

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 [02:14<00:00, 1.33it/s]

train_loss: 3.2174, train_avg_precision:0.737

100%|██████████| 971/971 [01:39<00:00, 9.78it/s]

val_loss: 2.4340, val_avg_precision:0.816

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

100%|██████████| 179/179 [02:12<00:00, 1.35it/s]

train_loss: 2.1407, train_avg_precision:0.856

100%|██████████| 971/971 [01:38<00:00, 9.88it/s]

val_loss: 2.2821, val_avg_precision:0.842

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

100%|██████████| 179/179 [02:11<00:00, 1.36it/s]

train_loss: 1.8460, train_avg_precision:0.885

100%|██████████| 971/971 [01:41<00:00, 9.52it/s]

val_loss: 2.2627, val_avg_precision:0.852

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

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

train_loss: 1.6387, train_avg_precision:0.905

100%|██████████| 971/971 [02:01<00:00, 8.02it/s]

val_loss: 1.9901, val_avg_precision:0.881

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

100%|██████████| 179/179 [02:11<00:00, 1.36it/s]

train_loss: 1.3770, train_avg_precision:0.930

100%|██████████| 971/971 [01:39<00:00, 9.73it/s]

val_loss: 1.9705, val_avg_precision:0.885

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

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

train_loss: 1.1366, train_avg_precision:0.951

100%|██████████| 971/971 [01:40<00:00, 9.67it/s]

val_loss: 1.8981, val_avg_precision:0.892

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

100%|██████████| 179/179 [02:05<00:00, 1.42it/s]

train_loss: 0.9440, train_avg_precision:0.965

100%|██████████| 971/971 [01:43<00:00, 9.40it/s]

val_loss: 1.9139, val_avg_precision:0.894

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

100%|██████████| 179/179 [02:06<00:00, 1.42it/s]

train_loss: 0.8089, train_avg_precision:0.973

100%|██████████| 971/971 [01:45<00:00, 9.23it/s]

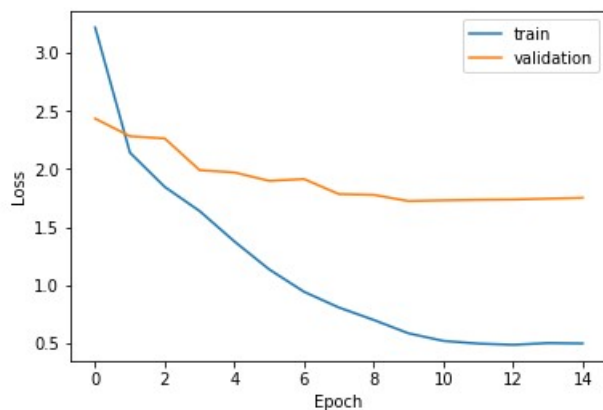
val_loss: 1.7842, val_avg_precision:0.903

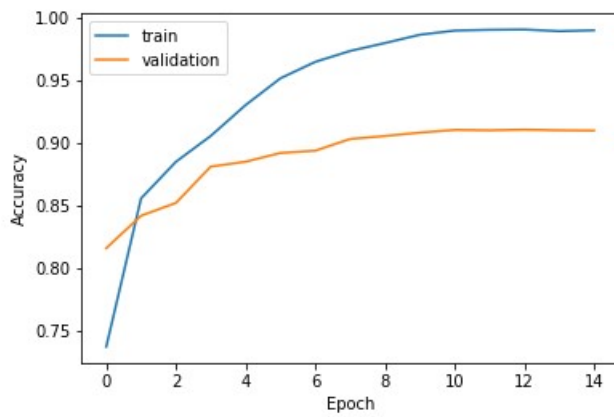
-----Epoch 9-----

```

100%|██████████| 179/179 [02:07<00:00, 1.41it/s]
train_loss: 0.7021, train_avg_precision:0.980
100%|██████████| 971/971 [01:41<00:00, 9.55it/s]
val_loss: 1.7780, val_avg_precision:0.905
-----Epoch 10-----
100%|██████████| 179/179 [02:06<00:00, 1.42it/s]
train_loss: 0.5868, train_avg_precision:0.986
100%|██████████| 971/971 [01:41<00:00, 9.53it/s]
val_loss: 1.7244, val_avg_precision:0.908
-----Epoch 11-----
100%|██████████| 179/179 [02:04<00:00, 1.44it/s]
train_loss: 0.5216, train_avg_precision:0.990
100%|██████████| 971/971 [01:36<00:00, 10.04it/s]
val_loss: 1.7308, val_avg_precision:0.910
-----Epoch 12-----
100%|██████████| 179/179 [02:03<00:00, 1.44it/s]
train_loss: 0.4987, train_avg_precision:0.990
100%|██████████| 971/971 [01:37<00:00, 9.93it/s]
val_loss: 1.7352, val_avg_precision:0.910
-----Epoch 13-----
100%|██████████| 179/179 [02:04<00:00, 1.44it/s]
train_loss: 0.4881, train_avg_precision:0.990
100%|██████████| 971/971 [01:38<00:00, 9.87it/s]
val_loss: 1.7376, val_avg_precision:0.910
-----Epoch 14-----
100%|██████████| 179/179 [02:04<00:00, 1.44it/s]
train_loss: 0.5030, train_avg_precision:0.989
100%|██████████| 971/971 [01:36<00:00, 10.11it/s]
val_loss: 1.7451, val_avg_precision:0.910
-----Epoch 15-----
100%|██████████| 179/179 [02:03<00:00, 1.45it/s]
train_loss: 0.4996, train_avg_precision:0.990
100%|██████████| 971/971 [01:34<00:00, 10.23it/s]
val_loss: 1.7523, val_avg_precision:0.910

```



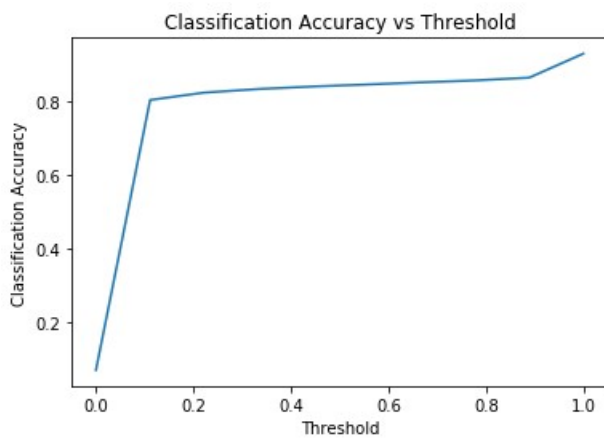


Evaluating model on test set

Loading best weights

100%|██████████| 1941/1941 [08:14<00:00, 3.92it/s]

test_loss: 1.5953, test_avg_precision:0.920



In [2]: