- 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 1/25
- 4 2019-07-08 07:55:11.404746: 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 07:55:11.675264: 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 total Memory: 10.92GiB freeMemory: 10.76GiB
- 9 2019-07-08 07:55:11.675338: I tensorflow /core/common_runtime/gpu/gpu_device.cc: 1511] Adding visible gpu devices: 0
- 10 2019-07-08 07:55:12.083776: I tensorflow /core/common_runtime/gpu/gpu_device.cc:

```
10 982] Device interconnect StreamExecutor
   with strength 1 edge matrix:
11 2019-07-08 07:55:12.083853: I tensorflow
   /core/common_runtime/gpu/gpu_device.cc:
   9881
             ()
12 2019-07-08 07:55:12.083868: I tensorflow
   /core/common_runtime/gpu/gpu_device.cc:
   1001] 0:
              N
13 2019-07-08 07:55:12.084305: 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: O, name: GeForce GTX 1080 Ti,
   pci bus id: 0000:82:00.0, compute
   capability: 6.1)
   - 747s - loss: 11.2974 - c1_loss: 1.
14
   3668 - c2_loss: 0.6344 - c3_loss: 1.0498
   - c4_loss: 1.4052 - c5_loss: 1.8665 -
   c6_loss: 2.4041 - c7_loss: 2.5707 -
   c1_acc: 0.6273 - c2_acc: 0.8297 - c3_acc
   : 0.7073 - c4_acc: 0.6039 - c5_acc: 0.
   4854 - c6_acc: 0.3605 - c7_acc: 0.3188
   - val_loss: 4.0986 - val_c1_loss: 0.
```

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14 2364 - val_c2_loss: 0.0308 - val_c3_loss
  : 0.1229 - val c4 loss: 0.2885 -
  val_c5_loss: 0.7124 - val_c6_loss: 1.
  3390 - val_c7_Loss: 1.3685 - val_c1_acc
  : 0. 9420 - val_c2_acc: 0. 9941 -
  - val_c5_acc: 0.8059 - val_c6_acc: 0.
  6449 - val_c7_acc: 0.6387
15 Epoch 2/25
16 - 748s - loss: 3.8204 - c1_loss: 0.2658
  - c2_loss: 0.0369 - c3_loss: 0.1116 -
  c4_loss: 0.2755 - c5_loss: 0.6494 -
  c6_loss: 1.2379 - c7_loss: 1.2432 -
  : 0.9675 - c4_acc: 0.9194 - c5_acc: 0.
  8196 - c6_acc: 0.6677 - c7_acc: 0.6664
  - val_loss: 2.2901 - val_c1_loss: 0.
  : 0.0405 - val_c4_loss: 0.1145 -
  val_c5_loss: 0.3619 - val_c6_loss: 0.
  8374 - val_c7_Loss: 0.8163 - val_c1_acc
  : 0.9740 - val_c2_acc: 0.9971 -
  - val_c5_acc: 0.8977 - val_c6_acc: 0.
```

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16 7751 - val_c7_acc: 0.7876
17 Epoch 3/25
18 - 743s - loss: 2.6238 - c1_loss: 0.1756
  - c2_loss: 0.0219 - c3_loss: 0.0609 -
  c4_loss: 0.1595 - c5_loss: 0.4285 -
  c6_loss: 0.9246 - c7_loss: 0.8527 -
  c1_acc: 0.9492 - c2_acc: 0.9947 - c3_acc
  : 0.9817 - c4_acc: 0.9524 - c5_acc: 0.
  8793 - c6_acc: 0.7473 - c7_acc: 0.7725
  - val_loss: 1.8104 - val_c1_loss: 0.
  : 0.0346 - val_c4_loss: 0.0891 -
  val_c5_loss: 0.2785 - val_c6_loss: 0.
  6715 - val_c7_Loss: 0.6414 - val_c1_acc
  : 0.9789 - val_c2_acc: 0.9982 -
  - val_c5_acc: 0.9223 - val_c6_acc: 0.
  8196 - val_c7_acc: 0.8378
19 Epoch 4/25
20 - 788s - loss: 2.1331 - c1_loss: 0.1422
   - c2_loss: 0.0177 - c3_loss: 0.0460 -
  c4_loss: 0.1180 - c5_loss: 0.3351 -
  c6_loss: 0.7758 - c7_loss: 0.6982 -
```

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20 : 0.9864 - c4_acc: 0.9643 - c5_acc: 0.
  9041 - c6_acc: 0.7884 - c7_acc: 0.8136
   - val_loss: 1.4755 - val_c1_loss: 0.
  : 0.0255 - val_c4_loss: 0.0685 -
  val_c5_loss: 0.2173 - val_c6_loss: 0.
  5560 - val_c7_Loss: 0.5162 - val_c1_acc
  : 0.9784 - val_c2_acc: 0.9979 -
  - val_c5_acc: 0.9382 - val_c6_acc: 0.
  8487 - val_c7_acc: 0.8643
21 Epoch 5/25
22 - 782s - loss: 1.8313 - c1_loss: 0.1212
   - c2 loss: 0.0158 - c3 loss: 0.0398 -
  c4_loss: 0.0968 - c5_loss: 0.2812 -
  c6_loss: 0.6734 - c7_loss: 0.6030 -
  : 0.9886 - c4_acc: 0.9712 - c5_acc: 0.
  9205 - c6_acc: 0.8149 - c7_acc: 0.8390
  - val_loss: 1.1948 - val_c1_loss: 0.
  0591 - val_c2_loss: 0.0094 - val_c3_loss
  : 0.0184 - val_c4_loss: 0.0483 -
  val_c5_loss: 0.1719 - val_c6_loss: 0.
  4813 - val_c7_Loss: 0.4064 - val_c1_acc
```

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22 : 0.9851 - val_c2_acc: 0.9981 -
  - val_c5_acc: 0.9512 - val_c6_acc: 0.
  8692 - val_c7_acc: 0.8982
23 Epoch 6/25
24 - 779s - loss: 1.6139 - c1_loss: 0.1085
   - c2_loss: 0.0146 - c3_loss: 0.0351 -
  c4_loss: 0.0838 - c5_loss: 0.2412 -
  c6_loss: 0.6068 - c7_loss: 0.5239 -
  c1_acc: 0.9679 - c2_acc: 0.9958 - c3_acc
  : 0.9893 - c4 acc: 0.9744 - c5 acc: 0.
  9311 - c6_acc: 0.8337 - c7_acc: 0.8574
  - val_loss: 1.0458 - val_c1_loss: 0.
  : 0.0166 - val_c4_loss: 0.0401 -
  val_c5_loss: 0.1461 - val_c6_loss: 0.
  4203 - val_c7_Loss: 0.3679 - val_c1_acc
  : 0.9870 - val_c2_acc: 0.9983 -
  - val_c5_acc: 0.9600 - val_c6_acc: 0.
  8874 - val_c7_acc: 0.9018
25 Epoch 7/25
  - 776s - loss: 1.4232 - c1_loss: 0.1001
26
   - c2 loss: 0.0132 - c3 loss: 0.0321 -
```

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26 c4_loss: 0.0703 - c5_loss: 0.2122 -
  c6 loss: 0.5306 - c7_loss: 0.4647 -
  c1_acc: 0.9700 - c2_acc: 0.9963 - c3_acc
  : 0.9905 - c4_acc: 0.9782 - c5_acc: 0.
  9392 - c6_acc: 0.8539 - c7_acc: 0.8740
  - val_loss: 0.9390 - val_c1_loss: 0.
  : 0.0151 - val_c4_loss: 0.0366 -
  val_c5_loss: 0.1338 - val_c6_loss: 0.
  3571 - val_c7_loss: 0.3406 - val_c1_acc
  : 0.9869 - val_c2_acc: 0.9983 -
  - val_c5_acc: 0.9620 - val_c6_acc: 0.
  9029 - val_c7_acc: 0.9089
27 Epoch 8/25
  - 778s - Loss: 1.3347 - c1_Loss: 0.0907
28
   - c2_loss: 0.0114 - c3_loss: 0.0292 -
  c4_loss: 0.0645 - c5_loss: 0.1965 -
  c6 loss: 0.4966 - c7 loss: 0.4458 -
  c1_acc: 0.9722 - c2_acc: 0.9967 - c3_acc
  : 0.9914 - c4_acc: 0.9800 - c5_acc: 0.
  9434 - c6_acc: 0.8621 - c7_acc: 0.8794
   - val_loss: 0.8777 - val_c1_loss: 0.
```

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28 : 0.0183 - val_c4_loss: 0.0357 -
  val_c5_loss: 0.1151 - val_c6_loss: 0.
  3315 - val_c7_Loss: 0.3165 - val_c1_acc
  : 0.9863 - val_c2_acc: 0.9982 -
  - val_c5_acc: 0.9669 - val_c6_acc: 0.
  9072 - val_c7_acc: 0.9174
29 Epoch 9/25
  - 786s - Loss: 1.2378 - c1_Loss: 0.0874
30
  - c2_loss: 0.0118 - c3_loss: 0.0252 -
  c4 | oss: 0.0592 - c5 | oss: 0.1784 -
  c6_loss: 0.4664 - c7_loss: 0.4094 -
  0.9926 - c4 acc: 0.9822 - c5 acc: 0.
  9492 - c6_acc: 0.8704 - c7_acc: 0.8888
  - val_loss: 0.9282 - val_c1_loss: 0.
  : 0.0182 - val_c4_loss: 0.0443 -
  val_c5_loss: 0.1288 - val_c6_loss: 0.
  : 0.9838 - val_c2_acc: 0.9973 -
  - val_c5_acc: 0.9623 - val_c6_acc: 0.
  9038 - val_c7_acc: 0.9105
```

