1 ssh://root@103.254.67.181:10006/usr/bin/python -u /home/sunfengzhen/pycharm/end-to-end-for-chinese-plate-recognition/keras_train_test.py

2 Using TensorFlow backend.

3 Epoch 1/5

4 2019-07-08 06:37:55.421119: I tensorflow/core/platform/cpu_feature_guard.cc:141] Your CPU supports instructions that this TensorFlow binary was not compiled to use: AVX2 FMA

5 2019-07-08 06:37:55.675210: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1432] Found device 0 with properties:

6 name: GeForce GTX 1080 Ti major: 6 minor: 1 memoryClockRate(GHz): 1.582

7 pciBusID: 0000:82:00.0

8 totalMemory: 10.92GiB freeMemory: 10.76GiB

9 2019-07-08 06:37:55.675279: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1511] Adding visible gpu devices: 0

10 2019-07-08 06:37:56.032397: I tensorflow/core/common_runtime/gpu/gpu_device.cc:

```
10  982] Device interconnect StreamExecutor
    with strength 1 edge matrix:
11  2019-07-08 06:37:56.032461: I tensorflow
    /core/common_runtime/gpu/gpu_device.cc:
    988]      0
12  2019-07-08 06:37:56.032473: I tensorflow
    /core/common_runtime/gpu/gpu_device.cc:
    1001] 0:    N
13  2019-07-08 06:37:56.032816: I tensorflow
    /core/common_runtime/gpu/gpu_device.cc:
    1115] Created TensorFlow device (/job:
    localhost/replica:0/task:0/device:GPU:0
    with 10409 MB memory) -> physical GPU (
    device: 0, name: GeForce GTX 1080 Ti,
    pci bus id: 0000:82:00.0, compute
    capability: 6.1)
14   - 747s - loss: 10.1772 - c1_loss: 1.
    2365 - c2_loss: 0.6256 - c3_loss: 0.9712
     - c4_loss: 1.2554 - c5_loss: 1.6752 -
    c6_loss: 2.2032 - c7_loss: 2.2101 -
    c1_acc: 0.6620 - c2_acc: 0.8293 - c3_acc
    : 0.7306 - c4_acc: 0.6430 - c5_acc: 0.
    5360 - c6_acc: 0.4070 - c7_acc: 0.3985
     - val_loss: 2.8911 - val_c1_loss: 0.
```

14 1716 - val_c2_loss: 0.0231 - val_c3_loss: 0.0717 - val_c4_loss: 0.1993 - val_c5_loss: 0.4745 - val_c6_loss: 1.0144 - val_c7_loss: 0.9366 - val_c1_acc: 0.9564 - val_c2_acc: 0.9958 - val_c3_acc: 0.9827 - val_c4_acc: 0.9434 - val_c5_acc: 0.8669 - val_c6_acc: 0.7253 - val_c7_acc: 0.7473

15 Epoch 2/5

16 - 761s - loss: 2.6576 - c1_loss: 0.1868 - c2_loss: 0.0282 - c3_loss: 0.0764 - c4_loss: 0.1741 - c5_loss: 0.4336 - c6_loss: 0.9320 - c7_loss: 0.8264 - c1_acc: 0.9454 - c2_acc: 0.9931 - c3_acc: 0.9786 - c4_acc: 0.9494 - c5_acc: 0.8769 - c6_acc: 0.7476 - c7_acc: 0.7724 - val_loss: 1.5091 - val_c1_loss: 0.0880 - val_c2_loss: 0.0112 - val_c3_loss: 0.0263 - val_c4_loss: 0.0698 - val_c5_loss: 0.2202 - val_c6_loss: 0.5792 - val_c7_loss: 0.5144 - val_c1_acc: 0.9771 - val_c2_acc: 0.9979 - val_c3_acc: 0.9939 - val_c4_acc: 0.9815 - val_c5_acc: 0.9373 - val_c6_acc: 0.

16 8399 - val_c7_acc: 0.8622

17 Epoch 3/5

18 - 781s - loss: 1.7379 - c1_loss: 0.1278 - c2_loss: 0.0160 - c3_loss: 0.0408 - c4_loss: 0.0967 - c5_loss: 0.2667 - c6_loss: 0.6417 - c7_loss: 0.5483 - c1_acc: 0.9623 - c2_acc: 0.9960 - c3_acc: 0.9884 - c4_acc: 0.9718 - c5_acc: 0.9236 - c6_acc: 0.8256 - c7_acc: 0.8500 - val_loss: 1.0829 - val_c1_loss: 0.0645 - val_c2_loss: 0.0101 - val_c3_loss: 0.0215 - val_c4_loss: 0.0504 - val_c5_loss: 0.1623 - val_c6_loss: 0.4068 - val_c7_loss: 0.3672 - val_c1_acc: 0.9827 - val_c2_acc: 0.9980 - val_c3_acc: 0.9945 - val_c4_acc: 0.9866 - val_c5_acc: 0.9535 - val_c6_acc: 0.8885 - val_c7_acc: 0.9023

19 Epoch 4/5

20 - 754s - loss: 1.3650 - c1_loss: 0.1086 - c2_loss: 0.0141 - c3_loss: 0.0335 - c4_loss: 0.0703 - c5_loss: 0.2007 - c6_loss: 0.5040 - c7_loss: 0.4339 - c1_acc: 0.9677 - c2_acc: 0.9965 - c3_acc

20 : 0.9908 - c4_acc: 0.9794 - c5_acc: 0.9415 - c6_acc: 0.8608 - c7_acc: 0.8804 - val_loss: 0.9229 - val_c1_loss: 0.0560 - val_c2_loss: 0.0101 - val_c3_loss: 0.0200 - val_c4_loss: 0.0445 - val_c5_loss: 0.1270 - val_c6_loss: 0.3592 - val_c7_loss: 0.3062 - val_c1_acc: 0.9849 - val_c2_acc: 0.9978 - val_c3_acc: 0.9947 - val_c4_acc: 0.9866 - val_c5_acc: 0.9632 - val_c6_acc: 0.9016 - val_c7_acc: 0.9148

21 Epoch 5/5

22 - 742s - loss: 1.1867 - c1_loss: 0.0965 - c2_loss: 0.0116 - c3_loss: 0.0291 - c4_loss: 0.0638 - c5_loss: 0.1767 - c6_loss: 0.4364 - c7_loss: 0.3726 - c1_acc: 0.9714 - c2_acc: 0.9969 - c3_acc: 0.9913 - c4_acc: 0.9808 - c5_acc: 0.9481 - c6_acc: 0.8798 - c7_acc: 0.8971 - val_loss: 0.6563 - val_c1_loss: 0.0343 - val_c2_loss: 0.0060 - val_c3_loss: 0.0127 - val_c4_loss: 0.0299 - val_c5_loss: 0.0898 - val_c6_loss: 0.2481 - val_c7_loss: 0.2356 - val_c1_acc

```
22  : 0.9910 - val_c2_acc: 0.9989 -
    val_c3_acc: 0.9968 - val_c4_acc: 0.9911
     - val_c5_acc: 0.9736 - val_c6_acc: 0.
    9307 - val_c7_acc: 0.9347

23

24  Process finished with exit code 0

25
```