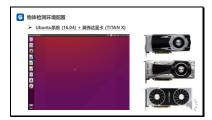


#### 幻灯片 2







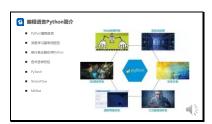
#### 幻灯片 5







#### 幻灯片 8







https://zhuanlan.zhihu.com/p/3 2925500

#### 幻灯片 11







#### 幻灯片 14







## 幻灯片 17







## 幻灯片 20





- conda create --name detectron2 python=3.6
- conda activate detectron2

#### 幻灯片 23



## 幻灯片 24



 conda install pytorch torchvision cudatoolkit=10.1 c pytorch



#### 幻灯片 26



 conda install --channel https://conda.anaconda.org/ menpo opencv3

## 幻灯片 27

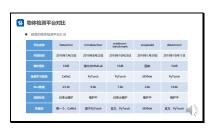


 pip install cython; pip install -U
 'git+https://github.com/cocod
 ataset/cocoapi.git#subdirector
 y=PythonAPI'



## 幻灯片 29







## 幻灯片 32







#### 幻灯片 35



https://github.com/facebookrese arch/detectron2





## 幻灯片 38







#### 幻灯片 41

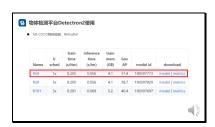






#### 幻灯片 44







- conda activate detectron2
- cd ./detectron2/demo
- python demo.py --config-file ../configs/COCO-Detection/retinanet\_R\_50\_FP N\_1x.yaml --input 000000000785.jpg [--other-options] --opts MODEL.WEIGHTS detectron2://COCO-Detection/retinanet\_R\_50\_FP N\_1x/190397773/model\_final\_bfca0b.pkl

#### 幻灯片 47



- conda activate detectron2
- cd ./detectron2
- python ./tools/train\_net.py -config-file ./configs/COCODetection/retinanet\_R\_50\_FP
  N\_1x.yaml --eval-only
  MODEL.WEIGHTS
  detectron2://COCODetection/retinanet\_R\_50\_FP
  N\_1x/190397773/model\_final
  \_bfca0b.pkl





#### 幻灯片 50







## 幻灯片 53







#### 幻灯片 56







## 幻灯片 59







## 幻灯片 62







#### 幻灯片 65







#### 幻灯片 68



--config-file ./configs/COCO-Detection/retinanet\_R\_50\_FPN\_ 1x.yaml --eval-only MODEL.WEIGHTS detectron2://COCO-Detection/retinanet\_R\_50\_FPN\_ 1x/190397773/model\_final\_bfca 0b.pkl





## 幻灯片 71