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31 Epoch 10/25
32 - 763s - loss: 1.1757 - c1_loss: 0.0842
   - c2_loss: 0.0101 - c3_loss: 0.0262 -
  c4_loss: 0.0584 - c5_loss: 0.1671_-
  c6_loss: 0.4377 - c7_loss: 0.3920 -
  c1_acc: 0.9746 - c2_acc: 0.9972 - c3_acc
  : 0.9919 - c4_acc: 0.9824 - c5_acc: 0.
  9510 - c6_acc: 0.8770 - c7_acc: 0.8922
   - val_loss: 0.8084 - val_c1_loss: 0.
  : 0.0159 - val_c4_loss: 0.0347 -
  val_c5_loss: 0.1050 - val_c6_loss: 0.
  3075 - val_c7_Loss: 0.2929 - val_c1_acc
  : 0.9876 - val_c2_acc: 0.9982 -
  - val_c5_acc: 0.9702 - val_c6_acc: 0.
  9155 - val_c7_acc: 0.9223
33 Epoch 11/25
  - 752s - loss: 1.0978 - c1_loss: 0.0839
34
   - c2_loss: 0.0092 - c3_loss: 0.0260 -
  c4_loss: 0.0534 - c5_loss: 0.1570 -
  c6_loss: 0.4050 - c7_loss: 0.3634 -
  c1_acc: 0.9741 - c2_acc: 0.9971 - c3_acc
```

: 0.9921 - c4_acc: 0.9835 - c5_acc: 0.

```
34 9550 - c6_acc: 0.8879 - c7_acc: 0.9008
  - val_loss: 0.7945 - val_c1_loss: 0.
  0587 - val_c2_loss: 0.0078 - val_c3_loss
  : 0.0173 - val_c4_loss: 0.0319 -
  val_c5_loss: 0.1066 - val_c6_loss: 0.
  2885 - val_c7_Loss: 0.2837 - val_c1_acc
  : 0.9830 - val_c2_acc: 0.9981 -
  - val_c5_acc: 0.9695 - val_c6_acc: 0.
  9197 - val c7 acc: 0.9249
35 Epoch 12/25
36 - 807s - loss: 1.0495 - c1_loss: 0.0782
  - c2_loss: 0.0102 - c3_loss: 0.0219 -
  c4 loss: 0.0520 - c5 loss: 0.1468 -
  c6_loss: 0.3876 - c7_loss: 0.3528 -
  : 0.9935 - c4_acc: 0.9847 - c5_acc: 0.
  9567 - c6_acc: 0.8903 - c7_acc: 0.9048
  - val_loss: 0.7007 - val_c1_loss: 0.
  : 0.0171 - val_c4_loss: 0.0298 -
  val_c5_loss: 0.0964 - val_c6_loss: 0.
  : 0.9852 - val c2 acc: 0.9980 -
```

