0507任务

(tf-gpu) eric@eric-Y480:~/workspace/pyth\_and\_dl/pm\_rnn/mytutorial$ ls

data model.py \_\_pycache\_\_ read\_utils.py train.py tutorial\_rnn.ipynb

(tf-gpu) eric@eric-Y480:~/workspace/pyth\_and\_dl/pm\_rnn/mytutorial$

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(tf-gpu) eric@eric-Y480:~/workspace/pyth\_and\_dl/pm\_rnn/mytutorial$ python train.py \

> --input\_file data/shakespeare.txt \

> --name shakespeare \

> --num\_steps 50 \

> --num\_seqs 32 \

> --learning\_rate 0.01 \

> --max\_steps 20000

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WARNING:tensorflow:From /home/eric/workspace/pyth\_and\_dl/pm\_rnn/mytutorial/model.py:93: 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.

2019-05-07 18:28:34.188737: I tensorflow/core/platform/cpu\_feature\_guard.cc:140] Your CPU supports instructions that this TensorFlow binary was not compiled to use: SSE4.1 SSE4.2 AVX

2019-05-07 18:28:34.365112: I tensorflow/stream\_executor/cuda/cuda\_gpu\_executor.cc:898] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2019-05-07 18:28:34.365839: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1344] Found device 0 with properties:

name: GeForce GT 650M major: 3 minor: 0 memoryClockRate(GHz): 0.885

pciBusID: 0000:01:00.0

totalMemory: 1.95GiB freeMemory: 1.67GiB

2019-05-07 18:28:34.365896: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1423] Adding visible gpu devices: 0

2019-05-07 18:28:41.064134: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:911] Device interconnect StreamExecutor with strength 1 edge matrix:

2019-05-07 18:28:41.064234: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:917] 0

2019-05-07 18:28:41.064291: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:930] 0: N

2019-05-07 18:28:41.072767: I tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1041] Created TensorFlow device (/job:localhost/replica:0/task:0/device:GPU:0 with 1446 MB memory) -> physical GPU (device: 0, name: GeForce GT 650M, pci bus id: 0000:01:00.0, compute capability: 3.0)

step: 10/20000... loss: 3.4664... 0.1121 sec/batch

step: 20/20000... loss: 4.0879... 0.1122 sec/batch

step: 30/20000... loss: 3.2900... 0.1105 sec/batch

step: 40/20000... loss: 3.3640... 0.1111 sec/batch

step: 50/20000... loss: 3.2378... 0.1130 sec/batch

step: 60/20000... loss: 3.2038... 0.1106 sec/batch

step: 70/20000... loss: 3.1776... 0.1120 sec/batch

step: 80/20000... loss: 3.1188... 0.1128 sec/batch

step: 90/20000... loss: 3.0527... 0.1131 sec/batch

step: 100/20000... loss: 2.9515... 0.1109 sec/batch

step: 110/20000... loss: 2.8880... 0.1112 sec/batch

step: 120/20000... loss: 2.6871... 0.1129 sec/batch

step: 130/20000... loss: 2.7618... 0.1108 sec/batch

step: 140/20000... loss: 2.6659... 0.1115 sec/batch

step: 150/20000... loss: 2.6190... 0.1131 sec/batch

step: 160/20000... loss: 2.6717... 0.1111 sec/batch

step: 170/20000... loss: 2.5838... 0.1116 sec/batch

step: 180/20000... loss: 2.6216... 0.1163 sec/batch

step: 190/20000... loss: 2.5615... 0.1117 sec/batch

step: 200/20000... loss: 2.5530... 0.1098 sec/batch

step: 210/20000... loss: 2.5386... 0.1135 sec/batch

step: 220/20000... loss: 2.5232... 0.1117 sec/batch

step: 230/20000... loss: 2.4400... 0.1103 sec/batch

step: 240/20000... loss: 2.4324... 0.1106 sec/batch

step: 250/20000... loss: 2.4365... 0.1132 sec/batch

step: 260/20000... loss: 2.4451... 0.1129 sec/batch

step: 270/20000... loss: 2.3516... 0.1111 sec/batch

step: 280/20000... loss: 2.4051... 0.1118 sec/batch

step: 290/20000... loss: 2.3818... 0.1119 sec/batch

step: 300/20000... loss: 2.3791... 0.1118 sec/batch

step: 310/20000... loss: 2.3336... 0.1135 sec/batch

step: 320/20000... loss: 2.3467... 0.1134 sec/batch

step: 330/20000... loss: 2.3515... 0.1133 sec/batch

step: 340/20000... loss: 2.3463... 0.1134 sec/batch

step: 350/20000... loss: 2.3798... 0.1114 sec/batch

step: 360/20000... loss: 2.3443... 0.1108 sec/batch

step: 370/20000... loss: 2.3487... 0.1118 sec/batch

step: 380/20000... loss: 2.3105... 0.1138 sec/batch

step: 390/20000... loss: 2.2890... 0.1119 sec/batch

step: 400/20000... loss: 2.2088... 0.1125 sec/batch

step: 410/20000... loss: 2.2831... 0.1138 sec/batch

step: 420/20000... loss: 2.3099... 0.1130 sec/batch

step: 430/20000... loss: 2.3015... 0.1115 sec/batch

step: 440/20000... loss: 2.2912... 0.1105 sec/batch

step: 450/20000... loss: 2.2775... 0.1183 sec/batch

step: 460/20000... loss: 2.2557... 0.1109 sec/batch

step: 470/20000... loss: 2.2242... 0.1132 sec/batch

step: 480/20000... loss: 2.2429... 0.1115 sec/batch

step: 490/20000... loss: 2.2717... 0.1140 sec/batch

step: 500/20000... loss: 2.2101... 0.1278 sec/batch

step: 510/20000... loss: 2.1629... 0.1126 sec/batch

step: 520/20000... loss: 2.2662... 0.1101 sec/batch

step: 530/20000... loss: 2.2472... 0.1113 sec/batch

step: 540/20000... loss: 2.2393... 0.1118 sec/batch

step: 550/20000... loss: 2.1518... 0.1128 sec/batch

step: 560/20000... loss: 2.1849... 0.1146 sec/batch

step: 570/20000... loss: 2.1706... 0.1103 sec/batch

step: 580/20000... loss: 2.1882... 0.1125 sec/batch

step: 590/20000... loss: 2.2085... 0.1127 sec/batch

step: 600/20000... loss: 2.2481... 0.1121 sec/batch

step: 610/20000... loss: 2.1293... 0.1125 sec/batch

step: 620/20000... loss: 2.2089... 0.1169 sec/batch

step: 630/20000... loss: 2.2022... 0.1199 sec/batch

step: 640/20000... loss: 2.1145... 0.1138 sec/batch

step: 650/20000... loss: 2.2149... 0.1182 sec/batch

step: 660/20000... loss: 2.1645... 0.1102 sec/batch

step: 670/20000... loss: 2.1341... 0.1118 sec/batch

step: 680/20000... loss: 2.1192... 0.1113 sec/batch

step: 690/20000... loss: 2.0889... 0.1113 sec/batch

step: 700/20000... loss: 2.1477... 0.1114 sec/batch

step: 710/20000... loss: 2.1318... 0.1108 sec/batch

step: 720/20000... loss: 2.1122... 0.1125 sec/batch

step: 730/20000... loss: 2.1642... 0.1224 sec/batch

step: 740/20000... loss: 2.1474... 0.1112 sec/batch

step: 750/20000... loss: 2.1164... 0.1221 sec/batch

step: 760/20000... loss: 2.1019... 0.1106 sec/batch

step: 770/20000... loss: 2.0710... 0.1107 sec/batch

step: 780/20000... loss: 2.0918... 0.1110 sec/batch

step: 790/20000... loss: 2.1120... 0.1184 sec/batch

step: 800/20000... loss: 2.0929... 0.1115 sec/batch

step: 810/20000... loss: 2.1010... 0.1105 sec/batch

step: 820/20000... loss: 2.0327... 0.1143 sec/batch

step: 830/20000... loss: 2.0413... 0.1152 sec/batch

step: 840/20000... loss: 2.1102... 0.1143 sec/batch

step: 850/20000... loss: 2.0795... 0.1131 sec/batch

step: 860/20000... loss: 2.1107... 0.1114 sec/batch

step: 870/20000... loss: 2.1247... 0.1134 sec/batch

step: 880/20000... loss: 2.0499... 0.1114 sec/batch

step: 890/20000... loss: 2.1057... 0.1221 sec/batch

step: 900/20000... loss: 2.0389... 0.1114 sec/batch

step: 910/20000... loss: 2.0847... 0.1133 sec/batch

step: 920/20000... loss: 2.0358... 0.1127 sec/batch

step: 930/20000... loss: 2.0722... 0.1146 sec/batch

step: 940/20000... loss: 2.0188... 0.1151 sec/batch

step: 950/20000... loss: 2.0709... 0.1122 sec/batch

step: 960/20000... loss: 2.0243... 0.1121 sec/batch

step: 970/20000... loss: 2.0581... 0.1129 sec/batch

step: 980/20000... loss: 2.0808... 0.1266 sec/batch

step: 990/20000... loss: 2.0681... 0.1128 sec/batch

step: 1000/20000... loss: 2.0691... 0.1111 sec/batch

step: 1010/20000... loss: 2.0247... 0.1116 sec/batch

step: 1020/20000... loss: 2.0352... 0.1111 sec/batch

step: 1030/20000... loss: 2.0649... 0.1143 sec/batch

step: 1040/20000... loss: 2.0516... 0.1119 sec/batch

step: 1050/20000... loss: 2.0405... 0.1117 sec/batch

step: 1060/20000... loss: 2.0623... 0.1130 sec/batch

step: 1070/20000... loss: 2.0327... 0.1180 sec/batch

step: 1080/20000... loss: 1.9432... 0.1166 sec/batch

step: 1090/20000... loss: 2.0042... 0.1263 sec/batch

step: 1100/20000... loss: 1.9528... 0.1102 sec/batch

step: 1110/20000... loss: 2.0320... 0.1110 sec/batch

step: 1120/20000... loss: 2.0501... 0.1202 sec/batch

step: 1130/20000... loss: 1.9914... 0.1179 sec/batch

step: 1140/20000... loss: 2.0166... 0.1212 sec/batch

step: 1150/20000... loss: 2.0242... 0.1166 sec/batch

step: 1160/20000... loss: 1.9966... 0.1177 sec/batch

step: 1170/20000... loss: 2.0403... 0.1181 sec/batch

step: 1180/20000... loss: 1.9751... 0.1164 sec/batch

step: 1190/20000... loss: 1.9586... 0.1189 sec/batch

step: 1200/20000... loss: 2.0094... 0.1168 sec/batch

step: 1210/20000... loss: 2.0549... 0.1186 sec/batch

step: 1220/20000... loss: 1.9567... 0.1167 sec/batch

step: 1230/20000... loss: 2.0460... 0.1196 sec/batch

step: 1240/20000... loss: 2.0529... 0.1202 sec/batch

step: 1250/20000... loss: 1.9837... 0.1187 sec/batch

step: 1260/20000... loss: 2.0036... 0.1208 sec/batch

step: 1270/20000... loss: 2.0165... 0.1185 sec/batch

step: 1280/20000... loss: 2.0188... 0.1174 sec/batch

step: 1290/20000... loss: 1.9917... 0.1271 sec/batch

step: 1300/20000... loss: 2.0248... 0.1172 sec/batch

step: 1310/20000... loss: 2.0220... 0.1219 sec/batch

step: 1320/20000... loss: 2.0319... 0.1180 sec/batch

step: 1330/20000... loss: 2.1045... 0.1176 sec/batch

step: 1340/20000... loss: 1.9972... 0.1177 sec/batch

step: 1350/20000... loss: 2.0022... 0.1166 sec/batch

step: 1360/20000... loss: 2.0465... 0.1213 sec/batch

step: 1370/20000... loss: 1.9864... 0.1187 sec/batch

step: 1380/20000... loss: 2.0362... 0.1183 sec/batch

step: 1390/20000... loss: 1.9165... 0.1193 sec/batch

step: 1400/20000... loss: 1.9792... 0.1165 sec/batch

step: 1410/20000... loss: 1.9824... 0.1166 sec/batch

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step: 1440/20000... loss: 2.0575... 0.1190 sec/batch

step: 1450/20000... loss: 2.0472... 0.1198 sec/batch

step: 1460/20000... loss: 2.0021... 0.1212 sec/batch

step: 1470/20000... loss: 1.9042... 0.1184 sec/batch

step: 1480/20000... loss: 1.9997... 0.1240 sec/batch

step: 1490/20000... loss: 2.0884... 0.1186 sec/batch

step: 1500/20000... loss: 1.9220... 0.1179 sec/batch

step: 1510/20000... loss: 1.9558... 0.1165 sec/batch

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step: 9510/20000... loss: 1.8237... 0.1165 sec/batch

step: 9520/20000... loss: 1.8632... 0.1136 sec/batch

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step: 9540/20000... loss: 1.8521... 0.1147 sec/batch

step: 9550/20000... loss: 1.8026... 0.1163 sec/batch

step: 9560/20000... loss: 1.7860... 0.1117 sec/batch

step: 9570/20000... loss: 1.7247... 0.1165 sec/batch

step: 9580/20000... loss: 1.8235... 0.1169 sec/batch

step: 9590/20000... loss: 1.7837... 0.1206 sec/batch

step: 9600/20000... loss: 1.7759... 0.1139 sec/batch

step: 9610/20000... loss: 1.7945... 0.1109 sec/batch

step: 9620/20000... loss: 1.8116... 0.1179 sec/batch

step: 9630/20000... loss: 1.8394... 0.1110 sec/batch

step: 9640/20000... loss: 1.8909... 0.1138 sec/batch

step: 9650/20000... loss: 1.9017... 0.1206 sec/batch

step: 9660/20000... loss: 1.8157... 0.1183 sec/batch

step: 9670/20000... loss: 1.7941... 0.1355 sec/batch

step: 9680/20000... loss: 1.8329... 0.1354 sec/batch

step: 9690/20000... loss: 1.8127... 0.1376 sec/batch

step: 9700/20000... loss: 1.7955... 0.1156 sec/batch

step: 9710/20000... loss: 1.8743... 0.1163 sec/batch

step: 9720/20000... loss: 1.8166... 0.1144 sec/batch

step: 9730/20000... loss: 1.8139... 0.1133 sec/batch

step: 9740/20000... loss: 1.8422... 0.1125 sec/batch

step: 9750/20000... loss: 1.8092... 0.1111 sec/batch

step: 9760/20000... loss: 1.7430... 0.1191 sec/batch

step: 9770/20000... loss: 1.7856... 0.1153 sec/batch

step: 9780/20000... loss: 1.8409... 0.1158 sec/batch

step: 9790/20000... loss: 1.7841... 0.1139 sec/batch

step: 9800/20000... loss: 1.7843... 0.1146 sec/batch

step: 9810/20000... loss: 1.8150... 0.1140 sec/batch

step: 9820/20000... loss: 1.8291... 0.1133 sec/batch

step: 9830/20000... loss: 1.7810... 0.1181 sec/batch

step: 9840/20000... loss: 1.7876... 0.1389 sec/batch

step: 9850/20000... loss: 1.7889... 0.1349 sec/batch

step: 9860/20000... loss: 1.7835... 0.1360 sec/batch

step: 9870/20000... loss: 1.7974... 0.1157 sec/batch

step: 9880/20000... loss: 1.8426... 0.1175 sec/batch

step: 9890/20000... loss: 1.8352... 0.1154 sec/batch

step: 9900/20000... loss: 1.9194... 0.1176 sec/batch

step: 9910/20000... loss: 1.7787... 0.1116 sec/batch

step: 9920/20000... loss: 1.8160... 0.1122 sec/batch

step: 9930/20000... loss: 1.8184... 0.1143 sec/batch

step: 9940/20000... loss: 1.8624... 0.1166 sec/batch

step: 9950/20000... loss: 1.7694... 0.1210 sec/batch

step: 9960/20000... loss: 1.7821... 0.1100 sec/batch

step: 9970/20000... loss: 1.8713... 0.1131 sec/batch

step: 9980/20000... loss: 1.8937... 0.1111 sec/batch

step: 9990/20000... loss: 1.9010... 0.1109 sec/batch

step: 10000/20000... loss: 1.8245... 0.1124 sec/batch

step: 10010/20000... loss: 1.7629... 0.1138 sec/batch

step: 10020/20000... loss: 1.8441... 0.1168 sec/batch

step: 10030/20000... loss: 1.7975... 0.1167 sec/batch

step: 10040/20000... loss: 1.7562... 0.1214 sec/batch

step: 10050/20000... loss: 1.8660... 0.1135 sec/batch

step: 10060/20000... loss: 1.8469... 0.1139 sec/batch

step: 10070/20000... loss: 1.7927... 0.1143 sec/batch

step: 10080/20000... loss: 1.7811... 0.1112 sec/batch

step: 10090/20000... loss: 1.9031... 0.1161 sec/batch

step: 10100/20000... loss: 1.8382... 0.1180 sec/batch

step: 10110/20000... loss: 1.8658... 0.1166 sec/batch

step: 10120/20000... loss: 1.8433... 0.1164 sec/batch

step: 10130/20000... loss: 1.7932... 0.1144 sec/batch

step: 10140/20000... loss: 1.7768... 0.1420 sec/batch

step: 10150/20000... loss: 1.8307... 0.1350 sec/batch

step: 10160/20000... loss: 1.8439... 0.1406 sec/batch

step: 10170/20000... loss: 1.7925... 0.1229 sec/batch

step: 10180/20000... loss: 1.8689... 0.1152 sec/batch

step: 10190/20000... loss: 1.7499... 0.1156 sec/batch

step: 10200/20000... loss: 1.8182... 0.1148 sec/batch

step: 10210/20000... loss: 1.7234... 0.1206 sec/batch

step: 10220/20000... loss: 1.7187... 0.1177 sec/batch

step: 10230/20000... loss: 1.7843... 0.1164 sec/batch

step: 10240/20000... loss: 1.8381... 0.1150 sec/batch

step: 10250/20000... loss: 1.7691... 0.1118 sec/batch

step: 10260/20000... loss: 1.7137... 0.1130 sec/batch

step: 10270/20000... loss: 1.8134... 0.1150 sec/batch

step: 10280/20000... loss: 1.7779... 0.1151 sec/batch

step: 10290/20000... loss: 1.8336... 0.1125 sec/batch

step: 10300/20000... loss: 1.8032... 0.1162 sec/batch

step: 10310/20000... loss: 1.7955... 0.1363 sec/batch

step: 10320/20000... loss: 1.8317... 0.1344 sec/batch

step: 10330/20000... loss: 1.8131... 0.1352 sec/batch

step: 10340/20000... loss: 1.7383... 0.1187 sec/batch

step: 10350/20000... loss: 1.8024... 0.1153 sec/batch

step: 10360/20000... loss: 1.8107... 0.1152 sec/batch

step: 10370/20000... loss: 1.7761... 0.1194 sec/batch

step: 10380/20000... loss: 1.7357... 0.1168 sec/batch

step: 10390/20000... loss: 1.8014... 0.1170 sec/batch

step: 10400/20000... loss: 1.7374... 0.1159 sec/batch

step: 10410/20000... loss: 1.7515... 0.1130 sec/batch

step: 10420/20000... loss: 1.7809... 0.1134 sec/batch

step: 10430/20000... loss: 1.7801... 0.1112 sec/batch

step: 10440/20000... loss: 1.7301... 0.1111 sec/batch

step: 10450/20000... loss: 1.7427... 0.1121 sec/batch

step: 10460/20000... loss: 1.8150... 0.1159 sec/batch

step: 10470/20000... loss: 1.8473... 0.1160 sec/batch

step: 10480/20000... loss: 1.7911... 0.1176 sec/batch

step: 10490/20000... loss: 1.7814... 0.1171 sec/batch

step: 10500/20000... loss: 1.7470... 0.1145 sec/batch

