



浙江大学城市学院  
ZHEJIANG UNIVERSITY CITY COLLEGE

# 模型恢复



## 从Checkpoint文件中恢复模型



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先定义好模型结构，再从Checkpoint文件中恢复模型各参数权值

```
logdir = './logs'  
checkpoint_path = './checkpoint/Titanic. {epoch:02d}-{val_loss:.2f}.ckpt'  
checkpoint_dir = os.path.dirname(checkpoint_path)
```

```
latest = tf.train.latest_checkpoint(checkpoint_dir)  
latest
```

```
'./checkpoint\\Titanic.100-0.42.ckpt'
```

```
model.load_weights(latest)
```

```
<tensorflow.python.training.checkpointable.util.CheckpointLoadStatus at 0x22072ddb2e8>
```



## 恢复模型评估



```
loss, acc = model.evaluate(x_test, y_test)

print("Restored model, accuracy: {:.5.2f}%".format(100*acc))
```

```
262/262 [=====] - 0s 129us/step
Restored model, accuracy: 79.01%
```



# 通过TensorBoard可视化查看训练过程



# TensorBoard



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Anaconda Prompt中进入日志文件目录

运行 `tensorboard --logdir .`

```
Anaconda Prompt - tensorboard --logdir .

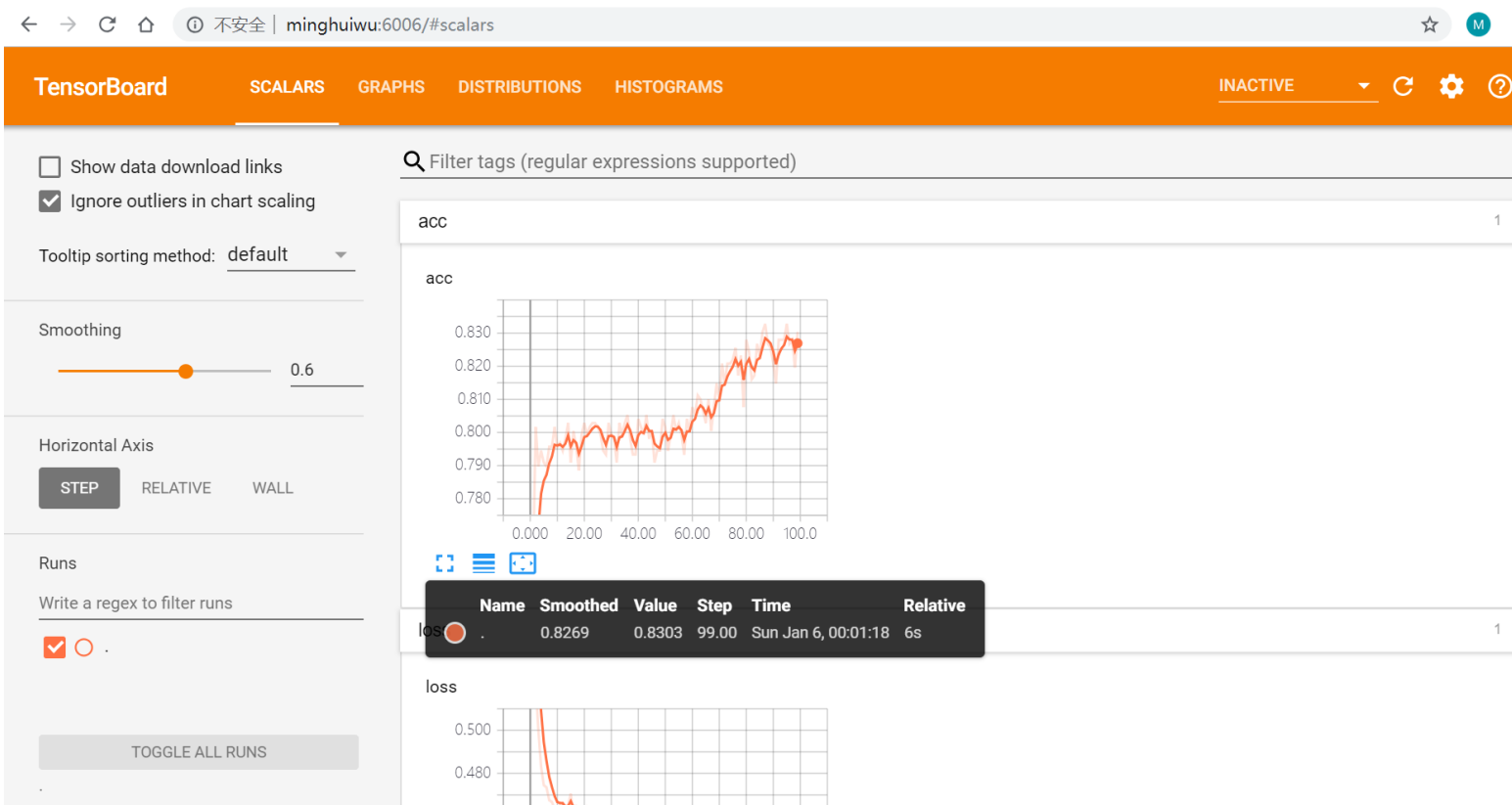
(base) C:\Users\mingh\Documents\TensorFlowCodes\TF_ZUCC_16_KERAS\logs>tensorboard --logdir .
C:\Users\mingh\Anaconda3\lib\site-packages\h5py\__init__.py:36: FutureWarning: Conversion of the second argument of issubdtype from float to np.floating is deprecated. In future, it will be treated as np.float64 == np.dtype(float).typecode.
  from ._conv import register_converters as _register_converters
TensorBoard 1.10.0 at http://MinghuiWU:6006 (Press CTRL+C to quit)
```



