yolov8□□□□

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https://docs.ultralytics.com/

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```
# □□□□□□□□□□
# https://pypi.tuna.tsinghua.edu.cn/simple/

# □□□□□□□□□□
pip list

# □□□□
pip uninstall <package-Name>

# □□opencv
pip install python-opencv -i https://pypi.tuna.tsinghua.edu.cn/simple/

# □□opencv □□
pip install opencv-contrib-python  -i https://pypi.tuna.tsinghua.edu.cn/simple/

# □□pytorch
# https://pytorch.org/get-started/locally/
pip install torch torchvision torchaudio -i https://pypi.tuna.tsinghua.edu.cn/simple/

# □□yolov8
# https://docs.ultralytics.com/quickstart/
pip install ultralytics -i https://pypi.tuna.tsinghua.edu.cn/simple/
```

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```
# □□□□□
yolo TASK MODE ARGS
```

```
# TASK[ detect : [], [segment [], [classify [], [pose []
# MODE [ train: [], [ val[], [ predict[]/[], [ export: [], [ track: []
```

```
# []yolov8n.pt []
yolo detect predict model=". /yolo/yolov8n.pt" source=". /images/1.jpg"
```




```
# []yolov8n-seg.pt []
yolo segment predict model=". /yolo/yolov8n-seg.pt" source=". /images/1.jpg"
```



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```
# □□coco128□□□□□□□□□
yolo detect train data=./yolo/coco128.yaml model=./yolo/yolov8n.pt epochs=100 imgsz=640
```

```
# □□□□□□□□yaml□□□□
# □□□□□https://github.com/ultralytics/ultralytics/tree/main/ultralytics/cfg/datasets
# coco128□□□

path: ../datasets/coco128 # dataset root dir
train: images/train2017 # train images (relative to 'path') 128 images
val: images/train2017 # val images (relative to 'path') 128 images
test: # test images (optional)

# Classes
names:
  0: person
  1: bicycle

download: https://ultralytics.com/assets/coco128.zip
```

python□□

```
from ultralytics import YOLO


model = YOLO('./yolo/yolov8n.pt')  # load a pretrained model (recommended for training)
results = model.train(data='./images/coco128.yaml', epochs=100, imgsz=640)
```

□□□ #4
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