

dl4cvhw08

keras+mnist,跑出tensorboard的运行结果

```
In [7]: # 训练模型
model.fit(x_train,y_train,batch_size=64,epochs=10,callbacks=[TensorBoard(log_dir='./tmp/log')])

Epoch 1/10
60000/60000 [=====] - 30s 503us/step - loss: 0.3318 - acc: 0.9061
Epoch 2/10
60000/60000 [=====] - 28s 469us/step - loss: 0.0913 - acc: 0.9718
Epoch 3/10
60000/60000 [=====] - 29s 476us/step - loss: 0.0637 - acc: 0.9798
Epoch 4/10
60000/60000 [=====] - 28s 464us/step - loss: 0.0499 - acc: 0.9848
Epoch 5/10
60000/60000 [=====] - 28s 466us/step - loss: 0.0412 - acc: 0.9870
Epoch 6/10
60000/60000 [=====] - 28s 461us/step - loss: 0.0356 - acc: 0.9891
Epoch 7/10
60000/60000 [=====] - 28s 474us/step - loss: 0.0307 - acc: 0.9901
Epoch 8/10
60000/60000 [=====] - 28s 472us/step - loss: 0.0263 - acc: 0.9920
Epoch 9/10
60000/60000 [=====] - 28s 474us/step - loss: 0.0227 - acc: 0.9929
Epoch 10/10
60000/60000 [=====] - 27s 455us/step - loss: 0.0207 - acc: 0.9934

Out[7]: <keras.callbacks.History at 0x7fab52f17278>
```

```
[ian@h1 ~]$ tensorboard --logdir=/home/ian/code/github/LSCJcourses/keras/04/tmp/log
/home/ian/installed/anaconda3/lib/python3.6/site-packages/h5py/__init__.py:36: FutureWarning: Conversion of
the second argument of issubdtype from `float` to `np.floating` is deprecated. In future, it will be treat
ed as `np.float64 == np.dtype(float).type`.
  from ._conv import register_converters as _register_converters
TensorBoard 1.12.0 at http://h1:6006 (Press CTRL+C to quit)
```

TensorBoard

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http://h1:6006/#scalars

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SCALARS

INACTIVE ▾

☐ Show data download links

☒ Ignore outliers in chart scaling

Tooltip sorting method: default ▾

Smoothing 0.6

Horizontal Axis

STEP

RELATIVEWALL

Runs

Write a regex to filter runs

TOGGLE ALL RUNS

/home/ian/code/github/LSCJcourses/keras/04/tmp/log

Filter tags (regular expressions supported)

acc



loss



In []: