

Setting up “Xcos-on-cloud” on local system is divided in two parts, which are as follows:

Part 1 : Steps to build Scilab- 5.5.2 on Ubuntu 16.04:

- Open the “Software & Updates” utility of Ubuntu system. Under “Ubuntu Software”, check (enable) the “Source code” option. Close to save the settings.
- Update the system and install the dependencies using:
\$ sudo apt update
\$ sudo apt upgrade
\$ sudo apt build-dep scilab
\$ sudo apt install libgfortran3
- Download Scilab source folder from github :
https://github.com/FOSSEE/scilab_for_xcos_on_cloud
- Extract scilab_for_xcos_on_cloud, navigate through terminal inside that folder
- Configure using :
\$./configure --disable-static-system-lib
- Make using :
\$ make -j4
- Now run scilab using :
\$./bin/scilab

Part 2 : Installing Other Requirements and Running Xcos_on_cloud :

- Open terminal and type this command:
\$ sudo apt install python3-mysqldb python3-pip
- Download xcos_on_cloud project from github :
https://github.com/FOSSEE/xcos_on_cloud
- Extract xcos_on_cloud, navigate through terminal inside that folder
- Edit config.py and update the value of the SCILAB_DIR variable to the path of the extracted scilab_for_xcos_on_cloud.
- Type these commands :
\$ pip3 install -r requirements.txt
\$ make
- And type command :
\$ python3 SendLog.py
- Then open browser and type : <http://127.0.0.1:8001/>
- This will open xcos on cloud in browser.