Entering function \_\_main\_\_

Embedding tokens size=400001

Total data size is 250000

Our 5 labels to index dictionary ={u'turkey': 3, u'germany': 1, u'russia': 2, u'us': 4, u'france': 0}

Our 5 index to labels dictionary ={0: u'france', 1: u'germany', 2: u'russia', 3: u'turkey', 4: u'us'}

x\_train: 202500, x\_dev: 22500, x\_test: 25000

y\_train: 202500, y\_dev: 22500, y\_test: 25000

input\_data\_x\_batch shape: (100, 150)

input\_labels\_batch shape: (100, 5)

gru\_forward\_cell units: 64

gru\_backward\_cell units: 64

Epoch: 1/20 ---- best so far on epoch 0: acc=0.0000%

0)learning rate is 0.1

DEV accuracy on epoch 1/20 in train step 0 = 19.7333%

Class turkey : (4440/4440) -> accuracy: 100.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (0/4593) -> accuracy: 0.0000%

INFO:root: Saved model ../model\_temp/model.ckpt at epoch 1

INFO:root: Best accuracy 19.7333% at epoch 1/20 (4440/22500)

DEV accuracy on epoch 1/20 in train step 1012 = 38.2889%

Class turkey : (3129/4440) -> accuracy: 70.4730%

Class germany: (2574/4420) -> accuracy: 58.2353%

Class russia : (1347/4536) -> accuracy: 29.6958%

Class us : (412/4511) -> accuracy: 9.1332%

Class france : (1153/4593) -> accuracy: 25.1034%

INFO:root: Saved model ../model\_temp/model.ckpt at epoch 1

INFO:root: Best accuracy 38.2889% at epoch 1/20 (8615/22500)

DEV accuracy on epoch 1/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

###################################################################################################

Epoch: 2/20 ---- best so far on epoch 1: acc=38.2889%

1)learning rate is 0.01

DEV accuracy on epoch 2/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 2/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 2/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

###################################################################################################

Epoch: 3/20 ---- best so far on epoch 1: acc=38.2889%

2)learning rate is 0.01

DEV accuracy on epoch 3/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 3/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 3/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 4/20 ---- best so far on epoch 1: acc=38.2889%

3)learning rate is 0.01

DEV accuracy on epoch 4/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 4/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 4/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

###################################################################################################

Epoch: 5/20 ---- best so far on epoch 1: acc=38.2889%

4)learning rate is 0.001

DEV accuracy on epoch 5/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 5/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 5/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 6/20 ---- best so far on epoch 1: acc=38.2889%

5)learning rate is 0.001

DEV accuracy on epoch 6/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 6/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 6/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 7/20 ---- best so far on epoch 1: acc=38.2889%

6)learning rate is 0.001

DEV accuracy on epoch 7/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 7/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 7/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 8/20 ---- best so far on epoch 1: acc=38.2889%

7)learning rate is 0.001

DEV accuracy on epoch 8/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 8/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 8/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

###################################################################################################

Epoch: 9/20 ---- best so far on epoch 1: acc=38.2889%

8)learning rate is 0.001

DEV accuracy on epoch 9/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 9/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 9/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 10/20 ---- best so far on epoch 1: acc=38.2889%

9)learning rate is 0.001

DEV accuracy on epoch 10/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 10/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 10/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 11/20 ---- best so far on epoch 1: acc=38.2889%

10)learning rate is 0.001

DEV accuracy on epoch 11/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 11/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 11/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

###################################################################################################

Epoch: 12/20 ---- best so far on epoch 1: acc=38.2889%

11)learning rate is 0.001

DEV accuracy on epoch 12/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 12/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 12/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 13/20 ---- best so far on epoch 1: acc=38.2889%

12)learning rate is 0.001

DEV accuracy on epoch 13/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 13/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 13/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 14/20 ---- best so far on epoch 1: acc=38.2889%

13)learning rate is 0.001

DEV accuracy on epoch 14/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 14/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 14/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 15/20 ---- best so far on epoch 1: acc=38.2889%

14)learning rate is 0.001

DEV accuracy on epoch 15/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 15/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 15/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 16/20 ---- best so far on epoch 1: acc=38.2889%

15)learning rate is 0.001

DEV accuracy on epoch 16/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 16/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 16/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 17/20 ---- best so far on epoch 1: acc=38.2889%

16)learning rate is 0.001

DEV accuracy on epoch 17/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 17/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 17/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 18/20 ---- best so far on epoch 1: acc=38.2889%

17)learning rate is 0.001

DEV accuracy on epoch 18/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 18/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 18/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 19/20 ---- best so far on epoch 1: acc=38.2889%

18)learning rate is 0.001

DEV accuracy on epoch 19/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 19/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 19/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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Epoch: 20/20 ---- best so far on epoch 1: acc=38.2889%

19)learning rate is 0.001

DEV accuracy on epoch 20/20 in train step 0 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 20/20 in train step 1012 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

DEV accuracy on epoch 20/20 in train step 2024 = 20.4133%

Class turkey : (0/4440) -> accuracy: 0.0000%

Class germany: (0/4420) -> accuracy: 0.0000%

Class russia : (0/4536) -> accuracy: 0.0000%

Class us : (0/4511) -> accuracy: 0.0000%

Class france : (4593/4593) -> accuracy: 100.0000%

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\*\*\*Training is complete. Best accuracy 38.2889% at epoch 1/20

\*\*\*Testing...

INFO:tensorflow:Restoring parameters from ../model\_temp/model.ckpt

INFO:tensorflow:Restoring parameters from ../model\_temp/model.ckpt

Accuracy on test set - (9550/25000) -> accuracy: 38.2000%

Class turkey : (3422/4971) -> accuracy: 68.8393%

Class germany: (2941/5035) -> accuracy: 58.4111%

Class russia : (1493/5020) -> accuracy: 29.7410%

Class us : (465/4954) -> accuracy: 9.3864%

Class france : (1229/5020) -> accuracy: 24.4821%

End summary ----------------------

data:

DATA\_FILE\_PATH is ../input/5way\_tur\_ger\_rus\_fra\_usa25-150.txt

MINIMUM\_ROW\_LENGTH is 25

MAXIMUM\_ROW\_LENGTH is 150

COUNT\_WORD is 20

lines\_per\_class is 50000

number of classes is 5

Total data size is 250000

embedding:

EMB\_FILE\_PATH ../input/glove.6B.50d.txt

EMB\_DIM 50

EMB\_WORDS\_COUNT 400001

run config:

EPOCHS 20

BATCH\_SIZE 100

evaluating on dev data 3 times per epoch

KEEP\_PROB 0.5

BATCH\_SIZE 100

LSTM\_HIDDEN\_UNITS 64

LSTM\_CELL\_TYPE GRU

optimizer is adamOptimizer - learn rate: 3 epochs 0.1, 7 epochs 0.01 and the rest 0.001

model:

USE\_TMP\_FOLDER True

mdl\_path ../model\_temp/model.ckpt

results:

best training acc 38.2888888889

testing acc 38.2

Time(HH:MM:SS): 04:36:39

Leaving function \_\_main\_\_