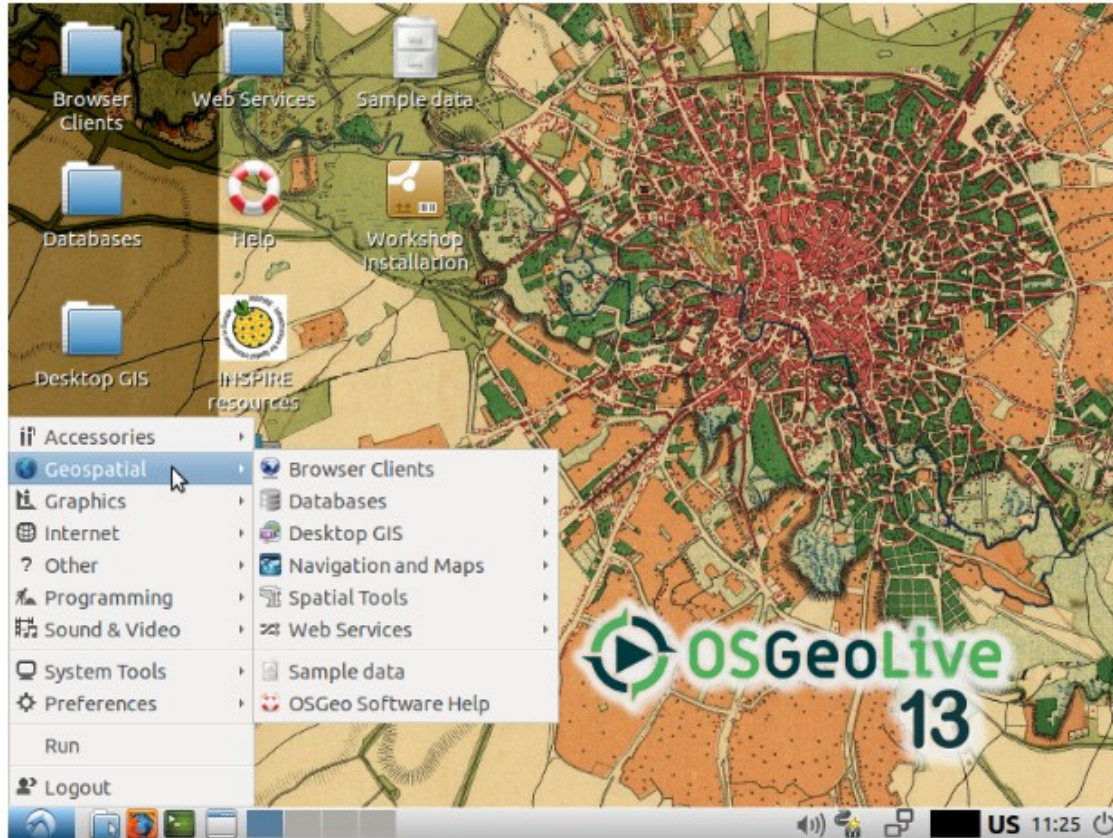


# OSGeoLive for the Spatial Ecology courses

Mastering several  
Open Source software  
in one Linux OS



## VirtualBox

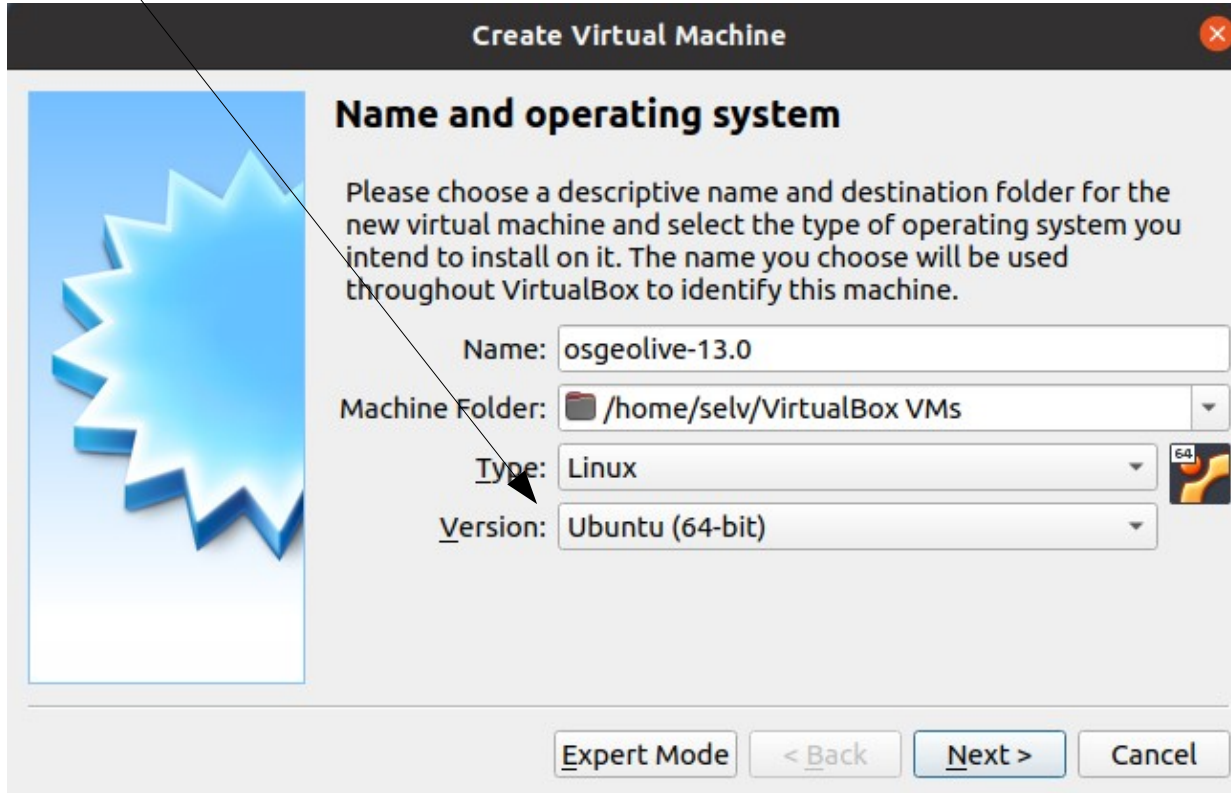
Start the VirtualBox application and click on the New button to create a new VM, and then Next.



## Create Virtual Machine

Enter a name such as osgeolive-13, and choose Linux as the “Operating system”, and Ubuntu (64bit) as “Version”.

***Pay attention if you do not see Ubuntu (64bit) but only Ubuntu (32bit) means that your BIOS is not set for virtualization. Enter BIOS according to your PC configuration and enable virtualization ( see example at <https://goo.gl/Zgq14A>)***



**Create Virtual Machine**

**Name and operating system**

Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name: osgeolive-13.0

Machine Folder: /home/selv/VirtualBox VMs

Type: Linux

Version: Ubuntu (64-bit)


Expert Mode < Back Next > Cancel

Leave the default path of your OS

## Set memory size

Set the memory Size (~2G). The dedicate RAM for the VM can change according to the RAM of your host-pc. Do not overpass the green area!

Create Virtual Machine



### Memory size

Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

The recommended memory size is **1024 MB**.

4 MB

8192 MB

2048

MB

< Back

Next >

Cancel



## Load the vmdk file

Choose “Use existing virtual hard disk file”.

Now click on the button (a folder yellow icon) to browse to where you saved the osgeolive-13.0-amd64.vmdk file. Select the file, press Next and Create.

Create Virtual Machine



### Hard disk

If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.

If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.

The recommended size of the hard disk is **10.00 GB**.

