

How to run URsim in a Windows operating system

Description:

URsim will only run in a Linux operating system.

For running the simulator in another operating system, a virtual machine is needed.

A virtual machine is basically just a program, where multiple operating systems can be installed, including Linux.

There are various options available, but these two are the most common players:

- VMWare Player (free for non-commercial use, small fee for commercial use)
- VirtualBox (freeware)

For easy convenience for non-Linux users, a virtual machine has been created for UR users.

This contains a simulator for UR5 and a simulator for UR10.

It is not possible to run both simulators simultaneously.

Important notice:

The virtual machine has been tested on different pc's with different players.

However Universal Robots do not guarantee and do not provide any support, should the below guide be insufficient for running the virtual machine.

Depending on the hardware configuration of the pc where it is to be installed, it might be necessary to modify the drivers in the virtual machine for obtaining full use of all hardware (soundcard, network adapter, etc) on the pc.

Requirements prior to installing:

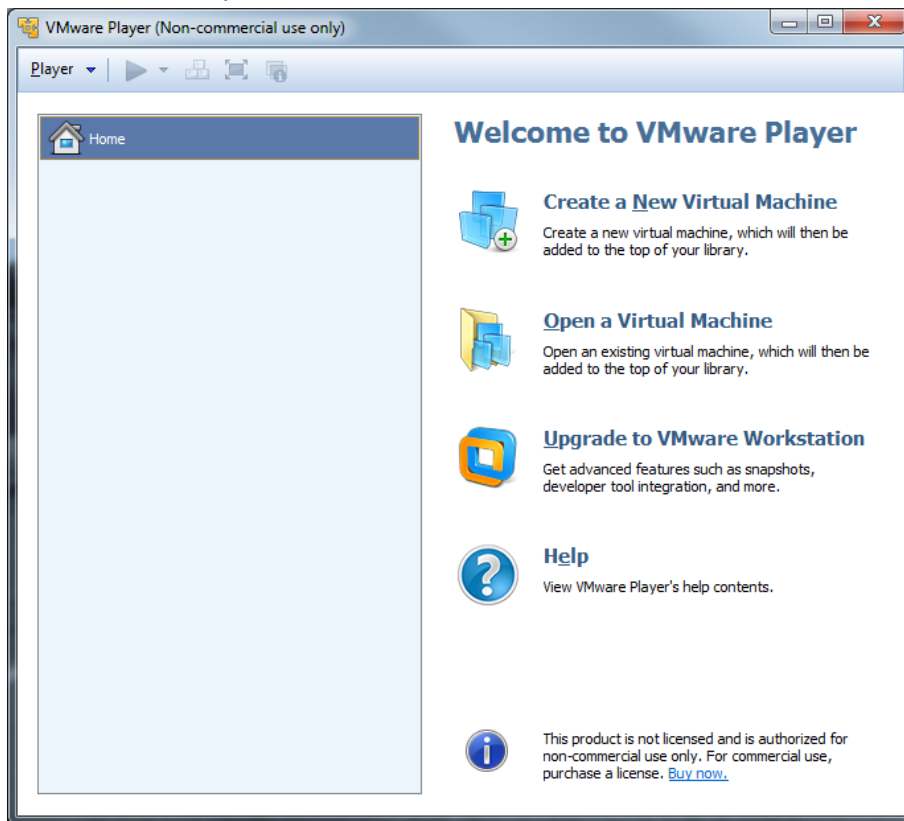
- Min. 6 GB free space on hard drive
- Download virtual player
- Download WinRAR (freeware program for unzipping rar-files) or similar
- Download zipped virtual machine to a desired folder of your choice

Step-by-step guide:

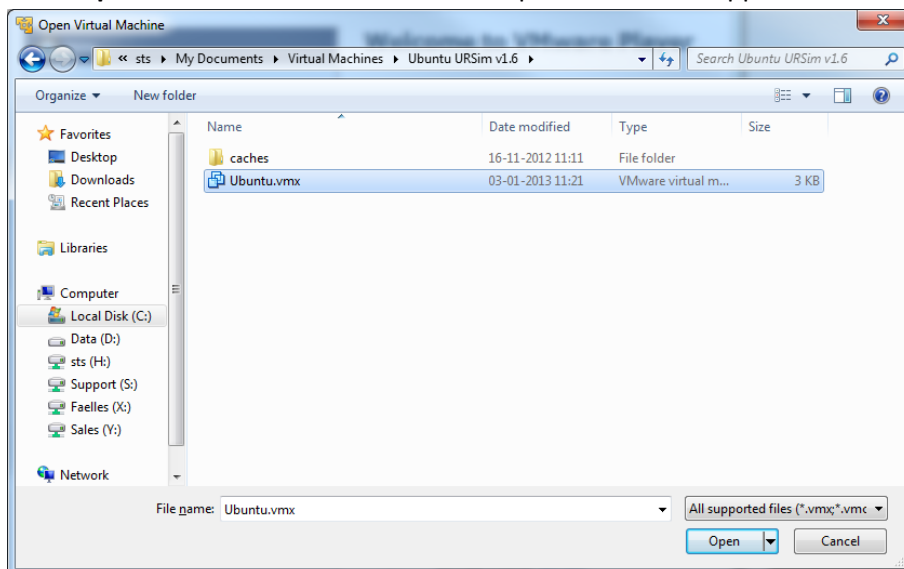
- Install a virtual player.
- Unpack the zipped virtual machine in a desired folder on your pc
- Start the virtual player.
- Proceed in this guide to either VMWare Player or VirtualBox

VMWare Player:

