

Virtual Box Installation Guide

Windows

1. Go to <https://www.virtualbox.org/wiki/Downloads> and download the latest Build for Windows under „Windows hosts“
2. Execute the downloaded installer named „VirtualBox-6.X.XX-XXXXXX-Win.exe“, where the Xs correspond to your version number
3. Click „next“ in the installer until the wizard begins to install the program. In case there are some errors, try to run the wizard again with administrator rights (right click on the .exe -> run as administrator)
4. The installer might ask you to install the device „Oracle Corporation USB-Controller“, please accept.
5. You're done!

Ubuntu (Linux)

1. Open a Terminal (Ctrl+Alt+T)
2. Update your repositories using „sudo apt-get update“
3. Download and install VirtualBox by running „sudo apt-get install virtualbox“
4. Next, install the VirtualBox Extension Pack using „sudo apt-get install virtualbox-ext-pack“
5. A License Agreement will pop up, please confirm using the arrow keys and hit enter
6. You're done, start VirtualBox by running „virtualbox“ in your Terminal

Note: You might run into an error message that will prevent you from launching virtual machines on your computer. If this happens you need to enable VM in your BIOS settings. If this happens, please follow this tutorial:

<https://www.youtube.com/watch?v=m7cHUNXB7j4>

Starting the Virtual Machine

1. Please download the Ubuntu 20.04 image with DIFMAP here: <https://www.sternwarte.uni-erlangen.de/VHB-Container/>
2. Open VirtualBox
3. Click on „Import“ or „Import Appliance“ and select the downloaded .ova file
4. Your virtual machine should start now
5. Please use the „student“ account to login, password: difmap
6. Have fun with Difmap!