

# NEST image setup

- Download and install Virtual Box from <https://www.virtualbox.org/wiki/Downloads>. For Linux users it is possible to install Virtual Box from the package repositories (e.g., "sudo apt-get install virtualbox" for Debian-based distributions, "sudo dnf install virtualbox" for Fedora and "sudo zypper install virtualbox" for SuSe)
- Download the NEST live medium from [http://www.nest-simulator.org/downloads/gplreleases/lubuntu-16.04\\_nest-2.10.0.ova](http://www.nest-simulator.org/downloads/gplreleases/lubuntu-16.04_nest-2.10.0.ova).
- Start Virtual Box and import the virtual machine image "[lubuntu-16.04\\_nest-2.10.0.ova](#)" ("File" ! "Import Appliance")
- For better performance you can increase the memory for the machine ("Settings"! "System"! "Base Memory")
- To allow fullscreen mode of the virtual machine you also need to increase the video memory above 16MB. ("Settings"! "Video"! "Video Memory")
- If you need to share folders between the virtual machine and your regular desktop environment, click on "Settings". Choose "Shared Folders" and add the folder you wish to share. Make sure to mark "automount".
- The user password is "nest".
- Start the virtual machine. You will find the shared folder under /media/.
- To install Guest Additions, select "Devices" ! "Insert Guest Additions CD image..." (top left of the VirtualBox Window). Then, open a terminal (Ctrl+Alt+t), go to "/media/nest/VBOXADDITIONS\_.../" and run "sudo bash VBoxLinuxAdditions.run".
- To set the correct language layout for your keyboard (e.g., from "US" to "DE"), you can use the program "lxkeymap", which you start by typing "lxkeymap" in the terminal.