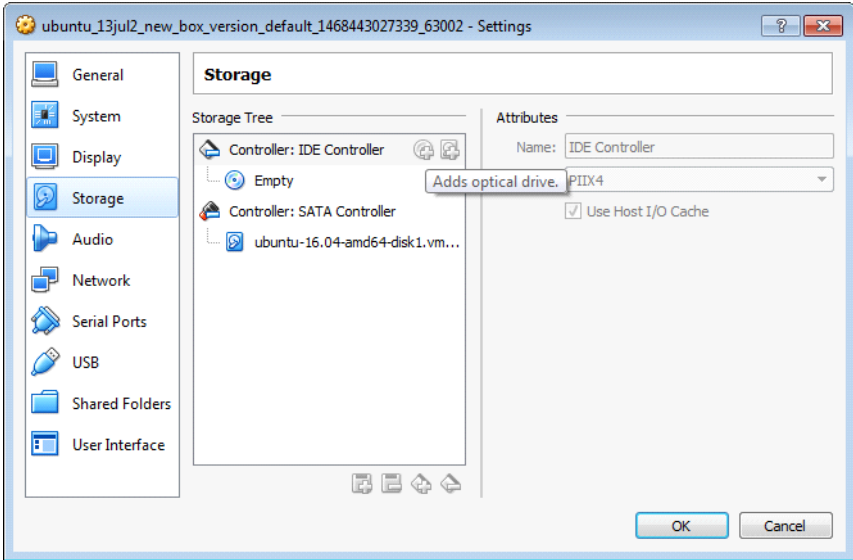
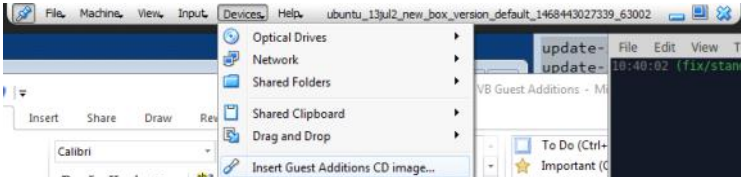
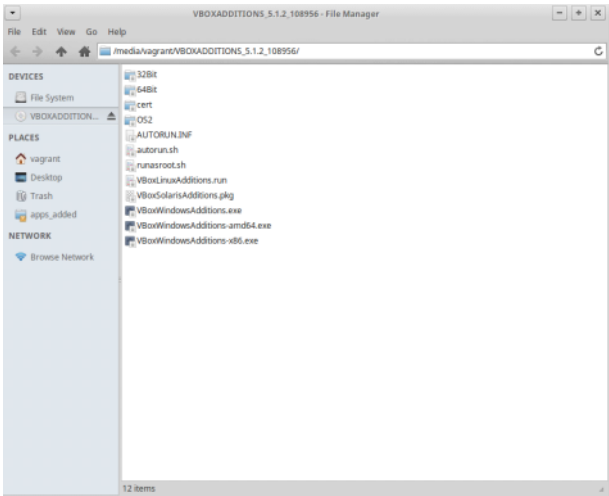


# Update VB Guest Additions (Linux GUI)

Thursday, August 04, 2016  
10:40 AM

When upgrading Oracle VB, you should update Guest Additions which help performance and usability. Items such as screen sizing, mouse movements, shared folders etc.

