CSC

ICT Solutions for Brilliant Minds
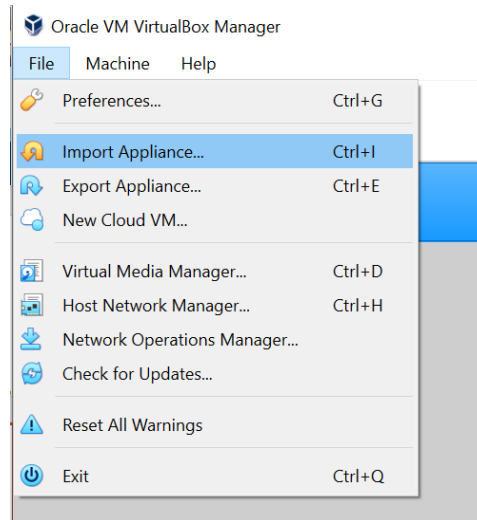
Working with VirtualBox virtual machines

1. Preliminary steps

- Make sure VirtualBox is installed
  - https://www.virtualbox.org/

- Download the course VM image
  - https://a3s.fi/Biocontainer/BioContainer.ova
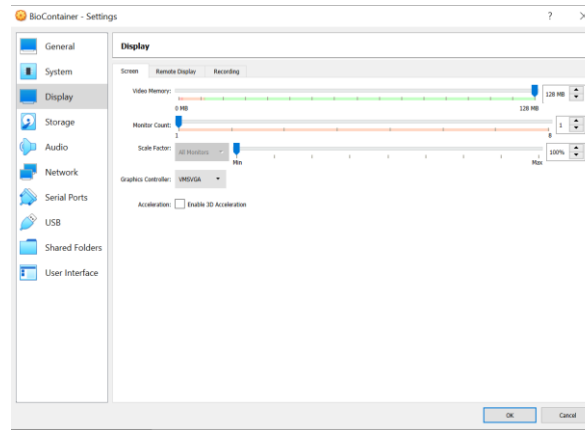
2. Importing the image

- Start VirtualBox and select File -> Import Appliance

- Select the .ova file you downloaded

- Click **Next**

- You can leave the default settings
  - You can change "Base Folder" if necessary. This is the folder where all the VM files will be saved
  - You will need about 10 GB free space
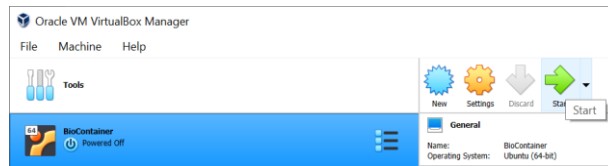
- Click **Import**

3. Optional (but recommended)

- Adjust video memory size by selecting Settings -> Display -> Video Memory
  - o This will allow you more freedom in setting VM desktop resolution and size to match you monitor
  - o It can be adjusted later, but the VM needs to be in "Powered Off" mode.
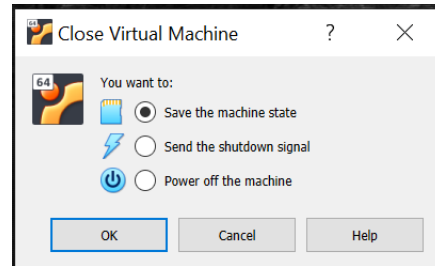
4. Working with the VM

- Run the VM by selecting the VM and clicking **Start**
  - You may get notifications about keyboard and mouse. These can be simply closed

- You can resize the WM desktop by dragging the window
  - Maximum size and resolution can be restricted by your video memory settings

- When you close the window, you are given options on what to do with the VM.

- For the course the best option is "Save the machine state". All open windows *etc.* will be preserved as-is.

- Select "Send the shutdown signal" if you need to adjust VM settings. Make sure you save any open files first.

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