```
36 val_c3_acc: 0.9950 - val_c4_acc: 0.9911
   - val_c5_acc: 0.9722 - val_c6_acc: 0.
  9271 - val_c7_acc: 0.9338
37 Epoch 13/25
  - 931s - Loss: 1.0015 - c1_Loss: 0.0785
38
  - c2_loss: 0.0089 - c3_loss: 0.0217 -
  c4_loss: 0.0478 - c5_loss: 0.1389 -
  c6_loss: 0.3730 - c7_loss: 0.3327 -
  : 0.9936 - c4 acc: 0.9851 - c5 acc: 0.
  9593 - c6_acc: 0.8958 - c7_acc: 0.9100
  - val_loss: 0.6677 - val_c1_loss: 0.
  : 0.0157 - val c4 loss: 0.0264 -
  val_c5_loss: 0.0864 - val_c6_loss: 0.
  2338 - val_c7_Loss: 0.2452 - val_c1_acc
  : 0.9838 - val_c2_acc: 0.9981 -
  - val_c5_acc: 0.9751 - val_c6_acc: 0.
  9348 - val_c7_acc: 0.9344
39 Epoch 14/25
40 - 929s - loss: 0.9787 - c1_loss: 0.0786
   - c2_loss: 0.0083 - c3_loss: 0.0229 -
  c4 loss: 0.0482 - c5 loss: 0.1374 -
```

```
40 c6_loss: 0.3582 - c7_loss: 0.3251 -
  : 0.9929 - c4_acc: 0.9855 - c5_acc: 0.
  9605 - c6_acc: 0.8999 - c7_acc: 0.9104
  - val_loss: 0.6052 - val_c1_loss: 0.
  : 0.0150 - val_c4_loss: 0.0274 -
  val_c5_loss: 0.0809 - val_c6_loss: 0.
  2181 - val_c7_Loss: 0.2225 - val_c1_acc
  : 0.9900 - val_c2_acc: 0.9980 -
  - val_c5_acc: 0.9769 - val_c6_acc: 0.
  9378 - val c7 acc: 0.9389
41 Epoch 15/25
42 - 869s - loss: 0.9446 - c1_loss: 0.0780
  - c2_loss: 0.0079 - c3_loss: 0.0215 -
  c4_loss: 0.0445 - c5_loss: 0.1323 -
  c6_loss: 0.3503 - c7_loss: 0.3100 -
  c1_acc: 0.9765 - c2_acc: 0.9977 - c3_acc
  : 0.9932 - c4_acc: 0.9868 - c5_acc: 0.
  9623 - c6_acc: 0.9023 - c7_acc: 0.9164
  - val_loss: 0.5479 - val_c1_loss: 0.
  : 0.0122 - val c4 loss: 0.0225 -
```

```
42 val_c5_loss: 0.0701 - val_c6_loss: 0.
  1925 - val_c7_loss: 0.2072 - val_c1_acc
  : 0.9891 - val_c2_acc: 0.9981 -
  val_c3_acc: 0.9964 - val_c4_acc: 0.9937
  - val_c5_acc: 0.9795 - val_c6_acc: 0.
  9462 - val_c7_acc: 0.9453
43 Epoch 16/25
  - 747s - Loss: 0.8933 - c1_Loss: 0.0754
44
  - c2_loss: 0.0075 - c3_loss: 0.0187 -
  c4 loss: 0.0432 - c5 loss: 0.1251 -
  c6_loss: 0.3294 - c7_loss: 0.2939 _-
  : 0.9940 - c4_acc: 0.9866 - c5_acc: 0.
  9633 - c6 acc: 0.9084 - c7 acc: 0.9183
  - val_loss: 0.5777 - val_c1_loss: 0.
  : 0.0122 - val_c4_loss: 0.0246 -
  val_c5_loss: 0.0792 - val_c6_loss: 0.
  : 0.9899 - val_c2_acc: 0.9985 -
  - val_c5_acc: 0.9781 - val_c6_acc: 0.
  9389 - val_c7_acc: 0.9446
45 Epoch 17/25
```

