WARNING:tensorflow:From train\_mnist.py:35: read\_data\_sets (from tensorflow.contrib.learn.python.learn.datasets.mnist) is deprecated and will be removed in a future version.

Instructions for updating:

Please use alternatives such as official/mnist/dataset.py from tensorflow/models.

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py:260: maybe\_download (from tensorflow.contrib.learn.python.learn.datasets.base) is deprecated and will be removed in a future version.

Instructions for updating:

Please write your own downloading logic.

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/base.py:252: \_internal\_retry.<locals>.wrap.<locals>.wrapped\_fn (from tensorflow.contrib.learn.python.learn.datasets.base) is deprecated and will be removed in a future version.

Instructions for updating:

Please use urllib or similar directly.

Successfully downloaded train-images-idx3-ubyte.gz 9912422 bytes.

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py:262: extract\_images (from tensorflow.contrib.learn.python.learn.datasets.mnist) is deprecated and will be removed in a future version.

Instructions for updating:

Please use tf.data to implement this functionality.

Extracting /tmp/tensorflow/mnist/input\_data/train-images-idx3-ubyte.gz

Successfully downloaded train-labels-idx1-ubyte.gz 28881 bytes.

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py:267: extract\_labels (from tensorflow.contrib.learn.python.learn.datasets.mnist) is deprecated and will be removed in a future version.

Instructions for updating:

Please use tf.data to implement this functionality.

Extracting /tmp/tensorflow/mnist/input\_data/train-labels-idx1-ubyte.gz

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py:110: dense\_to\_one\_hot (from tensorflow.contrib.learn.python.learn.datasets.mnist) is deprecated and will be removed in a future version.

Instructions for updating:

Please use tf.one\_hot on tensors.

Successfully downloaded t10k-images-idx3-ubyte.gz 1648877 bytes.

Extracting /tmp/tensorflow/mnist/input\_data/t10k-images-idx3-ubyte.gz

Successfully downloaded t10k-labels-idx1-ubyte.gz 4542 bytes.

Extracting /tmp/tensorflow/mnist/input\_data/t10k-labels-idx1-ubyte.gz

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py:290: DataSet.\_\_init\_\_ (from tensorflow.contrib.learn.python.learn.datasets.mnist) is deprecated and will be removed in a future version.

Instructions for updating:

Please use alternatives such as official/mnist/dataset.py from tensorflow/models.

2018-09-05 17:30:10.127948: I tensorflow/core/platform/cpu\_feature\_guard.cc:140] Your CPU supports instructions that this TensorFlow binary was not compiled to use: AVX2 FMA

WARNING:tensorflow:From train\_mnist.py:112: softmax\_cross\_entropy\_with\_logits (from tensorflow.python.ops.nn\_ops) is deprecated and will be removed in a future version.

Instructions for updating:

Future major versions of TensorFlow will allow gradients to flow

into the labels input on backprop by default.

See @{tf.nn.softmax\_cross\_entropy\_with\_logits\_v2}.

WARNING:tensorflow:From train\_mnist.py:35: read\_data\_sets (from tensorflow.contrib.learn.python.learn.datasets.mnist) is deprecated and will be removed in a future version.

Instructions for updating:

Please use alternatives such as official/mnist/dataset.py from tensorflow/models.

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py:260: maybe\_download (from tensorflow.contrib.learn.python.learn.datasets.base) is deprecated and will be removed in a future version.

Instructions for updating:

Please write your own downloading logic.

WARNING:tensorflow:From /Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/base.py:252: \_internal\_retry.<locals>.wrap.<locals>.wrapped\_fn (from tensorflow.contrib.learn.python.learn.datasets.base) is deprecated and will be removed in a future version.

Instructions for updating:

Please use urllib or similar directly.

Traceback (most recent call last):

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 1318, in do\_open

encode\_chunked=req.has\_header('Transfer-encoding'))

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 1239, in request

self.\_send\_request(method, url, body, headers, encode\_chunked)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 1285, in \_send\_request

self.endheaders(body, encode\_chunked=encode\_chunked)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 1234, in endheaders

self.\_send\_output(message\_body, encode\_chunked=encode\_chunked)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 1026, in \_send\_output

self.send(msg)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 964, in send

self.connect()

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 1392, in connect

super().connect()

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/http/client.py", line 936, in connect

(self.host,self.port), self.timeout, self.source\_address)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/socket.py", line 704, in create\_connection

for res in getaddrinfo(host, port, 0, SOCK\_STREAM):

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/socket.py", line 745, in getaddrinfo

for res in \_socket.getaddrinfo(host, port, family, type, proto, flags):

socket.gaierror: [Errno 8] nodename nor servname provided, or not known

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "train\_mnist.py", line 229, in <module>

tf.app.run(main=main, argv=[sys.argv[0]] + unparsed)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/python/platform/app.py", line 126, in run

\_sys.exit(main(argv))

File "train\_mnist.py", line 191, in main

practice()

File "train\_mnist.py", line 35, in practice

mnist = input\_data.read\_data\_sets(FLAGS.data\_dir, one\_hot=True)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/python/util/deprecation.py", line 250, in new\_func

return func(\*args, \*\*kwargs)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/mnist.py", line 260, in read\_data\_sets

source\_url + TRAIN\_IMAGES)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/python/util/deprecation.py", line 250, in new\_func

return func(\*args, \*\*kwargs)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/base.py", line 252, in maybe\_download

temp\_file\_name, \_ = urlretrieve\_with\_retry(source\_url)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/python/util/deprecation.py", line 250, in new\_func

return func(\*args, \*\*kwargs)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/base.py", line 205, in wrapped\_fn

return fn(\*args, \*\*kwargs)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/site-packages/tensorflow/contrib/learn/python/learn/datasets/base.py", line 233, in urlretrieve\_with\_retry

return urllib.request.urlretrieve(url, filename)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 248, in urlretrieve

with contextlib.closing(urlopen(url, data)) as fp:

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 223, in urlopen

return opener.open(url, data, timeout)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 526, in open

response = self.\_open(req, data)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 544, in \_open

'\_open', req)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 504, in \_call\_chain

result = func(\*args)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 1361, in https\_open

context=self.\_context, check\_hostname=self.\_check\_hostname)

File "/Users/watanuki/.pyenv/versions/3.6.3/lib/python3.6/urllib/request.py", line 1320, in do\_open

raise URLError(err)

urllib.error.URLError: <urlopen error [Errno 8] nodename nor servname provided, or not known>