

## Koha installation processes

- Koha community
- Download koha
- Installation current version
- Open terminal
  - Enter to root node by using system password
  - **\$ sudo su** – this command used for enter to root node
  - sudo apt-get update-** (To update the system)
  - sudo apt-get upgrade-** (to upgrade the system)
- Let choose stable version command to create Repository
- **echo 'deb <http://debian.koha-community.org/koha> stable main' | sudo tee /etc/apt/sources.list.d/koha.list**
- Set up package source by adding GPG key to your system  
**wget -q -O- <https://debian.koha-community.org/koha/gpg.asc> | sudo apt-key add –**
- Update the system before installing Koha  
**sudo apt-get update**
- Instal Koha:  
**sudo apt-get install koha-common**

If correct yes/no [y/n]

Choose y and press enter then start to install koha

- Edit network setting: used to fix code number (Interaport and OPACport)  
**sudo gedit /etc/koha/koha-sites.conf**
- Install the database: Either you can install MariaDB or MySQL
- Here we use the mySQL command to install database  
**sudo apt-get install mysql-server**

If correct yes/no [y/n]

Choose y and press enter then start to install database

- Set up Apache

**sudo a2enmod rewrite**

**sudo a2enmod cgi**

**sudo service apache2 restart**

Execute these of three Command by order to confirm apache

- Create a koha instance: it is used for only mysql locally

**sudo koha-create – create -db libraryname**

- Edit port in Apache: Apache port to config file

**sudo gedit /etc/apache2/ports.conf**

- Here fix the port number to Apache

- Disable Apache default site

**sudo a2dissite 000- default**

**sudo a2enmod deflate**

**sudo a2ensite library**

**sudo service apache2 restart**

- To get master Password: (By getting passwd to login koha administration)

**sudo koha-passwd library**