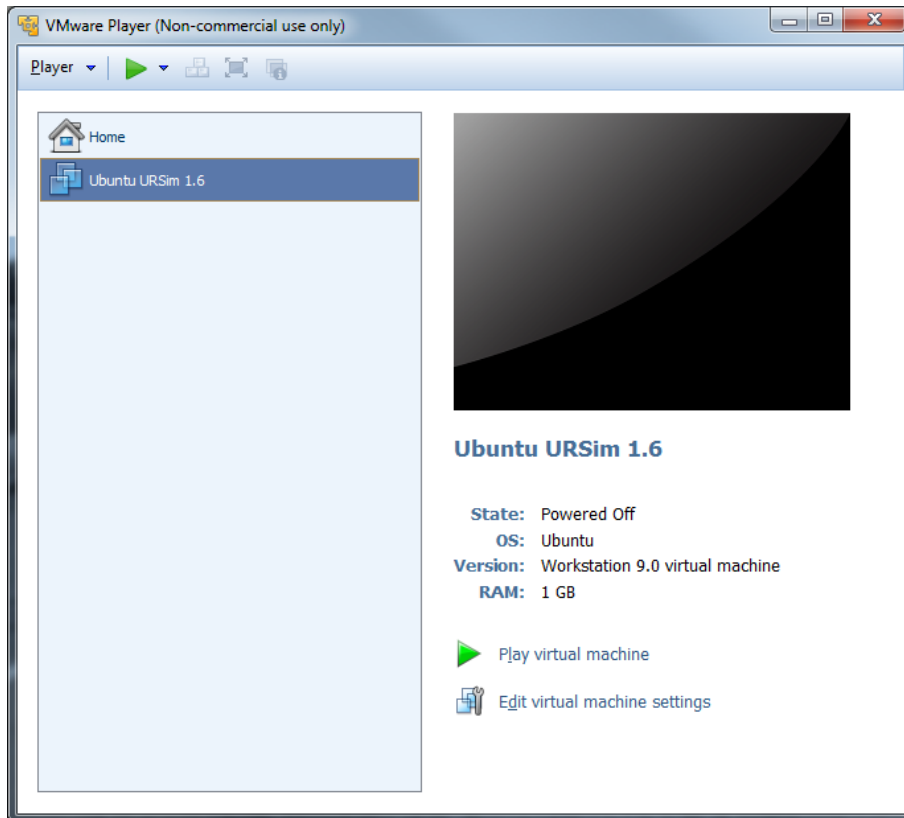
- Start VMWare Player



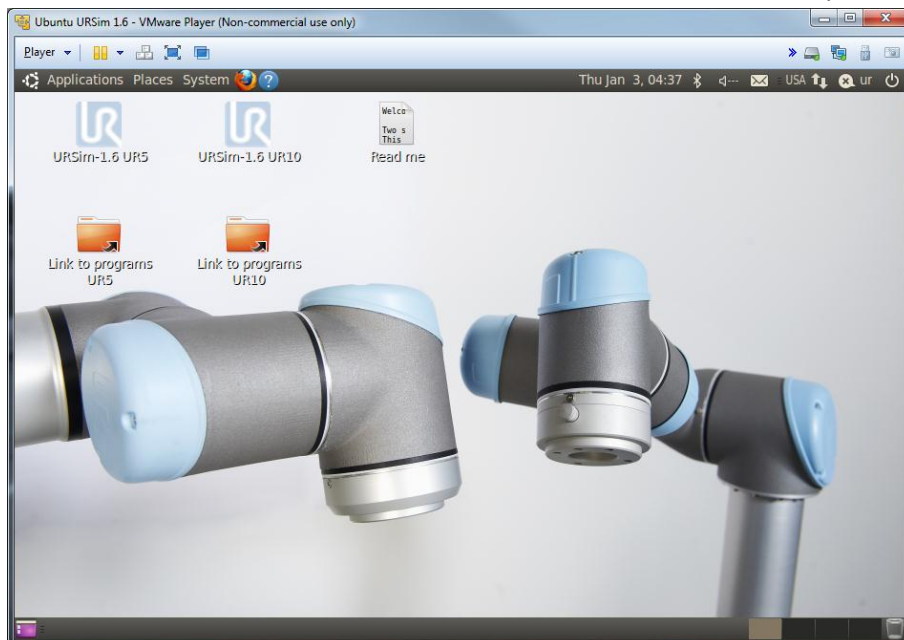
- Press **Open a virtual machine** and find the path where the zipped files was unpacked



- Press *Play virtual machine* and select *I copied it*.

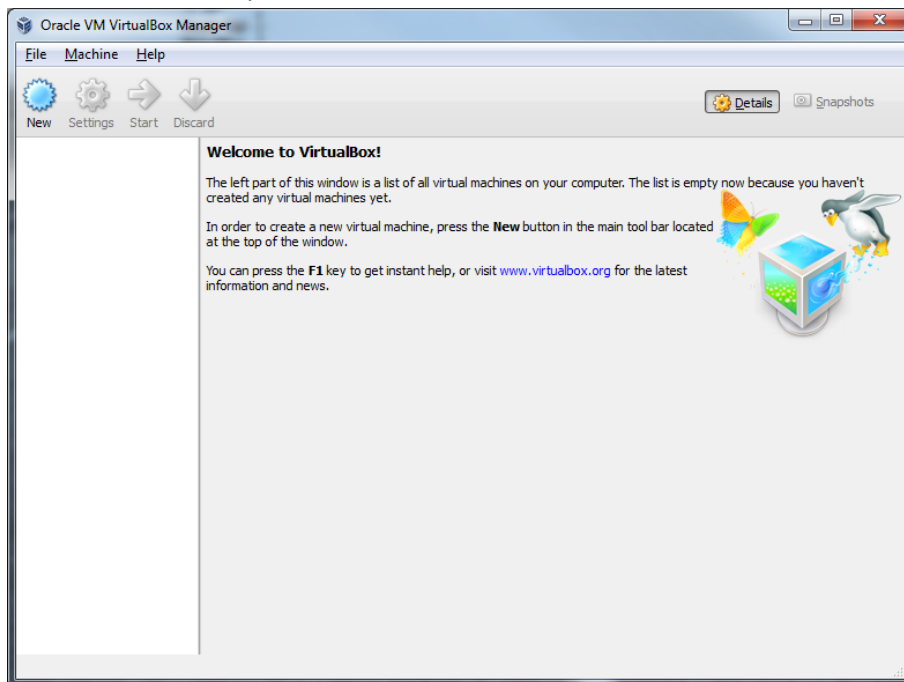


- Virtual machine will start, doubleclick the *Read me* file on the desktop

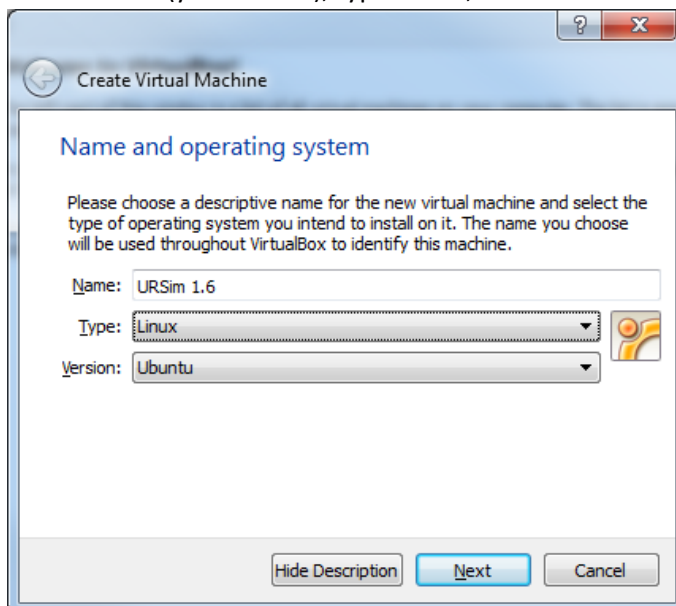


VirtualBox:

