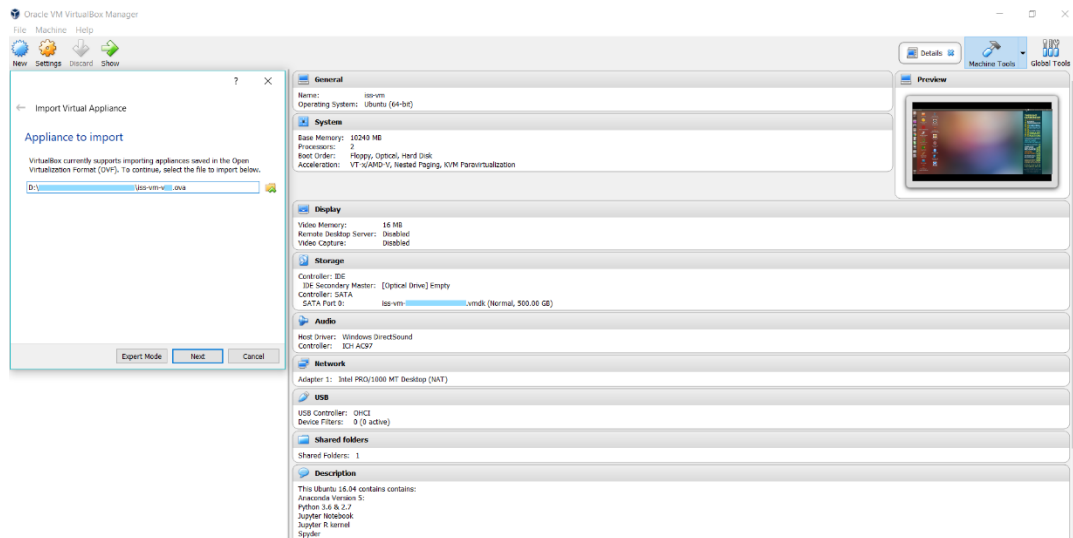


< User Guide for iss-vm >

Installation steps:

1. Download and install Virtualbox software (recommended version 5.2.20):
<https://www.virtualbox.org/wiki/Downloads>
2. Download iss-vm virtual machine (an Appliance) from:
<http://bit.ly/iss-vm-v20a> (part 1 about 11 GB in file size)
<http://bit.ly/iss-vm-v20b> (part 2 about 11 GB in file size)
<http://bit.ly/iss-vm-v20c> (part 3 about 10 GB in file size)
[Note] Please check/ensure the 'virtualization' option is enabled in your computer's BIOS/hardware (Google it if not sure)
3. Put all three zip files in same folder; select the first file iss-vm-vNN.zip.001; use tools like 7-zip to un-compress. <https://www.7-zip.org/download.html>
4. Start Virtualbox software
5. Click File → Import Appliance



6. Click Start to use iss-vm
7. Most data science software are on the desktop



This iss-vm Ubuntu 16.04 contains:

- * Anaconda-Linux-x86_64
- * casperjs (and phantomjs) on ubuntu
- * CLIPS (Rule Based Expert System)
- * DeepMind PySC2 - StarCraft II Learning Environment
- * Docker
- * durable-rules
- * Eclipse IDE
- * Git (Git Bash)
- * Google APIs Client Library for Python: google-api-python-client
- * Google Cloud SDK: gcloud & datalab
- * JBoss KIE 7.12
- * Jupyter Notebook
- * Jupyter R kernel
- * keras
- * Maven
- * MongoDB Node.js npm
- * MySQL
- * nltk & nltk data : nltk.download('popular')
- * Orange
- * Orange3-Associate
- * pip
- * pip install face_recognition
- * Python 2.7 in conda environment: iss-env-py2
- * Python 3.6 in conda environment: iss-env-py3
- * R 3.6.1 in conda environment: iss-env-py3
- * pytorch
- * R 3.6.1
- * R Rattle
- * R Studio
- * Redis

- * Robotic Operating System (ROS) Kinetic
- * ROS Kinetic
- * scikit-learn
- * Sikuli: visual recognition to automate desktop applications
- * Solver (Nonlinear Programming / Genetic Algorithms) for LibreOffice
- * spaCy
- * Spyder
- * TagUI
- * TagUI-Python
- * tensorflow
- * Weka
- * wmctrl
- * xdotool

linux machine name	: iss-vm
linux user id	: iss-user
linux user password	: iss-user
anaconda python 3 environment	: iss-env-py3
anaconda python 2 environment	: iss-env-py2
MySQL user id	: iss-user
MySQL user password	: iss-user
MySQL root user id	: root
MySQL root user password	: iss-user

VirtualBox shared folder in guest (iss-vm linux) operating system:

/media/sf_vm_shared_folder

VirtualBox shared folder in host operating system:

E:\0020_vm_disk\vm_shared_folder

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