

On going process

◆ Training deep learning neural network

- At last time, RefineDet + ResNet101 had 27.12 mAP (from scratch)
- YOLOv3 + Darknet59: **36.60 mAP**
- **RefineDet + ResNet101 & RefineDet + VGG16 are training**
- Reducing training & validation data set to check feasibility of proposed algorithm
 - Around 4~5 days is required to obtain the results
 - Until now, a total of 1218 images were used for training, but it may be changed to be 609 images.
 - After the proposed algorithm works properly, then enlarge the data set and re-train.