

Lab 9 — YANG

- Study the GitHub [repository](#) Lesson 9
- Install pyang and PlantUML
- copy ~/iot/lesson9/intrusiondetection.yang to ~/demo
- Run pyang to generate intrusiondetection.yin and intrusiondetection.uml
- Run PlantUML to generate intrusiondetection.png

- ```

pi@raspberrypi:~/demo $ sudo pip3 install -U plantuml
Looking in indexes: https://pypi.org/simple, https://www.piwheels.org/simple
Collecting plantuml
 Downloading https://files.pythonhosted.org/packages/a9/1a/4603314acf466fdad91b7f6c83eb1364a7e279f9a8805febe3554f17f6/plantuml-0.3.0-py3-none-any.whl
Requirement already satisfied, skipping upgrade: httpLib2 in /usr/local/lib/python3.7/dist-packages (from plantuml) (20.4)
Requirement already satisfied, skipping upgrade: pyparsing!=3.0.0,!=3.0.1,!=3.0.2,!=3.0.3,<4,>=2.4.2; python_version >="3.0" in /usr/local/lib/python3.7/dist-packages (from httpLib2->plantuml) (3.0.8)
Installing collected packages: plantuml
Successfully installed plantuml-0.3.0
pi@raspberrypi:~/demo $ python3 -m plantuml intrusiondetection.uml
[['filename': 'intrusiondetection.uml', 'gen_success': True]]
pi@raspberrypi:~/demo $ ls
API_KEY.pickle intrusiondetection.yang rpidata-348316-0e3554e10cea.json system_info.py
intrusiondetection.png intrusiondetection.yin rpi_spreadsheet.py thingspeak_cpu_loop.py
intrusiondetection.uml __pycache__ rpi_spreadsheet.py.save thingspeak_feed.py
pi@raspberrypi:~/demo $
e only", CN=VeriSign Class 3 Public Primary Certification Authority - G4
Certificate added: C=US, O="VeriSign
e only", CN=VeriSign Class 3 Public
Certificate added: C=US, O="VeriSign
e only", CN=VeriSign Universal Root
Certificate added: C=US, OU=www.xr
ty
Certificate added: C=FR, O=Dhimyot
Certificate added: C=US, O="Entrus
ized use only", CN=Entrust Root Ce
Certificate added: C=US, O=Google
Certificate added: C=US, O=Google
Certificate added: C=US, O=Google
Certificate added: C=HK, S=Hong Ko
Certificate added: C=CN, O=UniTrus
Certificate added: C=CN, O=UniTrus
Certificate added: C=US, OU=emSign
Certificate added: C=IN, OU=emSign
Certificate added: C=IN, OU=emSign
137 new root certificates were add
Import process completed.
Done
done.
pi@raspberrypi:~ $ cd ~/demo/
pi@raspberrypi:~/demo $ ls
API_KEY.pickle intrusiond
intrusiond
intrusiondetection.uml __pycache__
pi@raspberrypi:~/demo $ pinta intrusiondetection.png

```



