<https://github.com/tensorflow/models/tree/master/research/object_detection>

Installation

# 先下载models 如：存放在 /home/wu/tf\_models/

git clone https://github.com/tensorflow/models.git

# For CPU

pip3 install tensorflow

# For GPU

pip3 install tensorflow-gpu

sudo apt-get install protobuf-compiler

sudo pip3 install pillow

sudo pip3 install lxml

sudo pip3 install jupyter

# 启动jupyter 输入 jupyter notebook

sudo pip3 install matplotlib

cd /home/wu/tf\_models/models/research/

protoc object\_detection/protos/\*.proto --python\_out=.

cd /home/wu/tf\_models/models/research/

vim ~/.bashrc

写入

export PYTHONPATH=$PYTHONPATH:'/home/wu/tf\_models/models/research':'/home/wu/tf\_models/models/research/slim'

bash

# 测试

python3 object\_detection/builders/model\_builder\_test.py

"""

Ran 7 tests in 0.016s

OK

"""