☐ Do not add a virtual hard disk

☐ Create a virtual hard disk now

☒ Use an existing virtual hard disk file

osgeolive-13.0-amd64.vmdk (Normal, 40.00 GB)




< Back


Create

Cancel

osgeolive-13.0 - Hard Disk Selector


Medium

 Add

 Refresh

Name	Virtual Size	Actual Size
Not Attached		
osgeolive-13.0-amd64.vmdk	40.00 GB	11.19 GB

Search By Name



Cancel

Choose



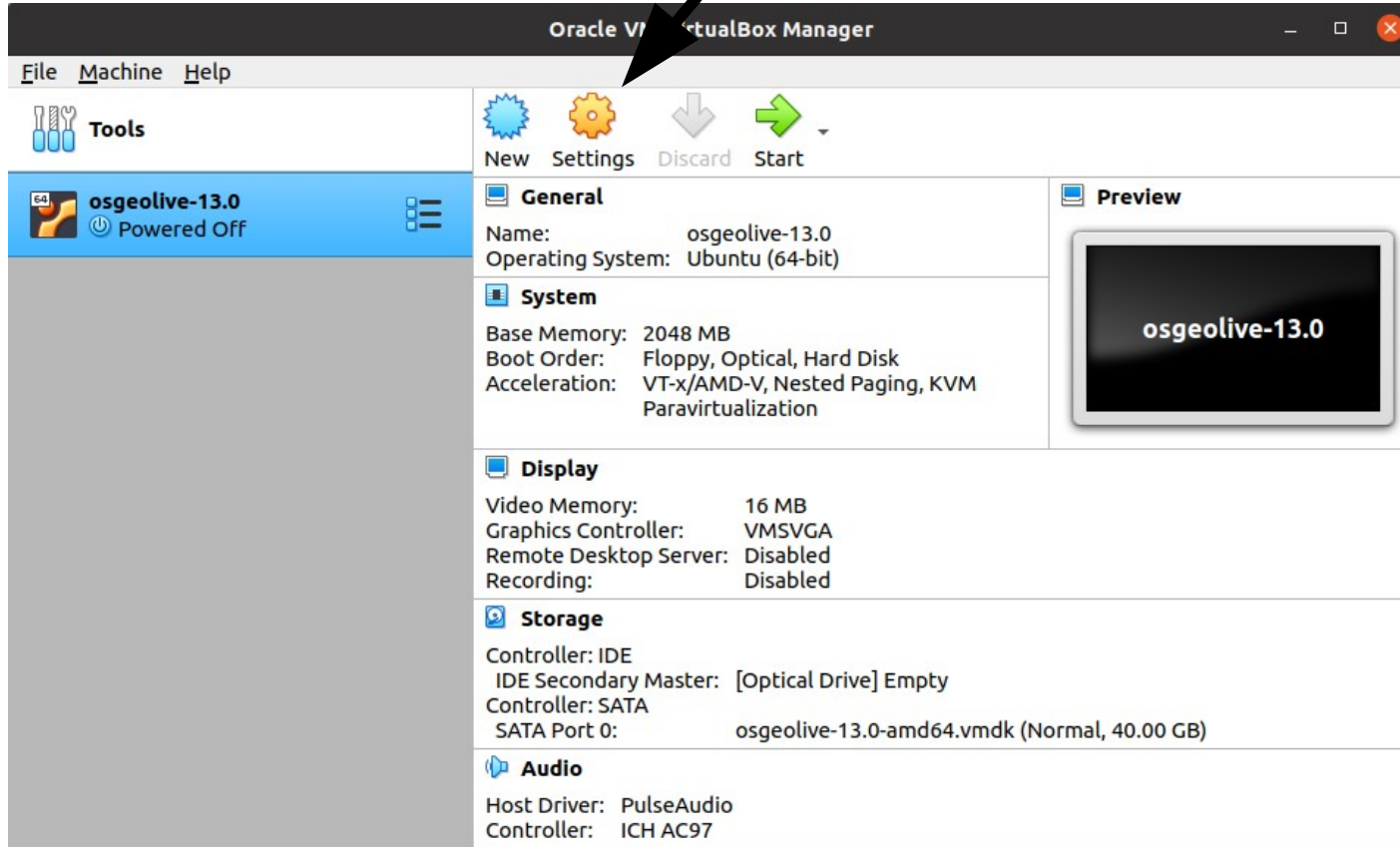
## Sharing folder

Create an empty folder named LVM\_shared in your OS

MAC OS X: /Users/yourname/LVM\_shared

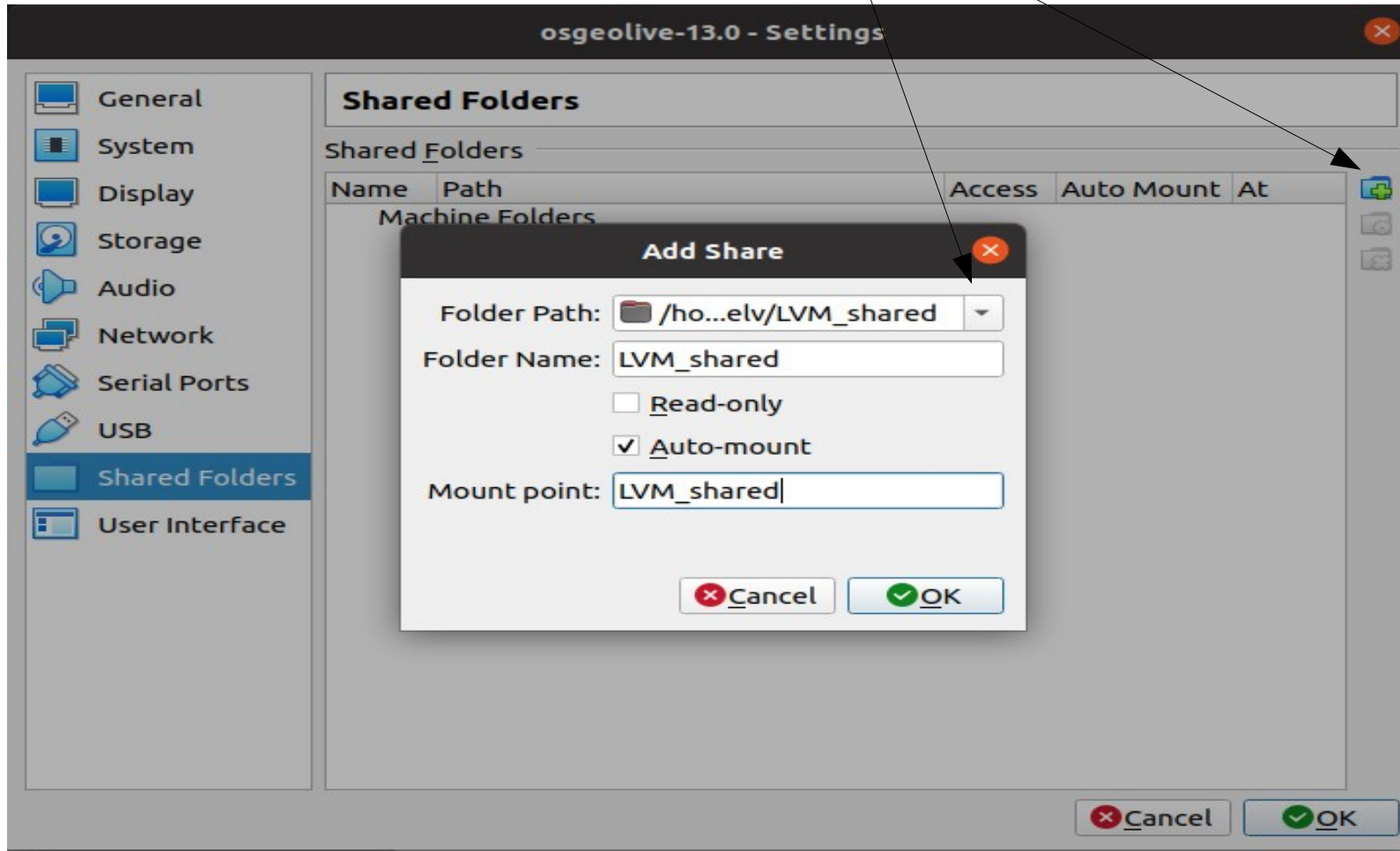
Windows OS: C:\Users\yourname\Documents\LVM\_shared