step: 10510/20000... loss: 1.8706... 0.1114 sec/batch

step: 10520/20000... loss: 1.7312... 0.1134 sec/batch

step: 10530/20000... loss: 1.8258... 0.1123 sec/batch

step: 10540/20000... loss: 1.8486... 0.1153 sec/batch

step: 10550/20000... loss: 1.8366... 0.1367 sec/batch

step: 19000/20000... loss: 1.6589... 0.1187 sec/batch

step: 19010/20000... loss: 1.6887... 0.1125 sec/batch

step: 19020/20000... loss: 1.6929... 0.1117 sec/batch

step: 19030/20000... loss: 1.8281... 0.1106 sec/batch

step: 19040/20000... loss: 1.8120... 0.1163 sec/batch

step: 19050/20000... loss: 1.7664... 0.1188 sec/batch

step: 19060/20000... loss: 1.7403... 0.1147 sec/batch

step: 19070/20000... loss: 1.7865... 0.1112 sec/batch

step: 19080/20000... loss: 1.7419... 0.1121 sec/batch

step: 19090/20000... loss: 1.8702... 0.1116 sec/batch

step: 19100/20000... loss: 1.7632... 0.1128 sec/batch

step: 19110/20000... loss: 1.7289... 0.1137 sec/batch

step: 19120/20000... loss: 1.7529... 0.1316 sec/batch

step: 19130/20000... loss: 1.7520... 0.1337 sec/batch

step: 19140/20000... loss: 1.7405... 0.1351 sec/batch

step: 19150/20000... loss: 1.7575... 0.1165 sec/batch

step: 19160/20000... loss: 1.7993... 0.1158 sec/batch

step: 19170/20000... loss: 1.7286... 0.1208 sec/batch

step: 19180/20000... loss: 1.8171... 0.1161 sec/batch

step: 19190/20000... loss: 1.8050... 0.1123 sec/batch

step: 19200/20000... loss: 1.8014... 0.1125 sec/batch

step: 19210/20000... loss: 1.8171... 0.1114 sec/batch

step: 19220/20000... loss: 1.8073... 0.1122 sec/batch

step: 19230/20000... loss: 1.7485... 0.1149 sec/batch

step: 19240/20000... loss: 1.6861... 0.1103 sec/batch

step: 19250/20000... loss: 1.7797... 0.1161 sec/batch

step: 19260/20000... loss: 1.7235... 0.1157 sec/batch

step: 19270/20000... loss: 1.8072... 0.1163 sec/batch

step: 19280/20000... loss: 1.7008... 0.1413 sec/batch

step: 19290/20000... loss: 1.7767... 0.1371 sec/batch

step: 19300/20000... loss: 1.8312... 0.1346 sec/batch

step: 19310/20000... loss: 1.8083... 0.1209 sec/batch

step: 19320/20000... loss: 1.7372... 0.1143 sec/batch

step: 19330/20000... loss: 1.7948... 0.1179 sec/batch

step: 19340/20000... loss: 1.8144... 0.1159 sec/batch

step: 19350/20000... loss: 1.7975... 0.1117 sec/batch

step: 19360/20000... loss: 1.8693... 0.1121 sec/batch

step: 19370/20000... loss: 1.7837... 0.1160 sec/batch

step: 19380/20000... loss: 1.7594... 0.1205 sec/batch

step: 19390/20000... loss: 1.8162... 0.1213 sec/batch

step: 19400/20000... loss: 1.7633... 0.1164 sec/batch

step: 19410/20000... loss: 1.7604... 0.1159 sec/batch

step: 19420/20000... loss: 1.8727... 0.1135 sec/batch

step: 19430/20000... loss: 1.6946... 0.1109 sec/batch

step: 19440/20000... loss: 1.7094... 0.1120 sec/batch

step: 19450/20000... loss: 1.8886... 0.1126 sec/batch

step: 19460/20000... loss: 1.7854... 0.1155 sec/batch

step: 19470/20000... loss: 1.6811... 0.1165 sec/batch

