

## Install Libnetconf and Netopeer on Ubuntu 18.04

1. Check Ubuntu Version using the below command, If the release is 18.04 then follow the commands below to install Libnetconf and Netopeer

**lsb\_release -a**

```
root@fpga-Z370P-D3:~# lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 18.04.3 LTS
Release:        18.04
Codename:       bionic
root@fpga-Z370P-D3:~#
```

**git clone <https://github.com/CESNET/libnetconf.git>**

**sudo dpkg-reconfigure libdvd-pkg**

**sudo apt-get install libtool libtool-bin**

**sudo apt-get install libxml2-dev libxslt1-dev**

2. Use the following command and check if curl installed properly

**sudo apt install curl xsltproc**

**curl -v**

3. Follow the below commands:

**sudo apt-get install python-pip cmake**

**sudo apt-get install zlib1g-dev libssl-dev pkg-config**

**sudo pip install pyang**

4. Update the packages to latest version and install libssh

**sudo apt-get update -y**

**sudo apt-get install -y libssh-dev**

5. Install libnetconf , If you get version mismatch error saying "libtool: Version mismatch error. This is libtool 2.4.2, but the libtool: definition of this LT\_INIT comes from libtool 2.4.6. " then follow step 6 else skip to step 7

**cd ~/libnetconf**

**./configure**

**make**

**sudo make install**

**cd**

6. Follow below steps only when you get version mismatch error in step 5

**autoreconf --force --install**

**./configure**

**make**

**sudo make install**

**cd**

7. Build netopeet – server and Build netopeer-cli as mentioned in lesson9 slide 54
8. Run Netopeer-cli on ubuntu 18.04 by following the commands in lesson9 slide 55