```
- 753s - loss: 0.8761 - c1_loss: 0.0758
46
  - c2_loss: 0.0088 - c3_loss: 0.0182 -
  c4_loss: 0.0431 - c5_loss: 0.1264 -
  c6_loss: 0.3151 - c7_loss: 0.2887 -
  : 0.9940 - c4_acc: 0.9871 - c5_acc: 0.
  9634 - c6_acc: 0.9110 - c7_acc: 0.9195
  - val_loss: 0.6290 - val_c1_loss: 0.
  : 0.0199 - val c4 loss: 0.0340 -
  val_c5_loss: 0.0948 - val_c6_loss: 0.
  2215 - val_c7_Loss: 0.2140 - val_c1_acc
  : 0.9892 - val_c2_acc: 0.9981 -
  - val_c5_acc: 0.9729 - val_c6_acc: 0.
  9372 - val_c7_acc: <u>0.9405</u>
47 Epoch 18/25
  - 746s - loss: 0.8493 - c1_loss: 0.0742
48
   - c2_loss: 0.0093 - c3_loss: 0.0205 -
  c4_loss: 0.0448 - c5_loss: 0.1193 -
  c6_loss: 0.3041 - c7_loss: 0.2770 -
  : 0.9941 - c4_acc: 0.9873 - c5_acc: 0.
  9657 - c6_acc: 0.9143 - c7_acc: 0.9235
```

```
- val_loss: 0.5735 - val_c1_loss: 0.
48
  : 0.0133 - val_c4_loss: 0.0283 -
  val_c5_loss: 0.0829 - val_c6_loss: 0.
  : 0.9882 - val_c2_acc: 0.9983 -
  - val_c5_acc: 0.9764 - val_c6_acc: 0.
  9414 - val_c7_acc: 0.9455
49 Epoch 19/25
  - 750s - loss: 0.8366 - c1_loss: 0.0722
50
  - c2_loss: 0.0093 - c3_loss: 0.0211 -
  c4_loss: 0.0417 - c5_loss: 0.1162 -
  c6_loss: 0.2976 - c7_loss: 0.2786 -
  : 0.9938 - c4 acc: 0.9872 - c5 acc: 0.
  9659 - c6_acc: 0.9184 - c7_acc: 0.9239
  - val_loss: 0.6042 - val_c1_loss: 0.
  : 0.0171 - val_c4_loss: 0.0309 -
  val_c5_loss: 0.0804 - val_c6_loss: 0.
  2081 - val_c7_Loss: 0.2103 - val_c1_acc
  : 0.9860 - val_c2_acc: 0.9970 -
  val_c3_acc: 0.9950 - val_c4_acc: 0.9912
```

```
- val_c5_acc: 0.9761 - val_c6_acc: 0.
50
  9405 - val_c7_acc: 0.9427
51 Epoch 20/25
  - 758s - loss: 0.8333 - c1_loss: 0.0707
52
   - c2_loss: 0.0091 - c3_loss: 0.0206 -
  c4_loss: 0.0414 - c5_loss: 0.1209 -
  c6 loss: 0.2996 - c7 loss: 0.2711 -
  : 0.9939 - c4_acc: 0.9879 - c5_acc: 0.
  9660 - c6_acc: 0.9182 - c7_acc: 0.9255
  - val_loss: 0.4449 - val_c1_loss: 0.
  : 0.0097 - val_c4_loss: 0.0172 -
  val c5 loss: 0.0547 - val c6 loss: 0.
  1659 - val_c7_loss: 0.1628 - val_c1_acc
  : 0.9920 - val_c2_acc: 0.9986 -
  - val_c5_acc: 0.9846 - val_c6_acc: 0.
  9540 - val_c7_acc: 0.9554
53 Epoch 21/25
  - 778s - loss: 0.7824 - c1_loss: 0.0709
54
   - c2_loss: 0.0080 - c3_loss: 0.0175 -
  c4_loss: 0.0386 - c5_loss: 0.1058 -
  c6_loss: 0.2773 - c7_loss: 0.2644
```