step: 19480/20000... loss: 1.7247... 0.1157 sec/batch

step: 19490/20000... loss: 1.8039... 0.1131 sec/batch

step: 19500/20000... loss: 1.7684... 0.1151 sec/batch

step: 19510/20000... loss: 1.8402... 0.1158 sec/batch

step: 19520/20000... loss: 1.7979... 0.1289 sec/batch

step: 19530/20000... loss: 1.7811... 0.1318 sec/batch

step: 19540/20000... loss: 1.6826... 0.1343 sec/batch

step: 19550/20000... loss: 1.7761... 0.1146 sec/batch

step: 19560/20000... loss: 1.7818... 0.1183 sec/batch

step: 19570/20000... loss: 1.7557... 0.1183 sec/batch

step: 19580/20000... loss: 1.7500... 0.1133 sec/batch

step: 19590/20000... loss: 1.8077... 0.1112 sec/batch

step: 19600/20000... loss: 1.7280... 0.1174 sec/batch

step: 19610/20000... loss: 1.7212... 0.1178 sec/batch

step: 19620/20000... loss: 1.7402... 0.1165 sec/batch

step: 19630/20000... loss: 1.8165... 0.1109 sec/batch

step: 19640/20000... loss: 1.8372... 0.1127 sec/batch

step: 19650/20000... loss: 1.7966... 0.1104 sec/batch

step: 19660/20000... loss: 1.7642... 0.1129 sec/batch

step: 19670/20000... loss: 1.7541... 0.1186 sec/batch

step: 19680/20000... loss: 1.7515... 0.1201 sec/batch

step: 19690/20000... loss: 1.7657... 0.1298 sec/batch

step: 19700/20000... loss: 1.7236... 0.1351 sec/batch

step: 19710/20000... loss: 1.8094... 0.1324 sec/batch

step: 19720/20000... loss: 1.6651... 0.1140 sec/batch

step: 19730/20000... loss: 1.8280... 0.1168 sec/batch

step: 19740/20000... loss: 1.8063... 0.1154 sec/batch

step: 19750/20000... loss: 1.8097... 0.1153 sec/batch

step: 19760/20000... loss: 1.7324... 0.1112 sec/batch

step: 19770/20000... loss: 1.7959... 0.1108 sec/batch

step: 19780/20000... loss: 1.6838... 0.1192 sec/batch

step: 19790/20000... loss: 1.6973... 0.1193 sec/batch

step: 19800/20000... loss: 1.8241... 0.1147 sec/batch

step: 19810/20000... loss: 1.8518... 0.1112 sec/batch

step: 19820/20000... loss: 1.7778... 0.1092 sec/batch

step: 19830/20000... loss: 1.7662... 0.1125 sec/batch

step: 19840/20000... loss: 1.8058... 0.1121 sec/batch

step: 19850/20000... loss: 1.6267... 0.1182 sec/batch

step: 19860/20000... loss: 1.7991... 0.1155 sec/batch

step: 19870/20000... loss: 1.8411... 0.1152 sec/batch

step: 19880/20000... loss: 1.7604... 0.1107 sec/batch

step: 19890/20000... loss: 1.7117... 0.1116 sec/batch

step: 19900/20000... loss: 1.7568... 0.1125 sec/batch

step: 19910/20000... loss: 1.8661... 0.1132 sec/batch

step: 19920/20000... loss: 1.7008... 0.1172 sec/batch

step: 19930/20000... loss: 1.8153... 0.1332 sec/batch

step: 19940/20000... loss: 1.7819... 0.1364 sec/batch

step: 19950/20000... loss: 1.7221... 0.1326 sec/batch

step: 19960/20000... loss: 1.7033... 0.1160 sec/batch

step: 19970/20000... loss: 1.7466... 0.1140 sec/batch

step: 19980/20000... loss: 1.7750... 0.1155 sec/batch

step: 19990/20000... loss: 1.7324... 0.1135 sec/batch

step: 20000/20000... loss: 1.7636... 0.1128 sec/batch