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得分100.00 最后一次提交时间:2023-04-09 12:01:57

Accept

小规模数据集测试结果		
C++ 测试精度	Numpy 测试精度	测试结果
1.5449471333365215e-06%	5.8291128344162815e-06%	通过

大规模数据集测试结果		
C++ 测试精度	Numpy 测试精度	测试结果
0.0%	1.178727792681365e-05%	通过

模型推理测试结果 (ms)		
C++ inference(CPU) origin pb time	C++ inference(CPU) time	Numpy inference(CPU) time
0.7692139148712158	0.6721019744873047	1.526151180267334

Looking in indexes: <https://pypi.tuna.tsinghua.edu.cn/simple>

Processing ./stu_upload/tensorflow_mlu-1.14.0-cp27-cp27mu-linux_x86_64.whl

Requirement already satisfied: absl-py>=0.7.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (0.9.0)

Requirement already satisfied: backports weakref>=1.0rc1 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.0.post1)

Requirement already satisfied: tensorflow-estimator<1.15.0rc0,>=1.14.0rc0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.14.0)

Requirement already satisfied: grpcio>=1.8.6 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.26.0)

Requirement already satisfied: tensorboard<1.15.0,>=1.14.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.14.0)

Requirement already satisfied: keras-applications>=1.0.6 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.0.8)

Requirement already satisfied: wrapt>=1.11.1 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.11.2)

Requirement already satisfied: protobuf>=3.6.1 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (3.11.2)

Requirement already satisfied: google-pasta>=0.1.6 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (0.1.8)

Requirement already satisfied: keras-preprocessing>=1.0.5 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.1.0)

Requirement already satisfied: mock>=2.0.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (2.0.0)

Requirement already satisfied: numpy<2.0,>=1.14.5 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.16.0)

Requirement already satisfied: six>=1.10.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.14.0)

Requirement already satisfied: wheel in /usr/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (0.29.0)

Requirement already satisfied: astor>=0.6.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (0.8.1)

Requirement already satisfied: enum34>=1.1.6 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.1.6)

Requirement already satisfied: termcolor>=1.1.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (1.1.0)

Requirement already satisfied: gast>=0.2.0 in /usr/local/lib/python2.7/dist-packages (from tensorflow-mlu==1.14.0) (0.3.3)

Requirement already satisfied: futures>=2.2.0; python_version < "3.2" in /usr/local/lib/python2.7/dist-packages (from grpcio>=1.8.6->tensorflow-mlu==1.14.0) (3.3.0)

Requirement already satisfied: markdown>=2.6.8 in /usr/local/lib/python2.7/dist-packages (from tensorboard<1.15.0,>=1.14.0->tensorflow-mlu==1.14.0) (2.6.11)

Requirement already satisfied: setuptools>=41.0.0 in /root/.local/lib/python2.7/site-packages (from tensorboard<1.15.0,>=1.14.0->tensorflow-mlu==1.14.0) (44.1.1)

Requirement already satisfied: werkzeug>=0.11.15 in /usr/local/lib/python2.7/dist-packages (from tensorboard<1.15.0,>=1.14.0->tensorflow-mlu==1.14.0) (0.16.0)

Requirement already satisfied: h5py in /usr/local/lib/python2.7/dist-packages (from keras-applications>=1.0.6->tensorflow-mlu==1.14.0) (2.10.0)

Requirement already satisfied: pbr>=0.11 in /usr/local/lib/python2.7/dist-packages (from mock>=2.0.0->tensorflow-mlu==1.14.0) (5.4.4)

Requirement already satisfied: funcsigns>=1; python_version < "3.3" in /usr/local/lib/python2.7/dist-packages (from mock>=2.0.0->tensorflow-mlu==1.14.0) (1.0.2)

Installing collected packages: tensorflow-mlu

Successfully installed tensorflow-mlu-1.14.0

load data cost 1073.15182686ms

CNML: 7.2.1 c8ada41

CNRT: 4.2.1 fa5e44c

CNML: 7.2.1 c8ada41

```
comput C++ op cost 70.3499317169ms
C++ op err rate= 1.5449471333365215e-06%
TEST C++ OP PASS.
comput numpy op cost 237.920999527ms
numpy op err rate= 5.8291128344162815e-06%
TEST NUMPY OP PASS.
```

```
loading data ...
load data cost 12007.6239109ms
CNML: 7.2.1 c8ada41
comput C++ op cost 31.299829483ms
C++ op err rate= 0.0%
comput numpy op cost 364.534854889ms
numpy op err rate= 1.178727792681365e-05%
```

```
CNML: 7.2.1 c8ada41
('C++ inference(CPU) origin pb time is: ', 0.7692139148712158)
CNML: 7.2.1 c8ada41
('C++ inference(CPU) time is: ', 0.6721019744873047)
CNML: 7.2.1 c8ada41
('Numpy inference(CPU) time is: ', 1.526151180267334)
```