

Start of project

Download COCO 2017 annotations and first 20 coco images

Setup.py > Testing label files

Setup.py > Create setup files

Setup.py > Testing setup files

transforms.py + augmentations.py > Figure out transform functions were taking in the wrong kinds of input

- Change parameters of transforms from 2 separate variables to a tuple

setup.py + datasets.py > label experimentation

loss.py + test.py + train.py + datasets.py + transforms.py + augmentations.py + test.py > debugging prints added for various variables

loss.py > experimenting with anchors, variables were looking for coordinates in wrong indexes of the bounding box variables, many many debugging prints, etc...

Finally mAP during validation showed something besides 0

requirements.txt > update to allow pip install -r to actually get all dependencies

loss.py + test.py + train.py + datasets.py + transforms.py + augmentations.py + test.py > cleaned up debugging prints

Tested detect.py, nothing was detecting properly...

Experiment on Google Colab (for when either no available Sharcnet cluster or no access to Sharcnet)

Diverge

Testing using larger dataset

setup.py > Testing using better multithreaded setup.py

loss.py > Testing filtering targets

Converge, it is now working with Chao's work albeit seemingly shifted and a bit inaccurate.