Tools

Walkthrough

In this directory multiple utility scripts are provided.

`convert_to_voc_annotations.py` processed ExDark default annotations and converts them to VOC xml format.

`download_voc.py` provides torchvision download script for VOC dataset used in this project.

`gan_dataset_creator_voc.py` helps with creating the *target* dataset for GAN training from the PASCAL VOC dataset

`summary_statistics.py` is used to create Table 1 in the report by summarizing the dataset.

`utils_fn.py` contains a collection of utilities used to process datasets and transfer images.

All of these functions are implemented specifically to deal with the ExDark dataset, SSD and EnlightenGAN approaches.