

Installing a Virtual Machine with Linux in a Windows System

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I wrote the following tutorial because many people are curious about 2 things:

- 1- Virtualization
- 2- Linux

I don't want to explain here what is this, I just want to explain how to play with this 2 things in your machine.

Many people worry about install Linux in their computer and loose data. Using a Virtual Machine you are safe and also, can you both systems in the same time.

In this tutorial you will see how to download and install a Virtual Machine with Ubuntu in a Windows system.

It's very recommended that you have more than 1GB of memory to play with virtualization. Think that you will have 2 operational systems running in the same time in your machine.

Enjoy!

- 1- Go to <http://www.ubuntu.com/> and download the iso for the last Ubuntu version (you don't need to burn a CD with this iso, we will use this in the following steps).

 **Ubuntu 8.10 (the latest version):** Includes the latest enhancements and is maintained until 2010

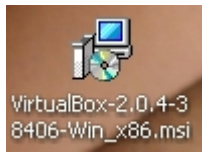
- 2- Go to <http://www.virtualbox.org/> and search for downloads. If you are using Windows for x86 architecture, download the x86 version.

VirtualBox binaries

The binaries in this section are all released under the [VirtualBox Personal Use and Evaluation license](#).

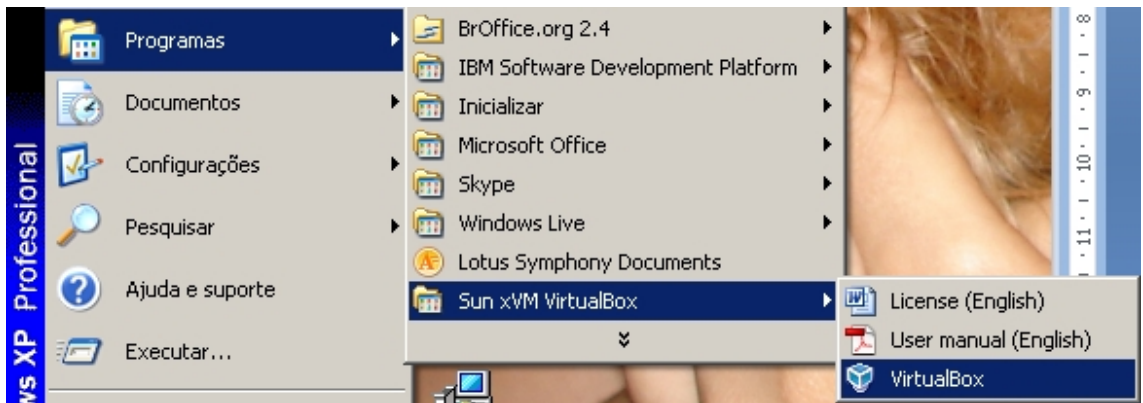
- **VirtualBox 2.0.4 for Windows hosts** [⇒ x86](#) | [⇒ AMD64](#) (only on Windows x64!)

- 3- When the download completes, double click in the installer:



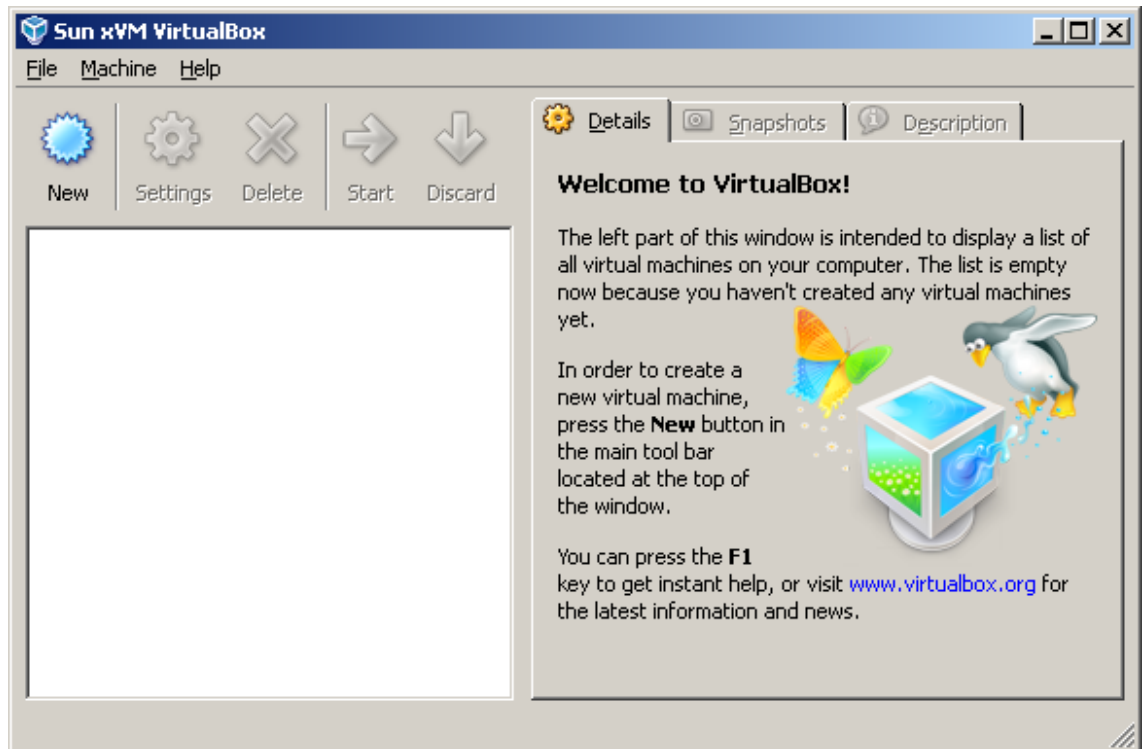
- 4- The install procedure it's easy, just click next, read and accept the license, next again e Install.

