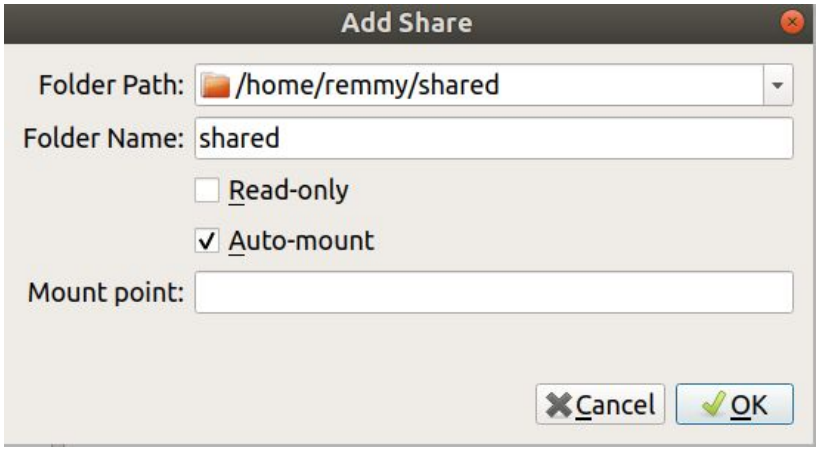
VirtualBox

To use the Virtual Machine, you need to install the VirtualBox software.

- Windows: https://download.virtualbox.org/virtualbox/6.0.0/VirtualBox-6.0.0-127566-Win.exe
- MacOS: https://download.virtualbox.org/virtualbox/6.0.0/VirtualBox-6.0.0-127566-OSX.dmg
- Linux: https://www.virtualbox.org/wiki/Linux_Downloads (choose your distribution accordingly)

Virtual Machine

1. Download the OVA file from the following link: https://mynbox.nus.edu.sg/u/7CvHcYErx3b-K8d_/cs4221-ubuntu.ova?l
   Note: It is a big file (~4 GB), try to download it with the NUS network.
2. Open your VirtualBox, press File -> Import Appliance, choose the OVA file, press Next and Import.
3. Start the `cs4221-ubuntu` VM.
4. To add a Shared Folder:
   a. Right click on the `cs4221-ubuntu` VM and click “Settings”.
   b. Go to the “Shared Folders” tab.
   c. Press the “Adds new shared folder.”
   d. Select the folder that you want to shared from your computer in the “Folder Path”.
   e. Give the folder name for the VM in the “Folder Name”.
   f. Do not tick the Read-only and tick the Auto-mount
   g. Empty the “Mount point:”
   h. Click OK.



Necessary softwares for the course have been installed in the VM (e.g. LAPP, pgAdmin).

Username and password

Ubuntu
Username: cs4221
Password: cs4221

pgAdmin Login
Username: cs4221@nus.edu.sg
Password: cs4221

pgAdmin database
Server name: localhost
Username: postgres
Password: postgres

Neo4j
Username: neo4j
Password: cs4221