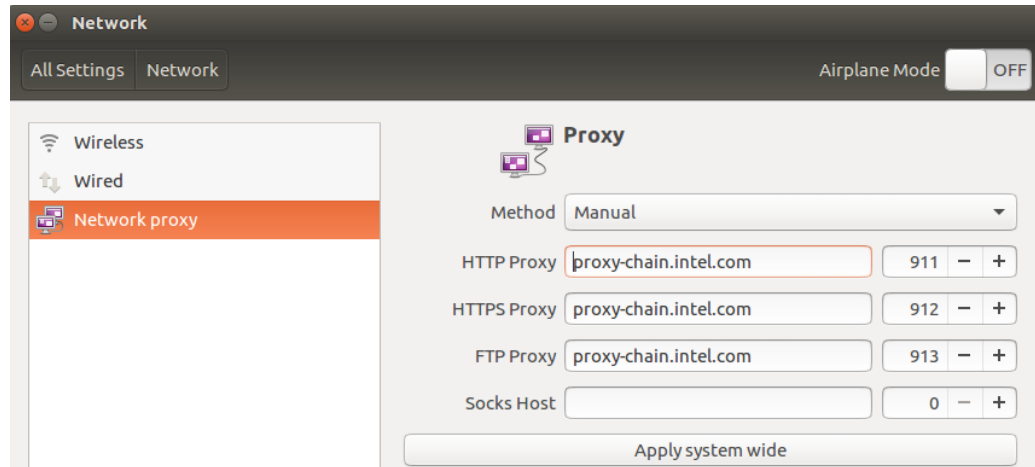


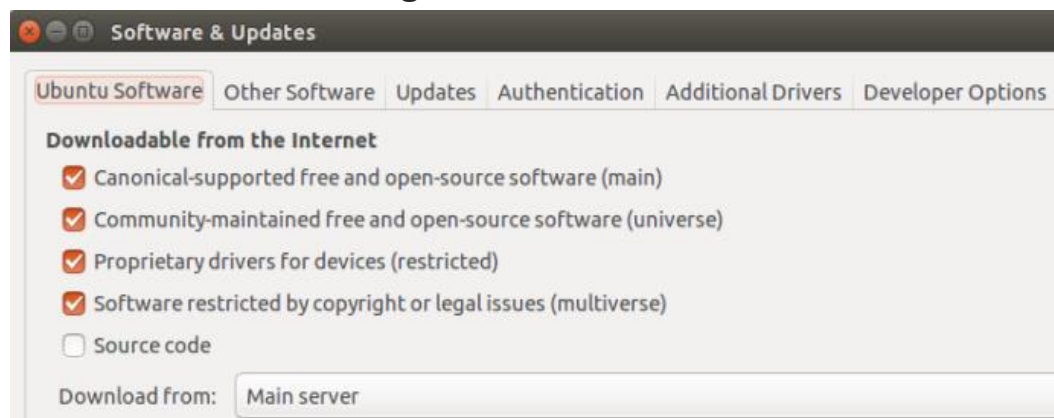
How to use the Linux installer for Host/Main engine?

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:



2. 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.

3. 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

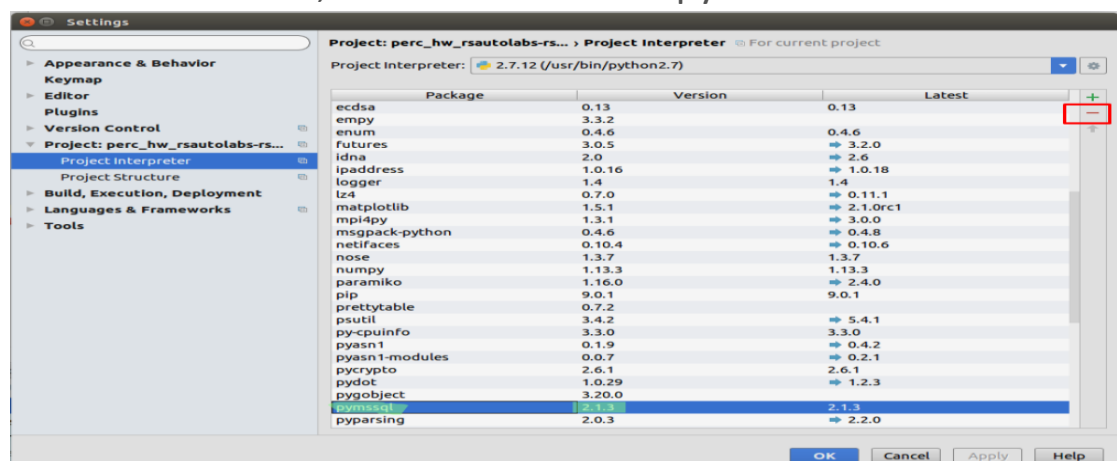
Example of configuration file:

```
{
  "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",
  }
}
```

4. 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
5. Refer to **Terminal** then type: **cd <The folder that you paste into it the Linux folder>\Linux** and press **Enter**.
6. Type: **python ./setup_for_Linux.py** and press **Enter**.
7. The installation process will take a while.
8. Make sure that there are no error messages during the installation process.
9. 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**