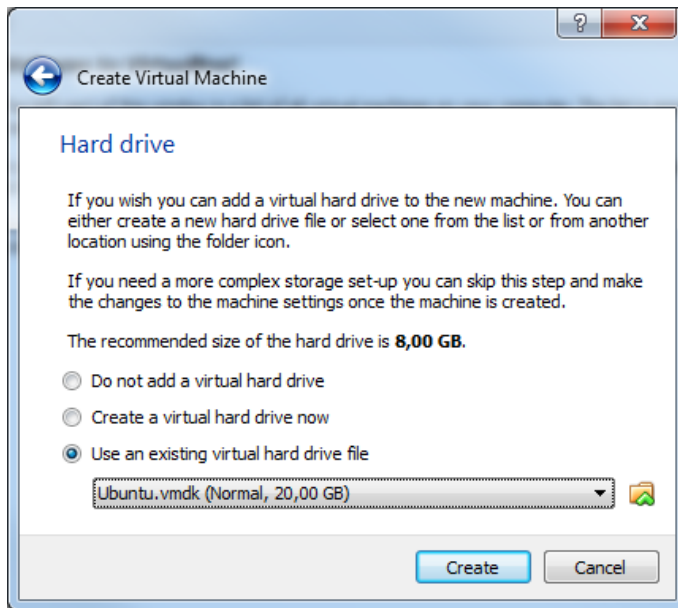
- Start VirtualBox and press *New*



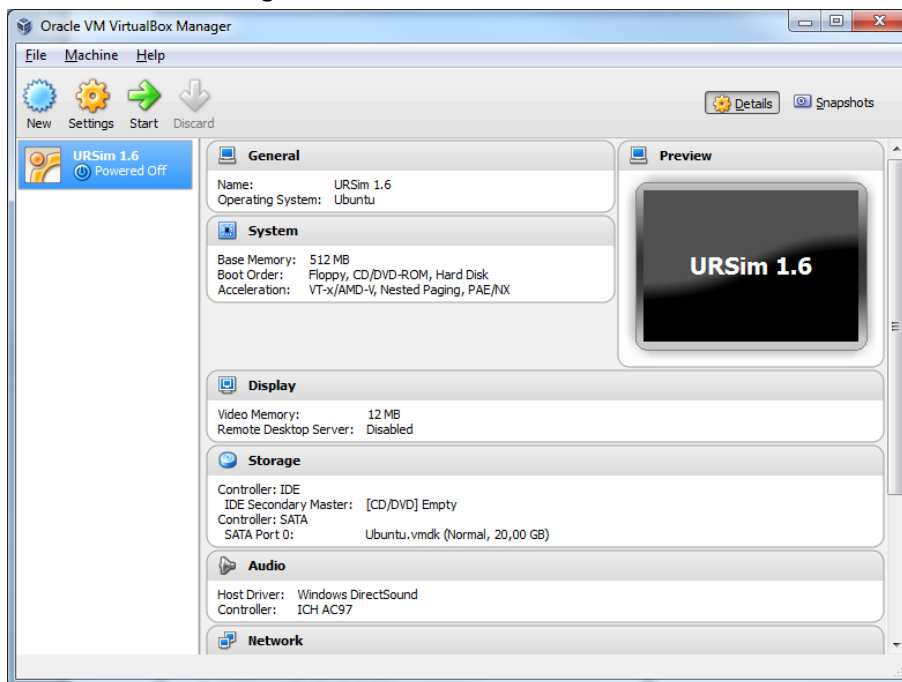
- Define name (your choice), type: Linux, Version: Ubuntu



- Select *Use an existing hard drive file* and define the path to the folder where the zipped file was unpacked, press *Create*



- Press *Start* for starting the virtual machine



- Virtual machine will start, doubleclick the *Read me* file on the desktop

