

Copy of YOLOv6 Tutorial

File Edit View Insert Runtime Tools Help Saving failed since 4:17 PM

RAM 100% Disk 100%

Files

- genelGoruntu
 - trainTray
 - images
 - labels
 - yolov6
 - classify
 - data
 - models
 - runs
 - detect
 - exp
 - exp2
 - crops
 - 20221006_120233...
 - 20221006_17413...
 - 20221007_17352...
 - 20221008_18051...
 - 20221009_17194...
 - 20221010_18065...
 - 20221010_18092...
 - 20221011_12463...
 - 20221011_17534...
 - 20221012_13105...
 - 20221012_13105...

Code + Text

```
[13] Image 103/106 /content/genelGoruntu/ZHG-20221106-ua0001.jpg: 640x480 1 tray, 10
Image 104/106 /content/genelGoruntu/ZHG-20221106-ua0004.jpg: 384x640 1 tray, 8
Image 105/106 /content/genelGoruntu/ZHG-20221106-ua0012.jpg: 480x640 2 trays, 1
Image 106/106 /content/genelGoruntu/ZHG-20221107-ua0001.jpg: 384x640 1 tray, 8
Speed: 0.5ms pre-process, 9.3ms inference, 1.0ms NMS per image at shape (1, 3,
Results saved to runs/detect/exp2
```

from google.colab import files
files.download('runs/detect/exp2')

Downloading 'exp2':

```
[20] from google.colab import files  
files.download('runs/detect/exp2/crops/tray')
```

Downloading 'tray':

```
[ ] from google.colab import drive  
drive.mount('/content/drive')
```

Mounted at /content/drive

```
[ ] results.save()
```

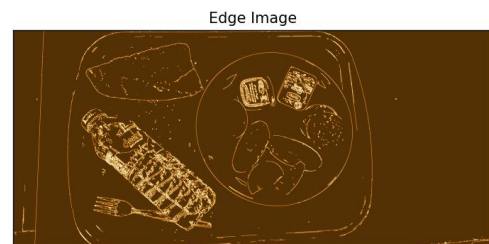
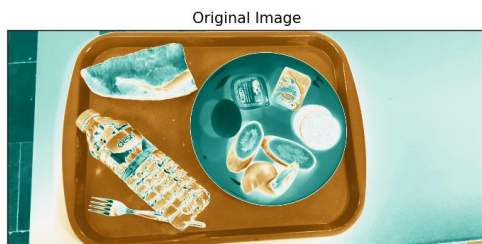
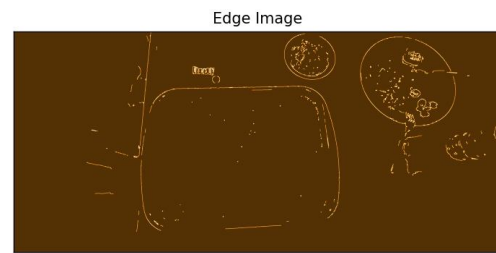
Traceback (most recent call last)

```
<ipython-input-16-eb58bbab7314> in <module>
----> 1 results.save()

NameError: name 'results' is not defined
```

SEARCH STACK OVERFLOW

val_batch0_pred.jpg 20221006_174131.jpg 20221006_120233.jpg 20221010_180650.jpg X



```
: dir_path = 'C:/Users/ASUS/Desktop/dnm'

for i in os.listdir(dir_path):
    img = image.load_img(dir_path + '/' + i, target_size=(200,200))

    X = image.img_to_array(img)
    X = np.expand_dims(X, axis=0)
    images = np.vstack([X])
    val = model.predict(images)
    if val ==0:
        print("aksam")
    else:
        print("sabah")
```

```
1/1 [=====] - 0s 52ms/step
aksam
1/1 [=====] - 0s 46ms/step
aksam
1/1 [=====] - 0s 45ms/step
aksam
1/1 [=====] - 0s 46ms/step
aksam
```

Implementing Template Matching

Figure 1

cv.TM_CCOEFF

Matching Result



Detected Point