Linux: /home/yourname/LVM\_shared



## Sharing folder

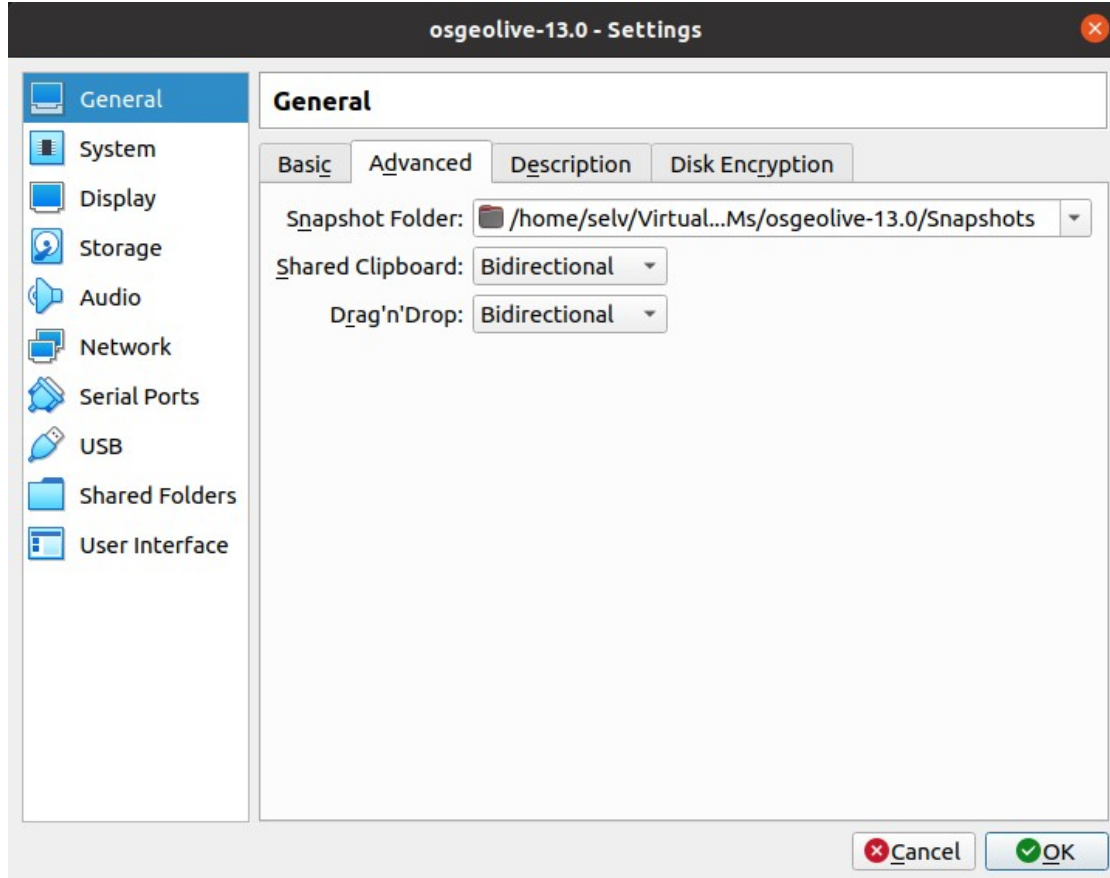
Add new shared folder in VirtualBox → setting → shared folders →  
Navigate to the host OS LVM\_shared folder.  
Activate the Auto-mount option and click OK



## Virtual Machine settings

In VirtualBox → setting → General

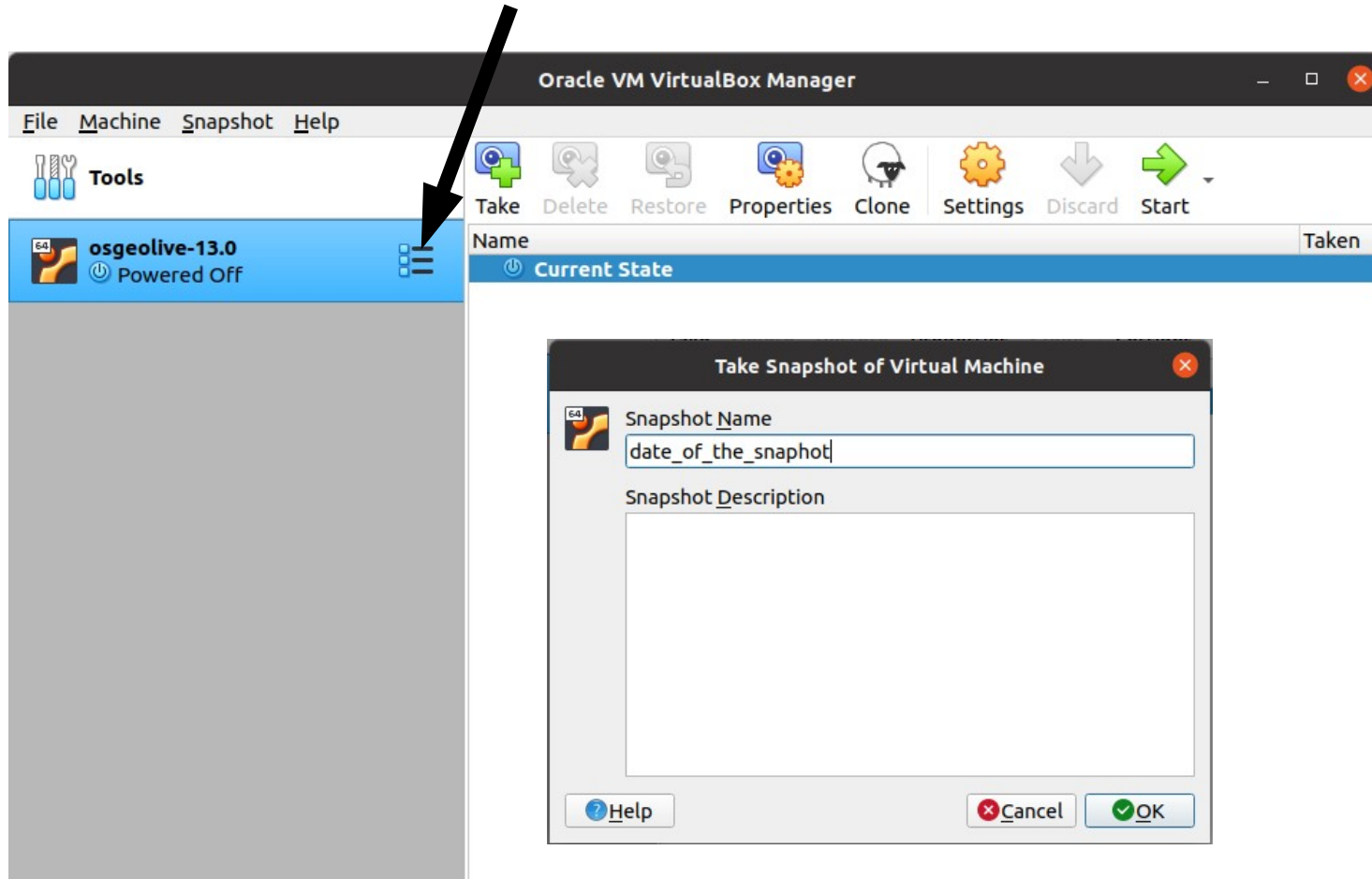
Set Shared Clipboard and Drag and Drop to Bidirectional Optional.  
Do not change the Snapshot Folder





## Snapshots

Create a snapshots of the current version. It will be useful for going back if something is not working



## Start the Virtual Machine

At this point you can press the start arrow to boot the Linux Virtual Machine