## Steps

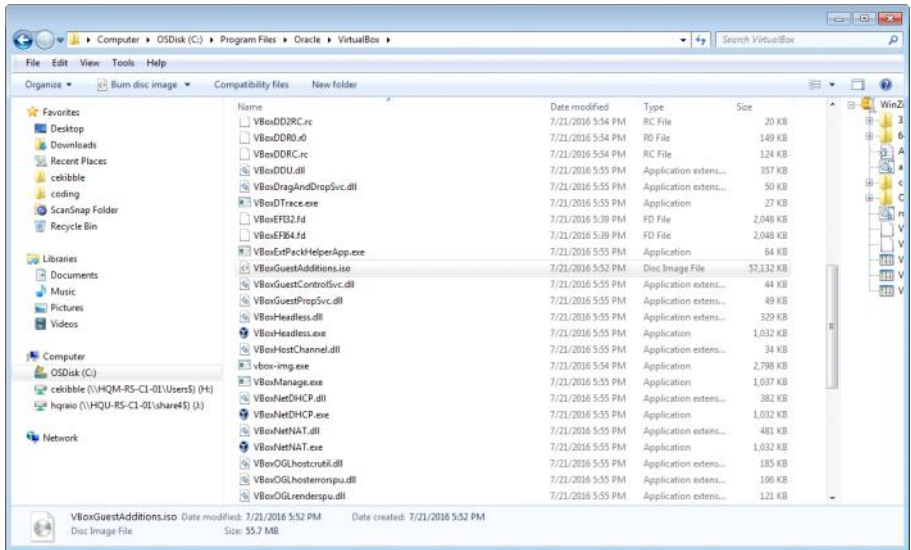
Windows VirtualBox: - Add Optical Drive to Oracle VirtualBox (VM off)	
Windows Terminal: - Vagrant Up to run VM  VirtualBox Toolbar: Devices > Insert Guest Additions	
Guest Additions .iso file should be loaded into VMs virtual optical drive	
Linux Terminal: - Cd into directory where guest additions lives & run file as sudo	<code>sudo sh ./VBoxLinuxAdditions.run</code>
Optional: Consider adding Vagrant plugin to warn if Guest Additions are out of date	<code>vagrant plugin install vagrant-vbguest</code>  See for details: <a href="https://github.com/dotless-de/vagrant-vbguest">https://github.com/dotless-de/vagrant-vbguest</a> - Will still need to manually install new guest additions per above steps due to permission problems, but plugin will give warn ing when out of date.

## Alternate Method to Mount .iso file

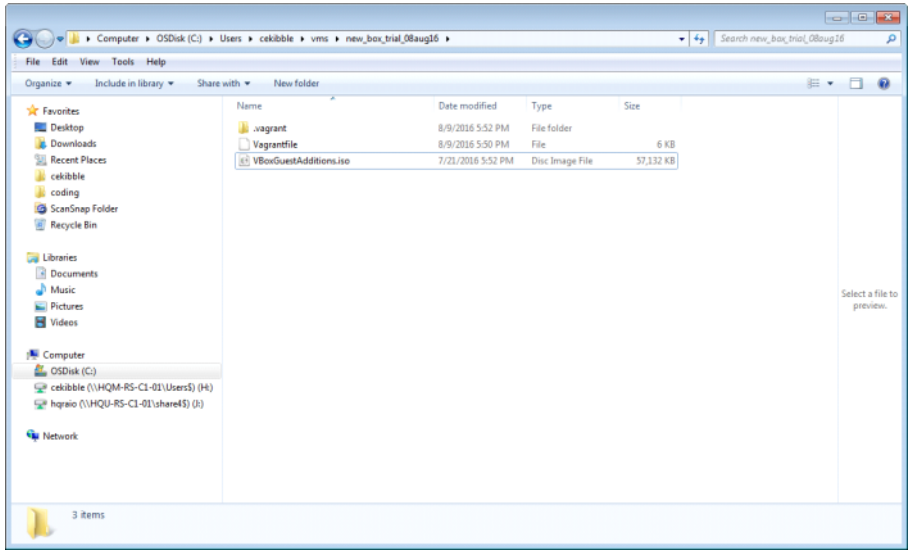
### Windows

Add optical drive to VirtualBox	See above
---------------------------------	-----------

