
YOLO PyTorch Evaluation

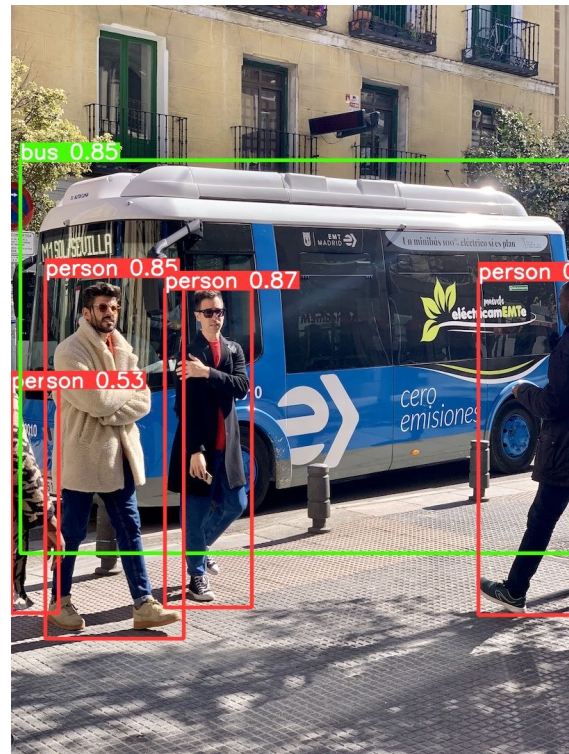
— Jie Gao —

What is Yolo

YOLO PyTorch is an application built using the PyTorch framework. It is neither a programming tool nor a middleware. It is an end-to-end object detection solution that can be easily integrated into other applications and pipelines.

In this evaluation, we explore the performance, accuracy, and usability of the YOLO PyTorch implementation, as well as its relevance to specific use cases in science and engineering. We also provide example code, pre-trained models, and sample datasets to help users get started with using YOLO PyTorch for their own projects.

Image Detection



Goals for the Project

Parallel the detection process of the project.

Right Now the detection take 5 mins to process a 30 seconds video.

By parallel the code and run it on 4 node the time will be reduce to 1 min 15 seconds.

References

<https://github.com/ultralytics/yolov5>