virtualBox

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1 Introduction

Virtual-box allows to share the ethernet card amongs several operating system. This is usefull as the python code use qt4 that is not available on Scientific Linux 5.5.

2 Install

- Ubuntu:

```
$ cat /proc/cpu | grep svm (tell if cpu allow virtalization)
# aptitude install virtualbox-ose (Open Source Edition)
# aptitude install virtualbox-ose-dkms (for virtualization: Debian Kernel Management System)
# aptitude install virtualbox-guest-additions (for mouse caption between Linux and Windows)
$ VirtualBox
```

- SLC55: From http://www.virtualbox.org/wiki/Linux_Downloads choose “Red Hat Enterprise Linux 5 ("RHEL5") / Oracle Linux 5 ("OL5") / CentOS 5 i386”.

```
$ wget http://download.virtualbox.org/virtualbox/4.0.10/VirtualBox-4.0-4.0.10_72479_rhel5-1.i386.rpm
# rpm ...
```

3 Configuration

- use 892MB of RAM and 20GB for HD.
- Add serial port COM1 (unconnected).
- Iso are store here:

```
$ find /data2/VM
/data2/VM/xpkeys.txt
/data2/VM/shared
/data2/VM/iso/llrxpsp2.iso
/data2/VM/iso/office2003.iso
/data2/VM/snapshots
/data2/VM/vdisks/winxp.vdi
```

- *VBoxGuestAdditions.iso* should be automaticly provide into CD images.
- From VirtualBox, select the iso and run it into Windows.
- update Windows to SP3
- defined a shared folder using the GUI and copy into your SVN private key
- you should retrieve it from Windows into the “network favorite folders”