C:\Program Files\Oracle\VirtualBox

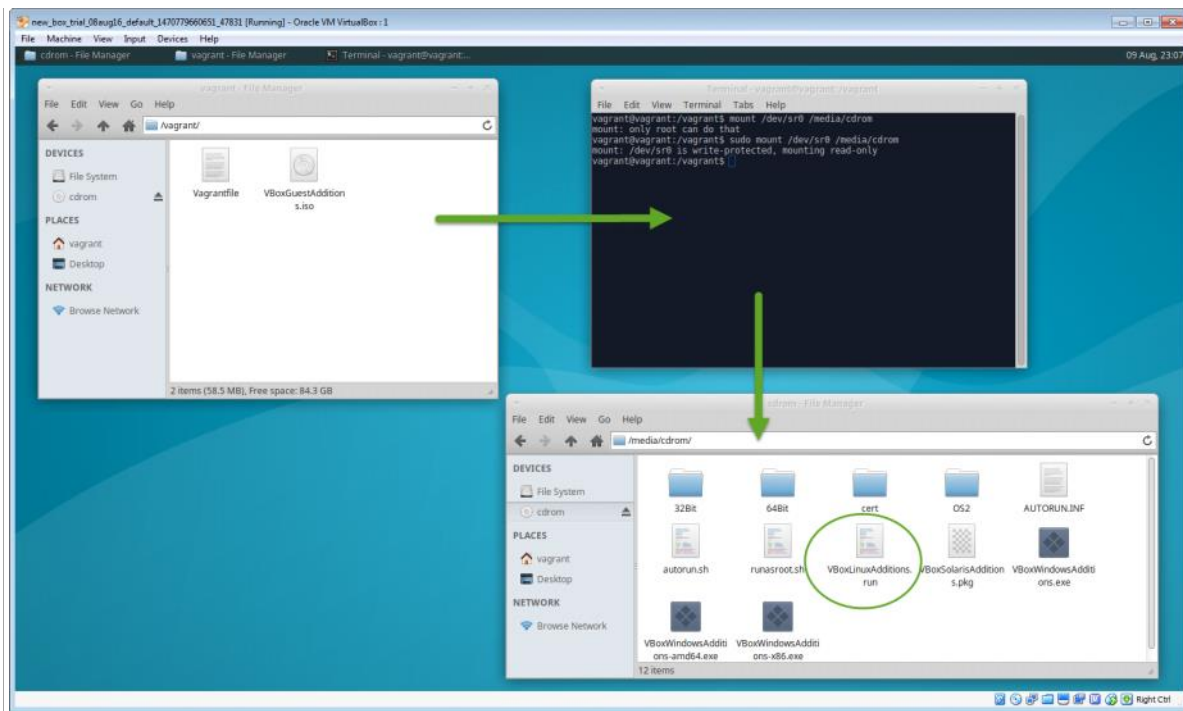


Copy .iso to vagrant shared folder (where Vagrant File lives)



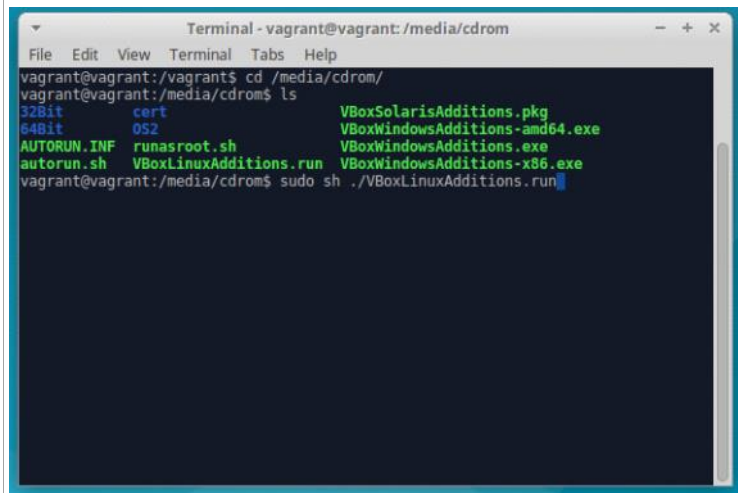
### Linux VM

Vagrant up	Start VM and wait for terminal to finish loading vagrant before logging in. Waiting until finished helps make sure shared folders are synced and working.
Cd to /vagrant/	<pre># This is your shared folder where the .iso file, VagrantFile and other shared files live /vagrant/  # NOT this. This is the WRONG vagrant folder (the home folder) /home/vagrant/</pre>
Mount .iso file to CDROM drive	<pre>sudo mount /dev/sr0 /media/cdrom</pre> <p>Pasted from <a href="https://forums.virtualbox.org/viewtopic.php?t=15679">https://forums.virtualbox.org/viewtopic.php?t=15679</a></p>



In terminal - Change to cdrom folder and run executable

```
cd /media/cdrom/
sudo sh ./VBoxLinuxAdditions.run
```



## Sources

<https://www.virtualbox.org/manual/ch04.html#idm1948>  
<https://help.ubuntu.com/community/VirtualBox/GuestAdditions>  
<https://forums.virtualbox.org/viewtopic.php?t=15679>  
<https://github.com/dotless-de/vagrant-vbguest>