

important Functions

```
importer.ImportCoco(r"file path.json")
```

```
export.ExportToCoco(r"file path.json")
```

```
importer.ImportYoloV5(r"folder path")
```

```
export.ExportToYoloV5(r"folder path")
```

```
export.ExportToVoc(r"folder path")
```

```
importer.ImportVOC(r"folder path")
```

In [1]:  `#install library`
`!pip install pylabel`

1.3)

Requirement already satisfied: nbconvert in c:\users\microsoft\anaconda3\lib\site-packages (from notebook>=4.4.1->widgetsnbextension~=3.5.0->ipywidgets>=7.0.0->jupyter-bbox-widget->pylabel)

(6.4.4)


Requirement already satisfied: Send2Trash>=1.8.0 in c:\users\microsoft\anaconda3\lib\site-packages (from notebook>=4.4.1->widgetsnbextension~=3.5.0->ipywidgets>=7.0.0->jupyter-bbox-widget->pylabel) (1.8.0)

Requirement already satisfied: pywinpty>=1.1.0 in c:\users\microsoft\anaconda3\lib\site-packages (from terminado>=0.8.3->notebook>=4.4.1->widgetsnbextension~=3.5.0->ipywidgets>=7.0.0->jupyter-bbox-widget->pylabel) (2.0.2)

Requirement already satisfied: argon2-cffi-bindings in c:\users\microsoft\anaconda3\lib\site-packages (from argon2-cffi->notebook>=4.4.1->widgetsnbextension~=3.5.0->ipywidgets>=7.0.0->jupyter-bbox-widget->pylabel) (21.2.0)

Requirement already satisfied: cffi>=1.0.1 in c:\users\microsoft\anaconda3\lib\site-packages (from argon2-cffi-bindings->argon2-cffi->notebook>=4.4.1->widgetsnbextension~=3.5.0->ipywidgets>=7.0.0->jupyter-bbox-widget->pylabel) (1.15.1)

Coco --> yolov5

In [12]:  `from pylabel import importer`
`#this file contains dataset annotation not one image annotation!`
`#يعني فايل الجيسون ده جواه احداثيات كذا صورة مش صورة واحدة`
`#عملت متغير اخزن فيه اللي هقرأه من ملف الجيسون`
`dataset = importer.ImportCoco(r"C:\Users\Microsoft\Desktop\data\coco\coco.json")`

```
In [13]: ▶ #folder contain files..each file contain only one image annotation
#اديتله المكان اللي عايزة احط فيه الحاجة بعد التحويل
#بس خد بالك
#هنا هيطلعلي فايلز على حسب عدد الصور .. لو انا كنت عاملة#
#label
#لكذا 5 صور مثلاً فهلاقي عندي جوه الفولدر 5 فايلات تيكست
dataset.export.ExportToYoloV5(r"C:\Users\Microsoft\Desktop\data\coco\y
```

```
Exporting YOLO files...: 0%|
| 0/3 [00:00<?, ?it/s]
Exporting YOLO files...: 100%|
| 3/3 [00:00<00:00, 8.82it/s]
```

```
Out[13]: ['C:\\Users\\Microsoft\\Desktop\\data\\coco\\dataset.yaml',
          'C:\\Users\\Microsoft\\Desktop\\data\\coco\\yolo\\IMG_20240125_0708
          55.txt',
          'C:\\Users\\Microsoft\\Desktop\\data\\coco\\yolo\\IMG_20240125_0710
          42.txt',
          'C:\\Users\\Microsoft\\Desktop\\data\\coco\\yolo\\IMG_20240125_1547
          55.txt']
```

Yolo --> pascal voc

```
In [5]: #folder contain text files with its annotation + images
dataset1 = importer.ImportYoloV5(r"C:\Users\Microsoft\Desktop\conversi
```

```
Importing YOLO files...: 0%|
| 0/10 [00:00<?, ?it/s]
Importing YOLO files...: 20%|
| 2/10 [00:00<00:01, 7.50it/s]
Importing YOLO files...: 60%|
| 6/10 [00:00<00:00, 15.36it/s]
Importing YOLO files...: 100%|
| 10/10 [00:00<00:00, 16.28it/s]
```