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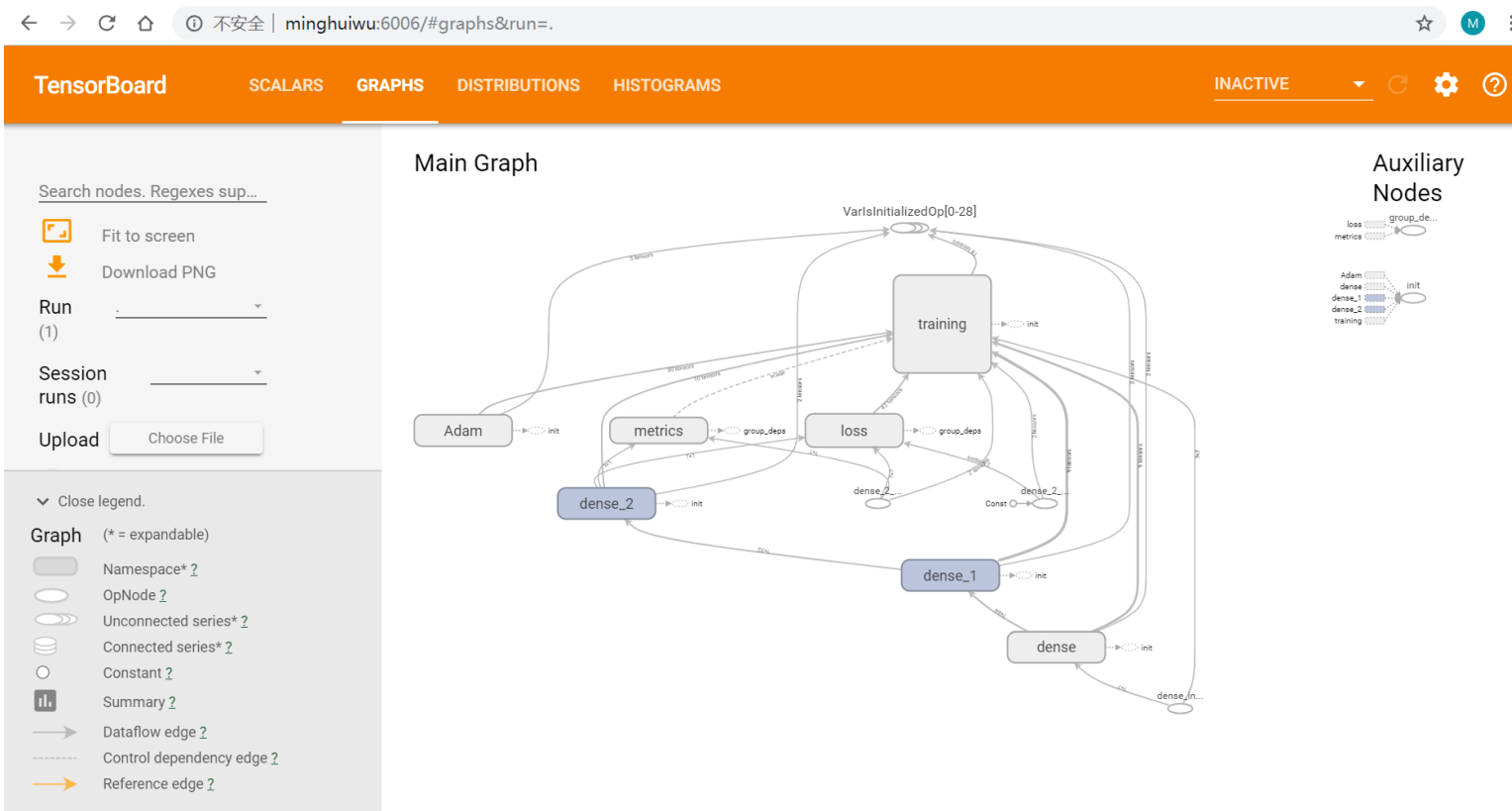