- 5- After the installation, you can start Virtual Box by going in the Start menu/Programs/Sun xVM Virtual box/Virtual Box:



- 6- When you start virtual box for the first time, you will see a registration form, fill it and submit.

- 7- This is Virtual Box main Window:

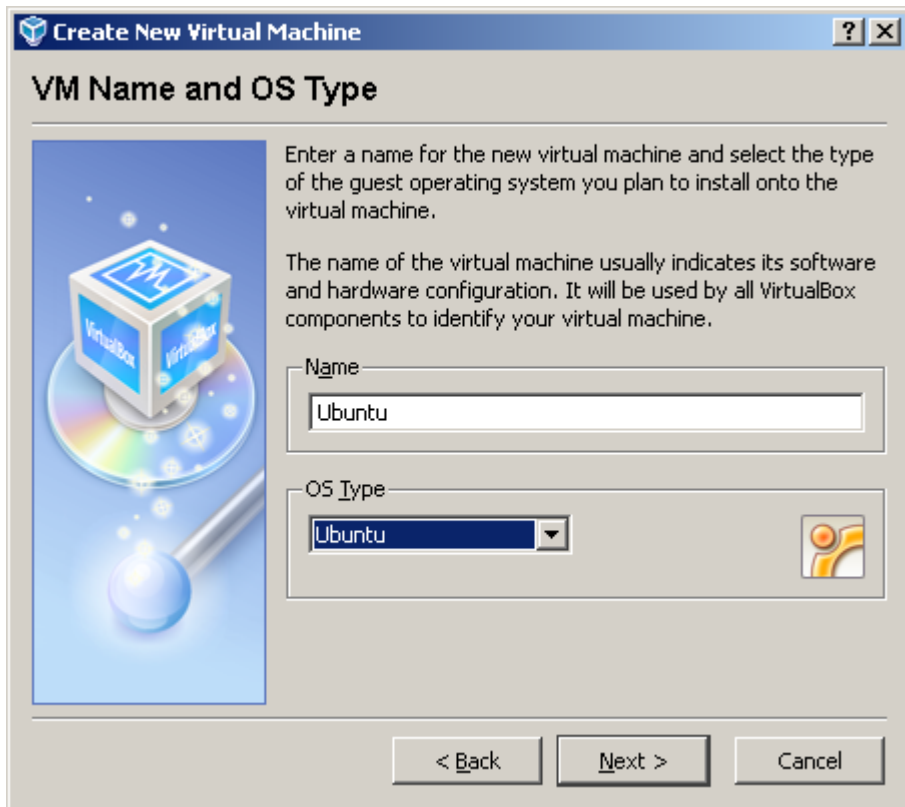


8- Now you can start creating your Virtual Machine by clicking "NEW"

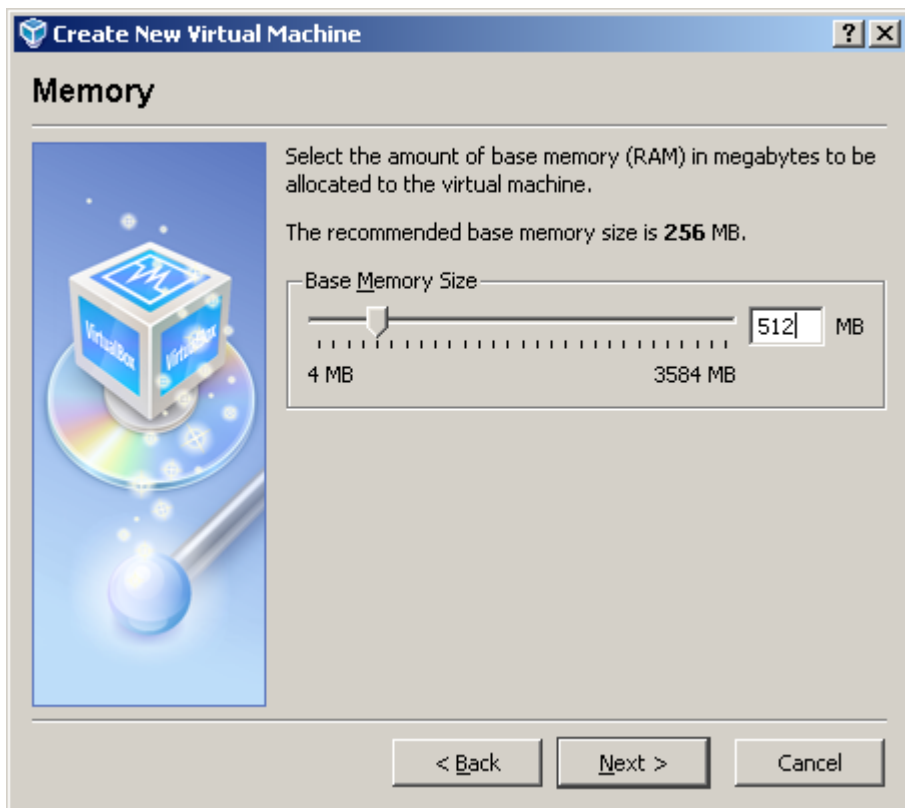


9- Click next in the Welcome Screen

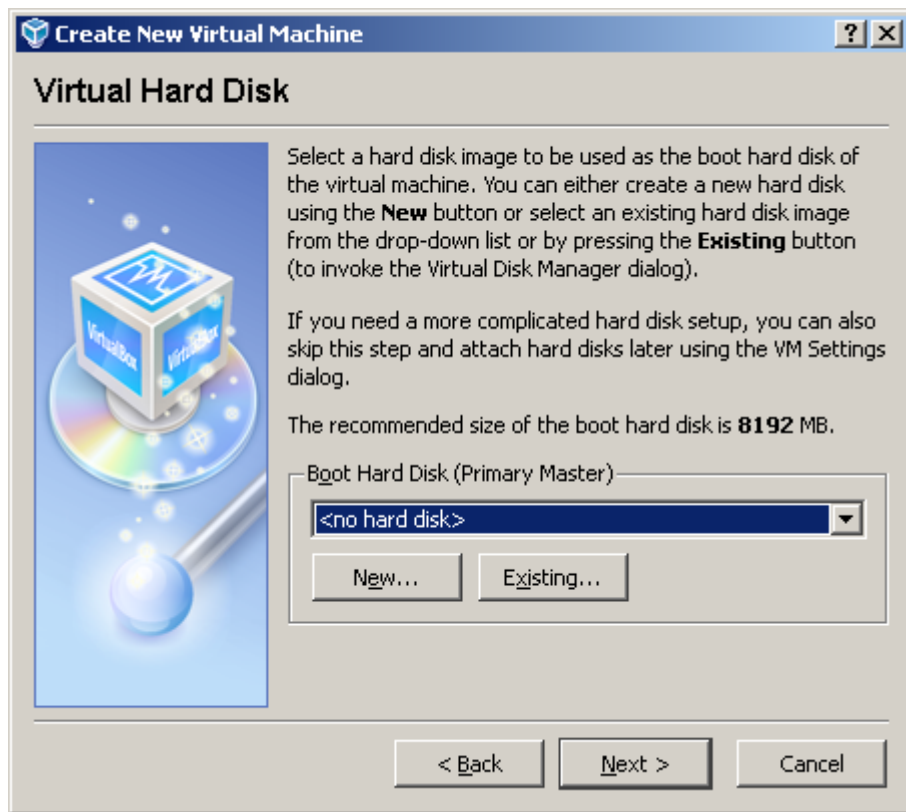
10- Give a name to the Virtual Machine and select the OS Type (Ubuntu) and click next:



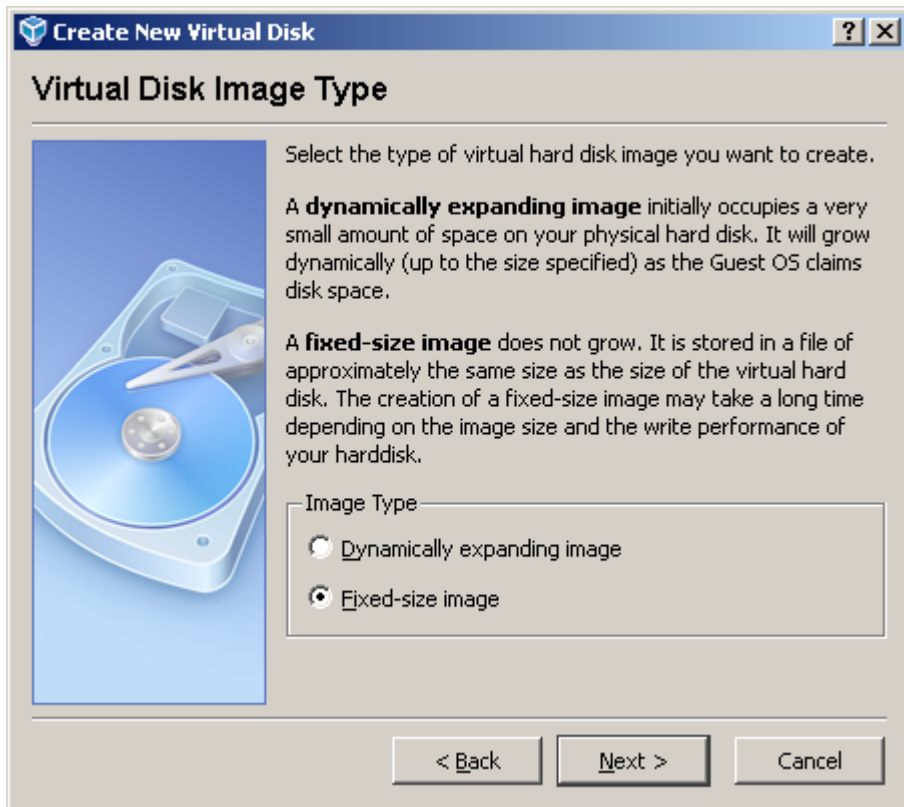
- 11- Select the amount of memory to this machine. This will depend directly on how much memory do you have and what you will do with the Virtual Machine:



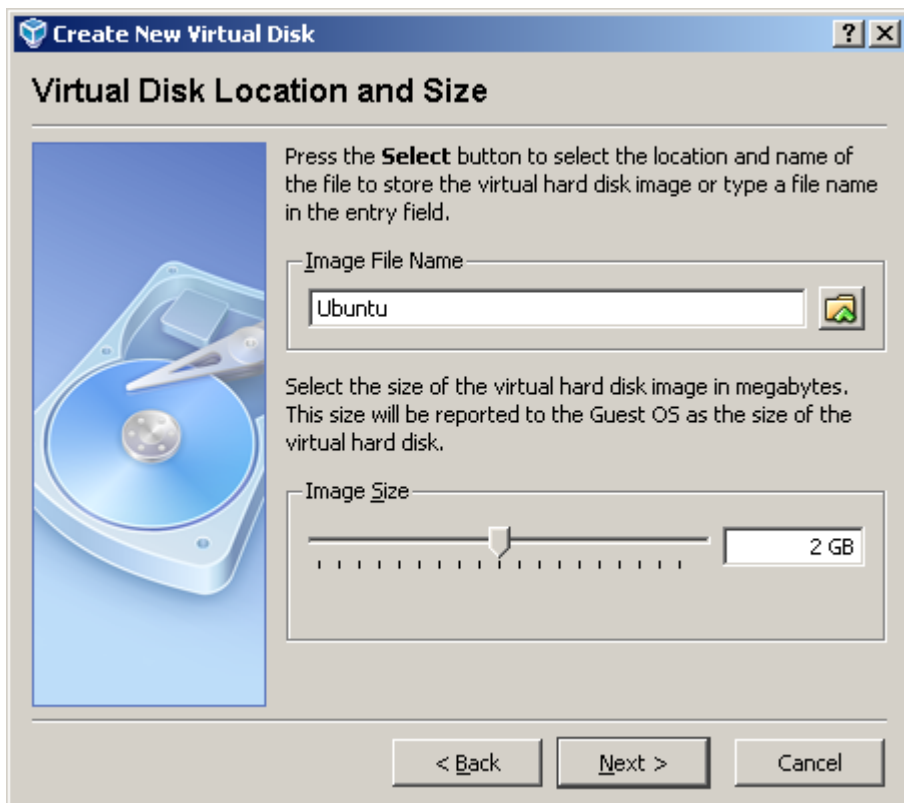
12- Now you will create the virtual hard disk for the machine, click new:



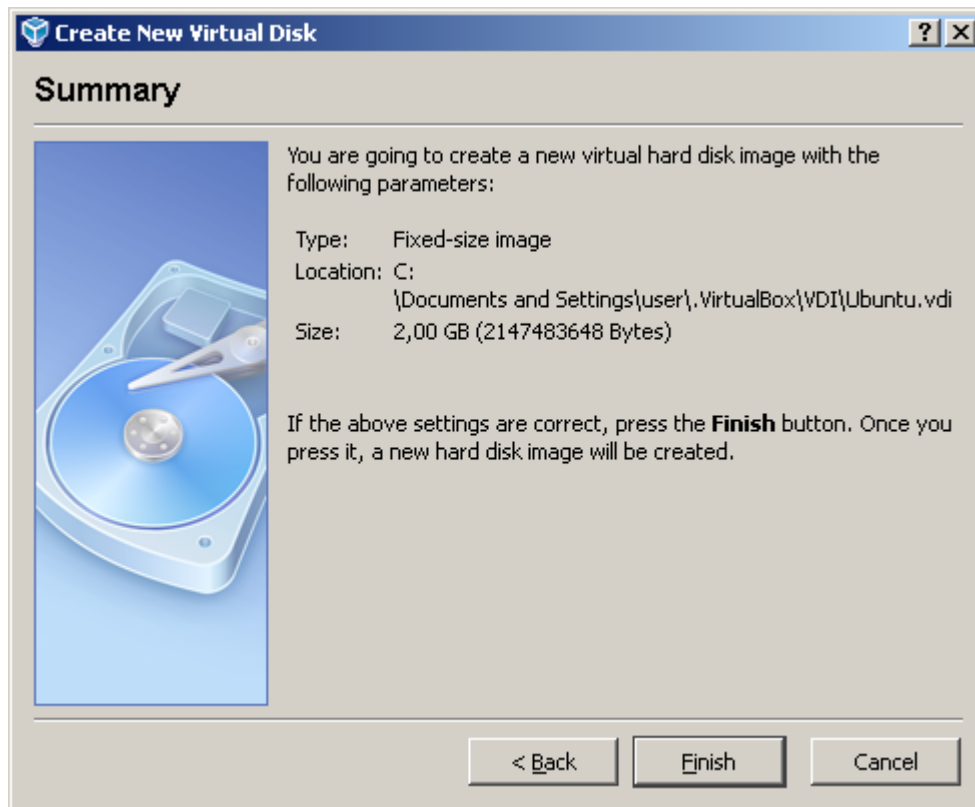
13- You have 2 options, create a Dynamically expanding image or a fixed-size image. I prefer to create a fixed size, select your option and click next:



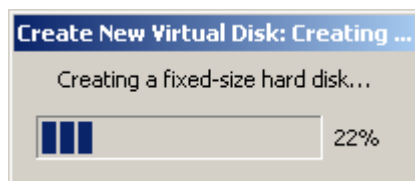
14- Select the size and where you will create the image file and click next:



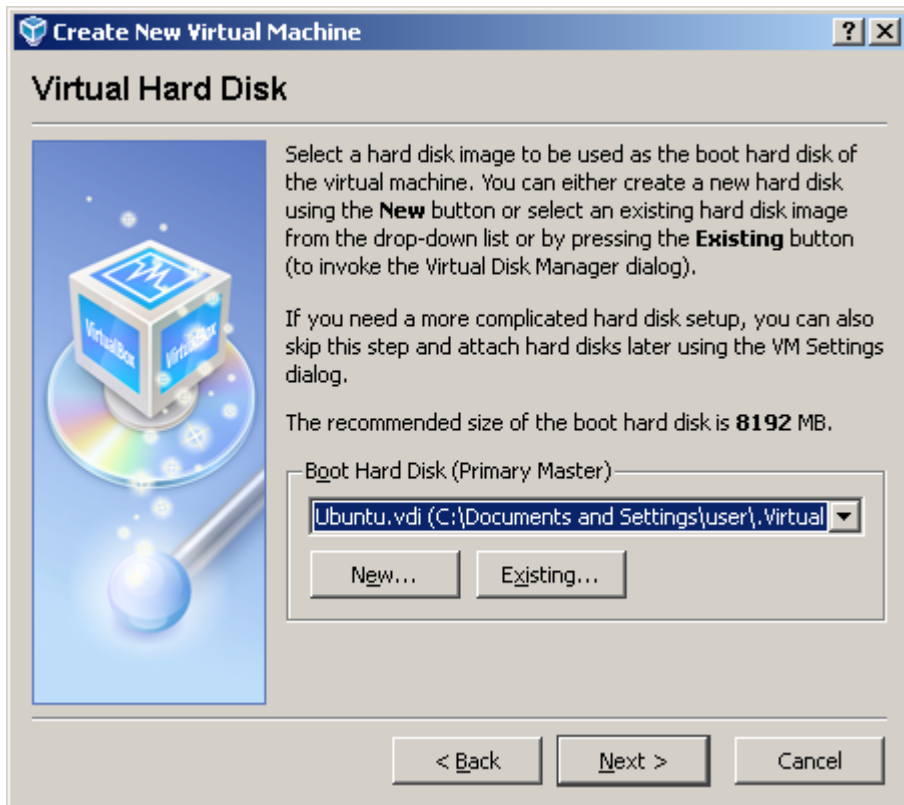
15- See the summary and finish:



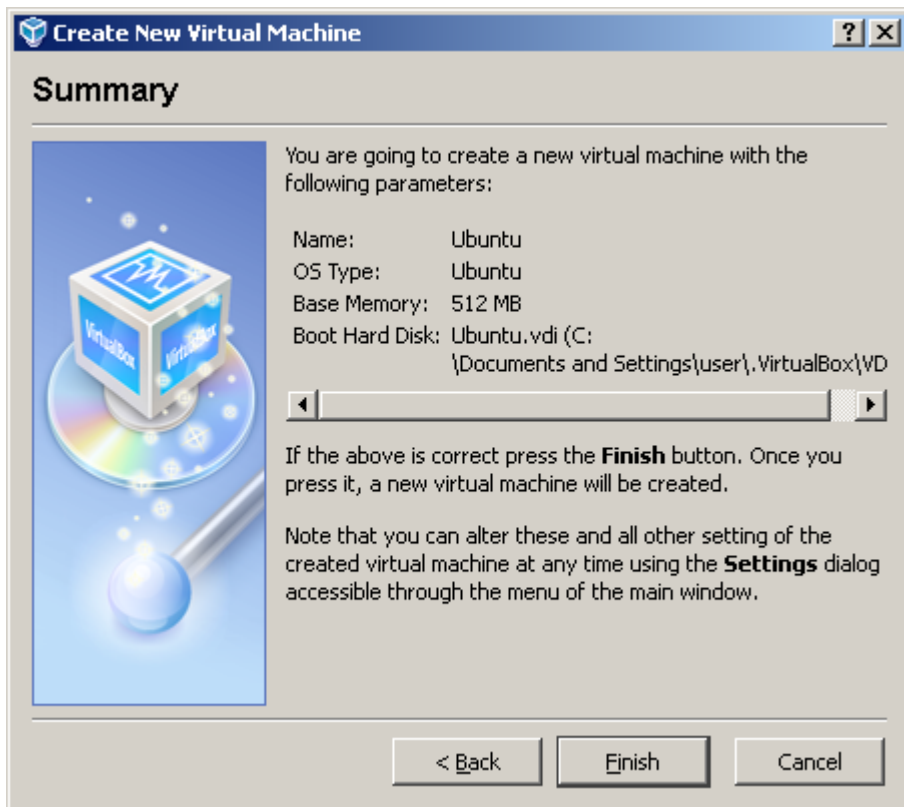
16- This will take some time:



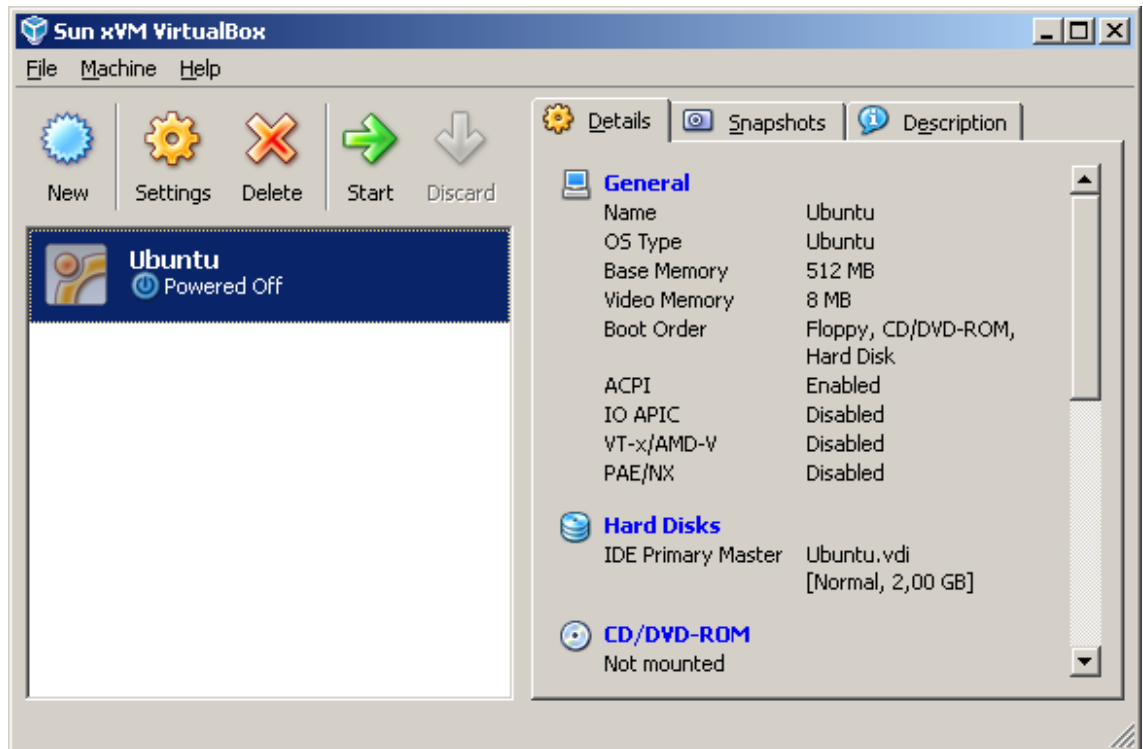
17- Now click next:



18- And finish:



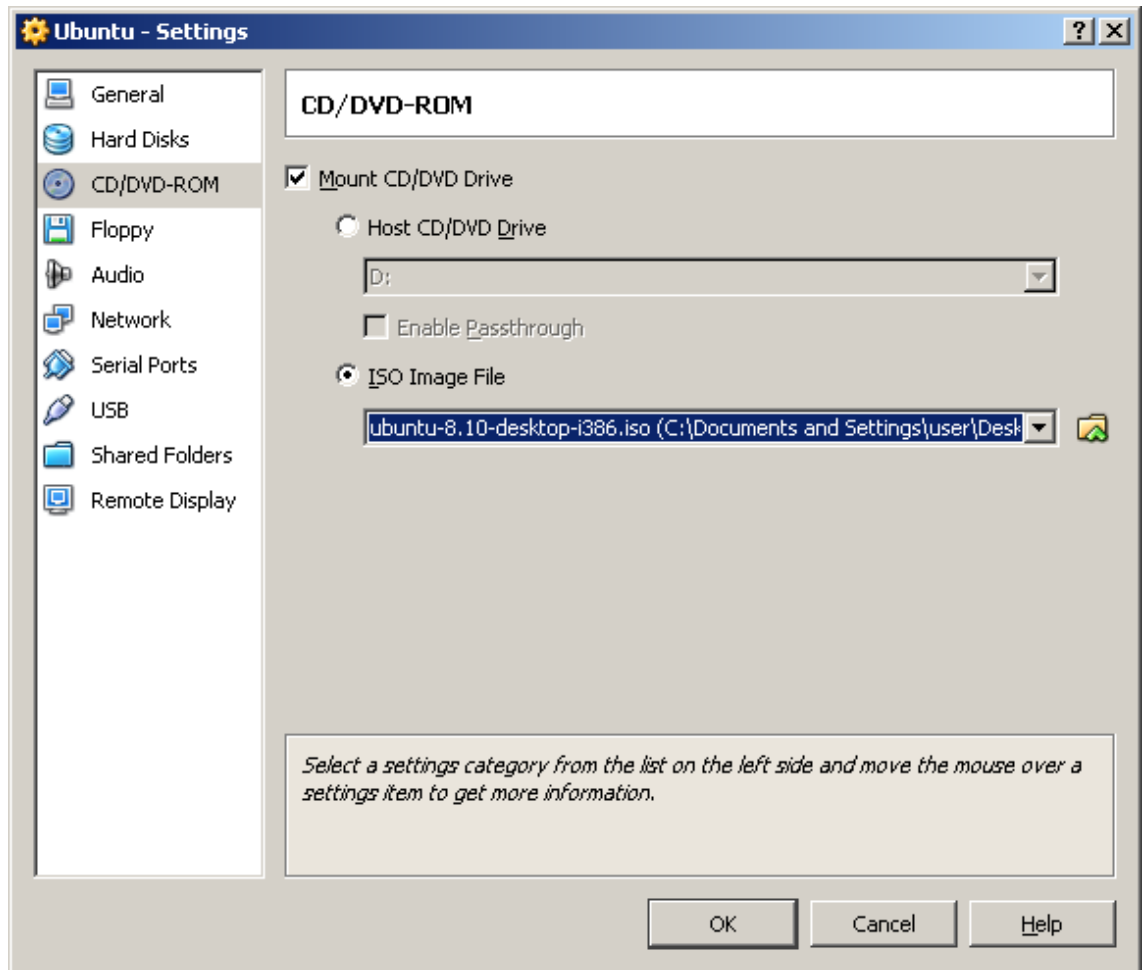
19- Here is your Virtual Machine:



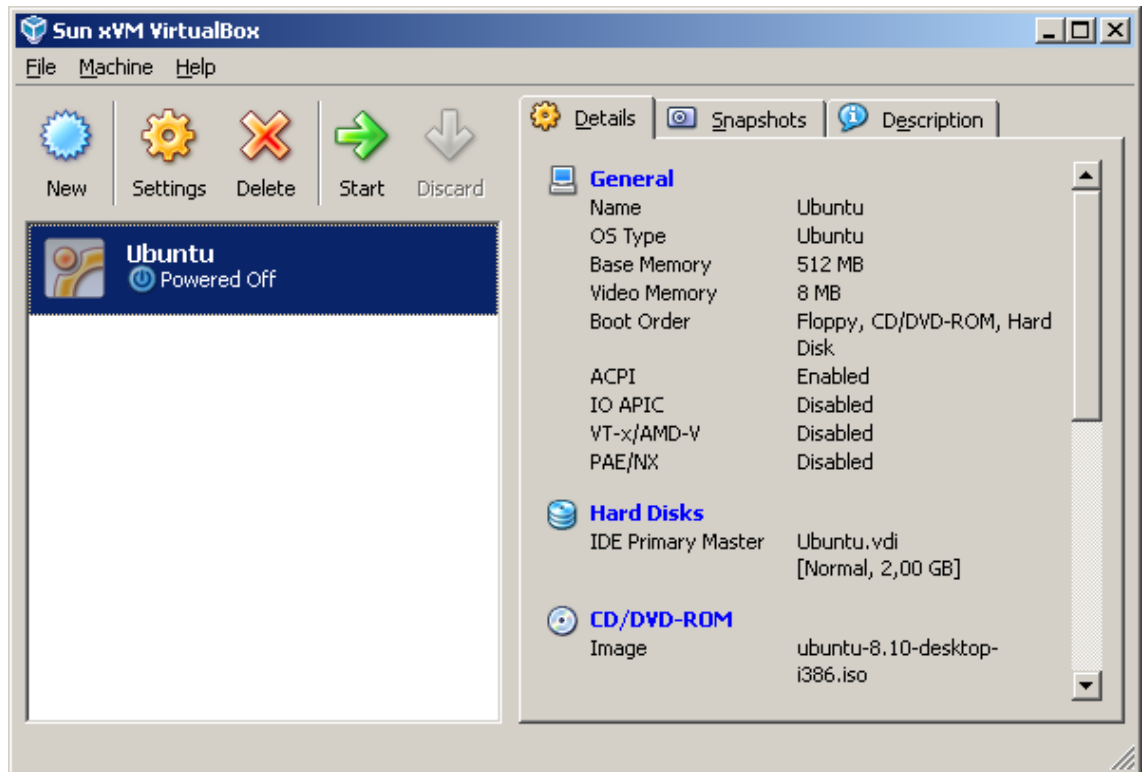
20- At this point, we have an “empty” virtual machine; we don’t have any OS installed. Now we will setup the CD Rom by clicking CD/DVD-ROM:



21- Enable Mount CD/DVD Drive, and select the ISO IMAGE that you have downloaded in step 1, this way, your machine will boot this iso like a CD when you start the machine. After select the iso, click ok:

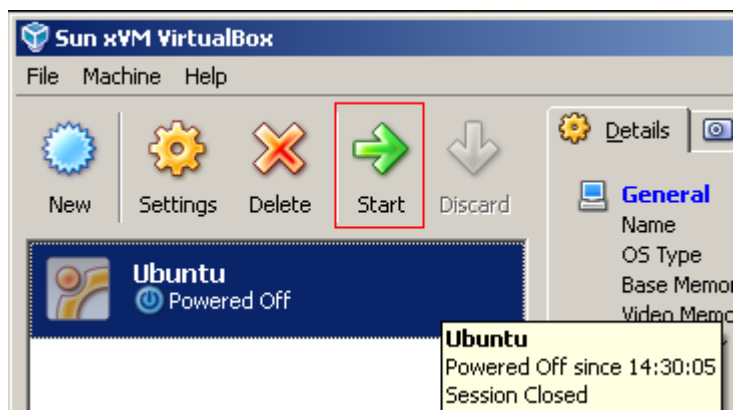


22- Look the CD information now:

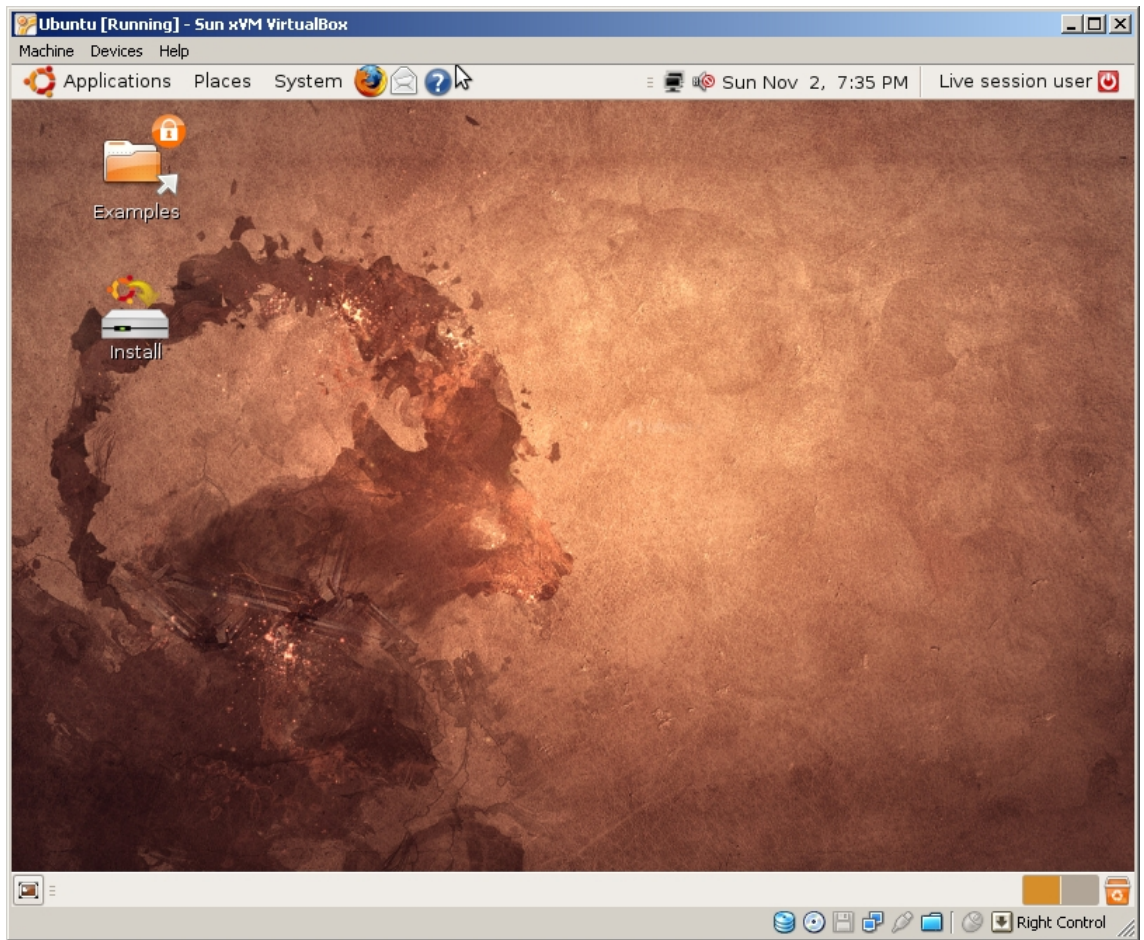


If you scroll down, you will see that you can change other settings, like enable sound.

- 23- Now it's time to start our machine and boot Ubuntu Installation. To do this, select the machine and click start:



- 24- Work completed!!! You will see that now you are in the Ubuntu installation process. I'll not cover this here. If you want to test Ubuntu before install, select "Try Ubuntu without..." and be happy! Follow a screen shot of Ubuntu running in my computer.



For more information and manuals, go to <http://www.virtualbox.org/>