Python3 VS Python2:

1. cPickle 重命名为 \_pickle

import cPickle 🡪import \_pickle as cPickle

1. cPickle.load 在Python中 default is to try and decode all string data as ASCII, so:

cPickle.load(file) 🡪 cPickle.load(file, encoding=’ latin1’)

1. Python 移除xrange，相对应的range拥有和xrange相同的功能‘

xrange 🡪 range

Tensorflow 0.10.0 VS 1.1.0

1. tf.nn.rnn\_cell 更改为tf.contrib.rnn；tf.nn.rnn 更改为tf.contrib.rnn.static\_rnn

basic\_rnn\_cell = tf.nn.rnn\_cell.BasicRNNCell(n\_hidden, input\_size=None, activation=tf.nn.tanh)

outputs, states = tf.nn.rnn(D3rnn\_cell, reshape, dtype=tf.float32)

🡪

basic\_rnn\_cell = tf.contrib.rnn.BasicRNNCell(n\_hidden, input\_size=None, activation=tf.nn.tanh)

outputs, states = tf.contrib.rnn.static\_rnn(basic\_rnn\_cell, reshape, dtype=tf.float32)

1. tf.nn.softmax\_cross\_entropy\_with\_logits 参数更新

tf.nn.softmax\_cross\_entropy\_with\_logits(pred, y)

🡪

tf.nn.softmax\_cross\_entropy\_with\_logits(logits=pred, labels=y)

1. summary 模块独立化

tf.scalar\_summary 🡪 tf.summary.scalar

tf.merge\_all\_summaries 🡪 tf.summary.merge\_all