

Python 3.6.5 |Anaconda custom (64-bit)| (default, Mar 29 2018, 13:32:41) [MSC v.1900 64 bit (AMD64)]

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IPython 6.4.0 -- An enhanced Interactive Python.

Restarting kernel...

```
In [1]: runfile('E:/deep-learning_projects/pascal-voc-classification/src/main.py',  
wdir='E:/deep-learning_projects/pascal-voc-classification/src')
```

Available device = cuda

-----Epoch 1-----

100%|██████████| 179/179 [02:04<00:00, 1.44it/s]

train_loss: 3.1856, train_avg_precision:0.737

100%|██████████| 971/971 [01:38<00:00, 9.89it/s]

val_loss: 2.4299, val_avg_precision:0.825

-----Epoch 2-----

100%|██████████| 179/179 [02:05<00:00, 1.43it/s]

train_loss: 2.0804, train_avg_precision:0.859

100%|██████████| 971/971 [01:43<00:00, 9.38it/s]

val_loss: 2.2577, val_avg_precision:0.845

-----Epoch 3-----

100%|██████████| 179/179 [02:05<00:00, 1.43it/s]

train_loss: 1.7717, train_avg_precision:0.890

100%|██████████| 971/971 [01:39<00:00, 9.71it/s]

val_loss: 2.3492, val_avg_precision:0.844

-----Epoch 4-----

100%|██████████| 179/179 [02:06<00:00, 1.41it/s]

train_loss: 1.5641, train_avg_precision:0.913

100%|██████████| 971/971 [01:44<00:00, 9.29it/s]

val_loss: 2.1363, val_avg_precision:0.866

-----Epoch 5-----

100%|██████████| 179/179 [02:13<00:00, 1.34it/s]

train_loss: 1.2569, train_avg_precision:0.940

100%|██████████| 971/971 [01:40<00:00, 9.63it/s]

val_loss: 2.2035, val_avg_precision:0.861

-----Epoch 6-----

100%|██████████| 179/179 [02:08<00:00, 1.39it/s]

train_loss: 1.0287, train_avg_precision:0.957

100%|██████████| 971/971 [01:42<00:00, 9.50it/s]

val_loss: 2.1505, val_avg_precision:0.881

-----Epoch 7-----

100%|██████████| 179/179 [02:13<00:00, 1.34it/s]

train_loss: 0.8167, train_avg_precision:0.974

100%|██████████| 971/971 [01:47<00:00, 8.99it/s]

val_loss: 1.9294, val_avg_precision:0.887

-----Epoch 8-----

100%|██████████| 179/179 [02:07<00:00, 1.40it/s]

train_loss: 0.6665, train_avg_precision:0.982

100%|██████████| 971/971 [01:34<00:00, 10.24it/s]

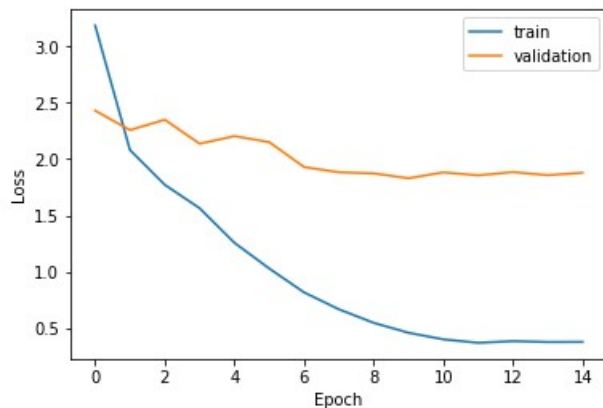
val_loss: 1.8827, val_avg_precision:0.901

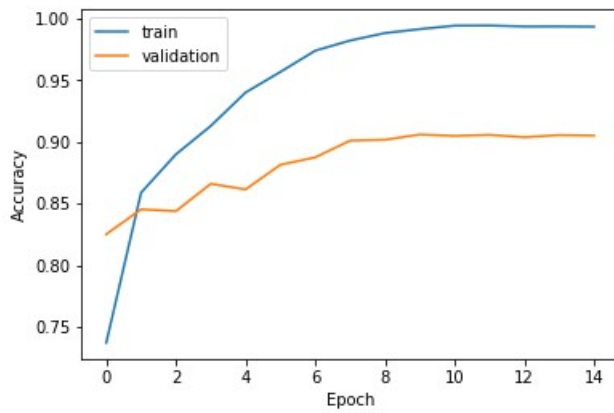
-----Epoch 9-----

```

100%|██████████| 179/179 [02:02<00:00, 1.46it/s]
train_loss: 0.5464, train_avg_precision:0.988
100%|██████████| 971/971 [01:34<00:00, 10.24it/s]
val_loss: 1.8731, val_avg_precision:0.902
-----Epoch 10-----
100%|██████████| 179/179 [02:03<00:00, 1.45it/s]
train_loss: 0.4583, train_avg_precision:0.991
100%|██████████| 971/971 [01:34<00:00, 10.30it/s]
val_loss: 1.8297, val_avg_precision:0.906
-----Epoch 11-----
100%|██████████| 179/179 [02:03<00:00, 1.45it/s]
train_loss: 0.4000, train_avg_precision:0.994
100%|██████████| 971/971 [01:34<00:00, 10.23it/s]
val_loss: 1.8821, val_avg_precision:0.905
-----Epoch 12-----
100%|██████████| 179/179 [02:03<00:00, 1.45it/s]
train_loss: 0.3692, train_avg_precision:0.994
100%|██████████| 971/971 [01:35<00:00, 10.18it/s]
val_loss: 1.8553, val_avg_precision:0.906
-----Epoch 13-----
100%|██████████| 179/179 [02:06<00:00, 1.41it/s]
train_loss: 0.3837, train_avg_precision:0.994
100%|██████████| 971/971 [01:38<00:00, 9.85it/s]
val_loss: 1.8847, val_avg_precision:0.904
-----Epoch 14-----
100%|██████████| 179/179 [02:06<00:00, 1.42it/s]
train_loss: 0.3762, train_avg_precision:0.994
100%|██████████| 971/971 [01:38<00:00, 9.85it/s]
val_loss: 1.8567, val_avg_precision:0.906
-----Epoch 15-----
100%|██████████| 179/179 [02:04<00:00, 1.43it/s]
train_loss: 0.3770, train_avg_precision:0.993
100%|██████████| 971/971 [01:38<00:00, 9.85it/s]
val_loss: 1.8788, val_avg_precision:0.905

```



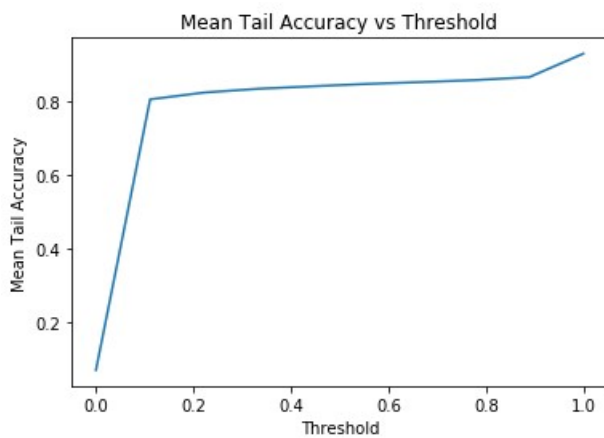


Evaluating model on test set

Loading best weights

100%|██████████| 1941/1941 [08:20<00:00, 3.88it/s]

test_loss: 1.6552, test_avg_precision:0.916



In [2]: