**6.107 Installing Celery**

pip install -U "celery[redis]==5.0.5

pip install redis==3.5.3

pip install Pillow==7.2.0

sudo apt-get install redis

/etc/init.d/redis-server start

/usr/local/bin/redis-server

**6.109 Simple Celery Example**

mkdir simple\_celery

cd simple\_celery

touch simple\_task.py

**simple\_task.py**

from celery import Celery

import time

import random

app = Celery('simple\_task', broker='redis://localhost/', backend= 'redis://localhost/')

@app.task

def wait():

wait\_time = random.random() \* 5

time.sleep(wait\_time)

return "I waited for "+str(wait\_time)+" seconds"

**terminal 2**

cd topic6/simple\_celery

export C\_FORCE\_ROOT=True

celery -A simple\_task worker –loglevel=info

**terminal 3**

cd topic6/simple\_celery

python

from simple\_task import wait

wait.delay()

result = wait.delay()

result.state

**simple\_task.py**

@app.task

def greater\_than(x, y):

if x > y:

return x

else:

return y

**terminal 3**

from simple\_task import greater\_than

result = greater\_than.delay(12, 14)

result.get()