

# LICENSE NOTICES

**pyppbbox** is an open-source Python toolbox which was originally made for the **PoseTReID** framework. This toolbox features 3 main modules: People Detection module, People Tracking module, and People Re-identifying module. These modules support a bunch of well-known people detectors, trackers, and re-identifiers which can be used separately or put together with only a few lines of code.

All modules, which are featured in this edition of pyppbbox, are presented in the table 1 below.

Table 1: Details of Modules

Type	Name	License	URL
Detector	YOLO v2	Public	<a href="https://github.com/pjreddie/darknet">https://github.com/pjreddie/darknet</a>
	YOLO v3	Public	<a href="https://github.com/pjreddie/darknet">https://github.com/pjreddie/darknet</a>
	YOLO v4	Public	<a href="https://github.com/AlexeyAB/darknet">https://github.com/AlexeyAB/darknet</a>
	OpenPose	Complicated	<a href="#">Please refer to its license here!</a>
Tracker	Centroid	GPL v3.0	We wrote our own code and decided for GPL 3.0 <a href="https://github.com/abewley/sort">https://github.com/abewley/sort</a> <a href="https://github.com/nwojke/deep_sort">https://github.com/nwojke/deep_sort</a>
	SORT	GPL v3.0	
	DeepSORT	GPL v3.0	
Re-identifier	FaceNet	MIT	<a href="https://github.com/davidsandberg/facenet">https://github.com/davidsandberg/facenet</a>
	Torchreid	MIT	<a href="https://github.com/KaiyangZhou/deep-person-reid">https://github.com/KaiyangZhou/deep-person-reid</a>

## Related Datasets

All datasets, which were used in some pretrained models of some modules in **pyppbbox**, are presented in table 2 below.

Table 2: Datasets and Details

Name	URL
COCO	<a href="https://cocodataset.org/#termsofuse">https://cocodataset.org/#termsofuse</a>
MOTChallenge	<a href="https://motchallenge.net/">https://motchallenge.net/</a>
VGGFace2	<a href="https://www.robots.ox.ac.uk/~vgg/data/vgg_face/">https://www.robots.ox.ac.uk/~vgg/data/vgg_face/</a>
Market-1501	<a href="https://zheng-lab.cecs.anu.edu.au/Project/project_reid.html">https://zheng-lab.cecs.anu.edu.au/Project/project_reid.html</a>
CUHK01-03	<a href="https://www.ee.cuhk.edu.hk/~xgwang/CUHK_identification.html">https://www.ee.cuhk.edu.hk/~xgwang/CUHK_identification.html</a>
DukeMTMC-reID	<a href="https://exposing.ai/duke_mtmc">https://exposing.ai/duke_mtmc</a>
MSMT17	<a href="https://www.pkumc.com/dataset.html">https://www.pkumc.com/dataset.html</a>

**Note:** Some modules of **Torchreid** use some pretrained models or weights which were trained on a dataset (DukeMTMC-reID) which is already restricted or retraced.