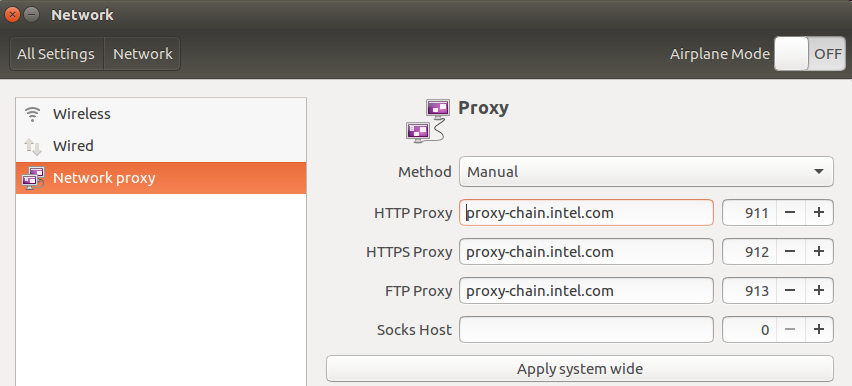
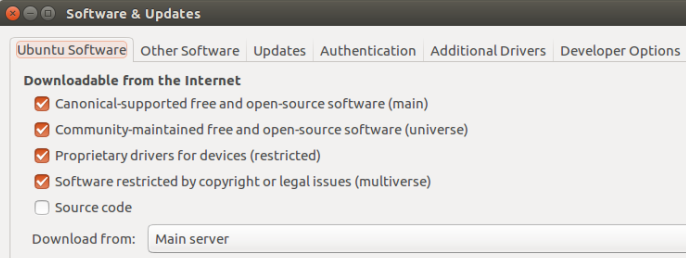
**How to use the Linux installer for Host/Main engine?**

1. Install clean Linux image that already contains:

* **Proxy settings** as follows:



* Refer to System **Settings->Software & Updates** and make sure that it configured as follows:



1. Copy the entire **Linux** folder with the following files within it:

* deploy\_config.json
* install\_Linux\_host.sh
* install\_Linux\_librealsense.sh
* install\_Linux\_main\_engine.sh
* setup\_for\_Linux.py

to the Linux machine that will start the installation from it

[using **setup\_for\_Linux.py**]) and paste it into any folder.

1. Refer to the configuration file: **deploy\_config.json** and configure the machine details that should be installed.

Please note:

* The role for **main\_engine** machine should be: **main\_engine**
* The role for **host** machine should be: **host**
* **version** tag: The related **GIT** branch version

Example of configuration file:

{

**"main": {**

**"role": "main\_engine",**

**"os": "ubuntu",**

**"name": "perclnx40",**

**"userName": "administrator",**

**"password": "trio\_012",**

**"ip": "143.185.122.171",**

**"version": "",**

**"target": ""**

**},**

**"perclnx96": {**

**"role": "host",**

**"os": "ubuntu",**

**"name": "perclnx40",**

**"userName": "administrator",**

**"password": "trio\_012",**

**"ip": "143.185.122.171",**

**"version": "v2.6.7",**

**}**

**}**

1. Since the installation process uses **SSH** commands the runner machine should contain the following configuration:

*Set StrictHostKeyChecking=no* in **/etc/ssh/ssh\_config** file, where it will be a global option used by every user on the server. Or you can use it on the command line:

# **ssh -o StrictHostKeyChecking=no -l $user $host**

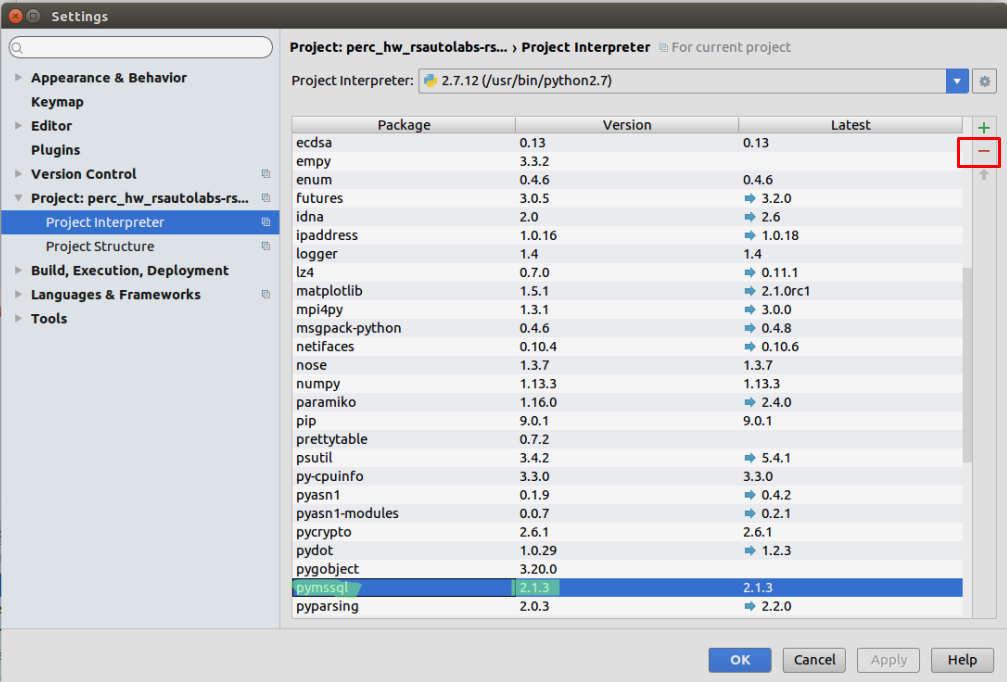
1. Refer to **Terminal** then type: **cd** <**The folder that you paste into it the Linux folder>\Linux** and press **Enter**.
2. Type: **python ./setup\_for\_Linux.py** and press **Enter**.
3. The installation process will take a while.
4. Make sure that there are no error messages during the installation process.
5. Refer to each installed machine and apply **Restart** operation.

**Please note:**

* The machine that requires installation should have configured host name and I.P address
* In case of getting the following error:
  + **Syntax error near unexpected token `$'{\r''**

Use the script to normalize \r\n from Dos to UNIX:

* **dos2unix script\_name.sh**
* The installed version of package **pymssql** should be: **2.1.3**. If it’s not the case, remove it from the pycharm:



Then refer to the Terminal and type: **sudo pip install pymssql**

* **Make sure that the default Linux kernel version is 98**