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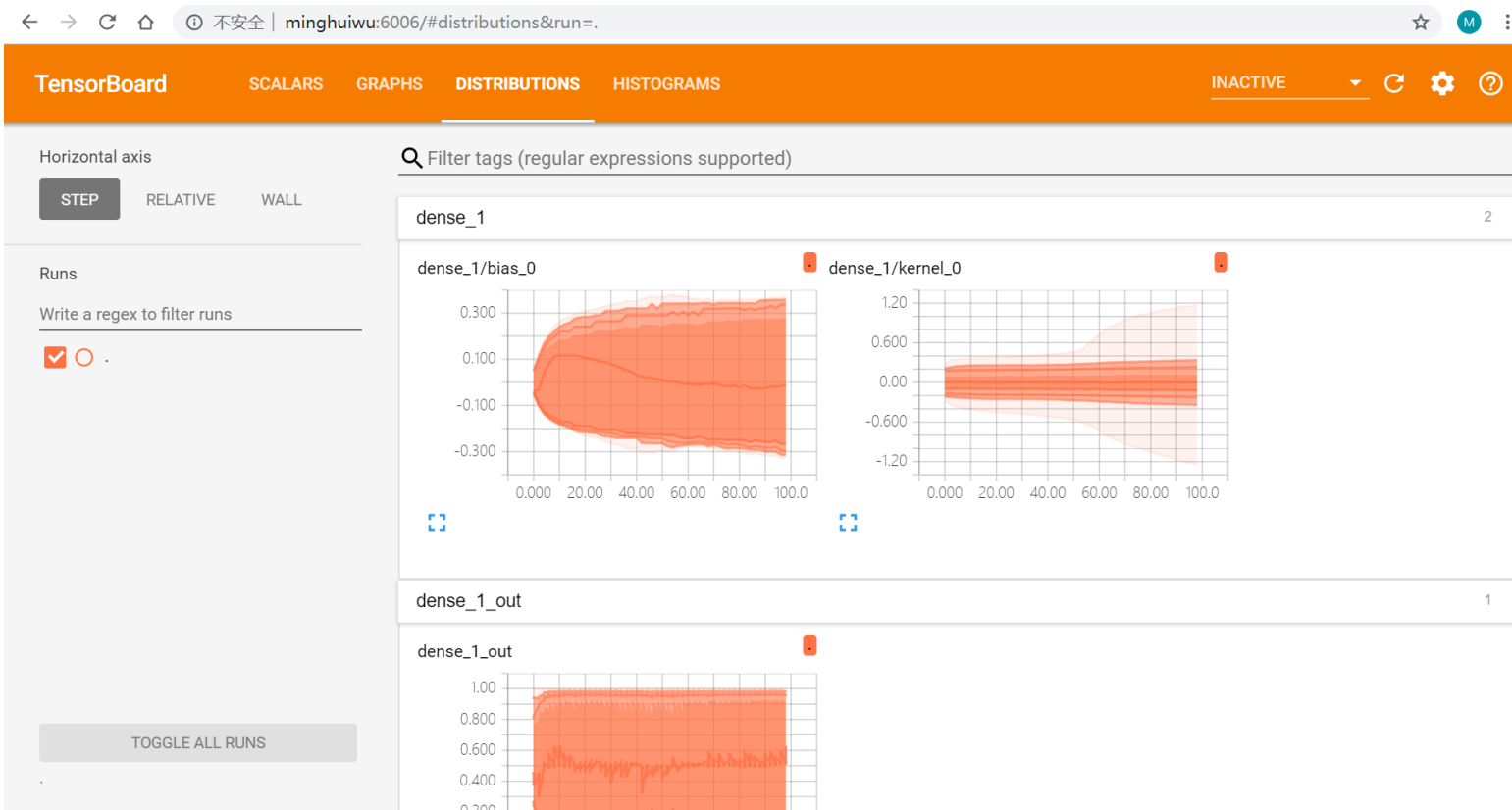




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