```
54 c1_acc: 0.9787 - c2_acc: 0.9978 - c3_acc
  : 0.9947 - c4 acc: 0.9883 - c5 acc: 0.
  9688 - c6_acc: 0.9212 - c7_acc: 0.9283
  - val_loss: 0.4669 - val_c1_loss: 0.
  : 0.0093 - val_c4_loss: 0.0217 -
  val_c5_loss: 0.0571 - val_c6_loss: 0.
  1730 - val_c7_Loss: 0.1696 - val_c1_acc
  : 0.9917 - val_c2_acc: 0.9988 -
  val_c3_acc: 0.9975 - val_c4_acc: 0.9934
  - val_c5_acc: 0.9833 - val_c6_acc: 0.
  9512 - val_c7_acc: 0.9523
55 Epoch 22/25
  - 770s - loss: 0.7705 - c1 loss: 0.0688
56
   - c2_loss: 0.0080 - c3_loss: 0.0182 -
  c4_loss: 0.0391 - c5_loss: 0.1068 -
  c6_loss: 0.2769 - c7_loss: 0.2526 -
  : 0.9943 - c4_acc: 0.9880 - c5_acc: 0.
  9687 - c6_acc: 0.9229 - c7_acc: 0.9296
  - val_loss: 0.4968 - val_c1_loss: 0.
  : 0.0114 - val_c4_loss: 0.0215 -
  val_c5_loss: 0.0640 - val_c6_loss: 0.
```

```
56 1776 - val_c7_loss: 0.1753 - val_c1_acc
  : 0.9878 - val c2 acc: 0.9985 -
  val_c3_acc: 0.9966 - val_c4_acc: 0.9931
  - val_c5_acc: 0.9812 - val_c6_acc: 0.
  9509 - val_c7_acc: 0.9520
57 Epoch 23/25
  - 769s - loss: 0.7877 - c1 loss: 0.0712
58
  - c2_loss: 0.0088 - c3_loss: 0.0179 -
  c4_loss: 0.0378 - c5_loss: 0.1078 -
  c6 loss: 0.2883 - c7 loss: 0.2559 -
  : 0.9947 - c4_acc: 0.9887 - c5_acc: 0.
  9688 - c6_acc: 0.9210 - c7_acc: 0.9289
  - val_loss: 0.4762 - val_c1_loss: 0.
  : 0.0118 - val_c4_loss: 0.0214 -
  val_c5_loss: 0.0617 - val_c6_loss: 0.
  : 0.9901 - val_c2_acc: 0.9987 -
  - val_c5_acc: 0.9817 - val_c6_acc: 0.
  9538 - val_c7_acc: 0.9524
59 Epoch 24/25
  - 745s - Loss: 0.7517 - c1_loss: 0.0689
60
```

```
- c2_loss: 0.0095 - c3_loss: 0.0179 -
60
  c4_loss: 0.0373 - c5_loss: 0.1039 -
  c6_loss: 0.2610 - c7_loss: 0.2532 -
  c1_acc: 0.9798 - c2_acc: 0.9974 - c3 acc
  : 0.9946 - c4_acc: 0.9889 - c5_acc: 0.
  9704 - c6_acc: 0.9282 - c7_acc: 0.9317
   - val_loss: 0.4544 - val_c1_loss: 0.
  : 0.0097 - val_c4_loss: 0.0196 -
  val c5 loss: 0.0575 - val c6 loss: 0.
  : 0.9916 - val_c2_acc: 0.9985 -
  val_c3_acc: 0.9972 - val_c4_acc: 0.9946
   - val_c5_acc: 0.9833 - val_c6_acc: 0.
  9534 - val_c7_acc: 0.9540
61 Epoch 25/25
  - 749s - Loss: 0.7526 - c1_Loss: 0.0685
62
   - c2_loss: 0.0079 - c3_loss: 0.0176 -
  c4_loss: 0.0404 - c5_loss: 0.0988 -
  c6_loss: 0.2654 - c7_loss: 0.2540 -
  : 0.9947 - c4_acc: 0.9882 - c5_acc: 0.
  9710 - c6_acc: 0.9266 - c7_acc: 0.9302
   - val_loss: 0.4713 - val_c1_loss: 0.
```

```
62  0429 - val_c2_loss: 0.0042 - val_c3_loss
: 0.0115 - val_c4_loss: 0.0200 -
val_c5_loss: 0.0577 - val_c6_loss: 0.
1698 - val_c7_loss: 0.1652 - val_c1_acc
: 0.9865 - val_c2_acc: 0.9990 -
val_c3_acc: 0.9965 - val_c4_acc: 0.9941
- val_c5_acc: 0.9824 - val_c6_acc: 0.
9535 - val_c7_acc: 0.9548

63
64  Process finished with exit code 0
65
```