```
Last login: Mon May 20 17:39:18 on ttys000
Mohammeds-MacBook-Air:Hand-Gesture-Recognition-Using-Background-Elllimination-and-Convolution-Neural-Network-master 2 daaniyaal$ p
ython ModelTrainer
/Library/Frameworks/Python.framework/Versions/3.6/Resources/Python.app/Contents/MacOS/Python: can't open file 'ModelTrainer': [Err
no 2] No such file or directory
Mohammeds-MacBook-Air:Hand-Gesture-Recognition-Using-Background-Elllimination-and-Convolution-Neural-Network-master 2 daaniyaal$ p
ython ModelTrainer2.py
WARNING:tensorflow:From /Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages/tensorflow/python/framework/
op_def_library.py:263: colocate_with (from tensorflow.python.framework.ops) is deprecated and will be removed in a future version.
Instructions for updating:
Colocations handled automatically by placer.
WARNING:tensorflow:From /Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages/tflearn/initializations.py:1
19: UniformUnitScaling.__init__ (from tensorflow.python.ops.init_ops) is deprecated and will be removed in a future version.
Instructions for updating:
Use tf.initializers.variance_scaling instead with distribution=uniform to get equivalent behavior.
WARNING:tensorflow:From /Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages/tflearn/layers/core.py:239:
calling dropout (from tensorflow.python.ops.nn_ops) with keep_prob is deprecated and will be removed in a future version.
Instructions for updating:
Please use `rate` instead of `keep_prob`. Rate should be set to `rate = 1 - keep_prob`.
WARNING:tensorflow:From /Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages/tflearn/objectives.py:66: ca
lling reduce_sum_v1 (from tensorflow.python.ops.math_ops) with keep_dims is deprecated and will be removed in a future version.
Instructions for updating:
keep_dims is deprecated, use keepdims instead
2019-05-20 17:44:18.072353: I tensorflow/core/platform/cpu_feature_guard.cc:141] Your CPU supports instructions that this TensorFl
ow binary was not compiled to use: AVX2 FMA
WARNING:tensorflow:From /Library/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages/tensorflow/python/ops/math_o
ps.py:3066: to_int32 (from tensorflow.python.ops.math_ops) is deprecated and will be removed in a future version.
Instructions for updating:
Use tf.cast instead.
---------------------------------
Run id: convnet_coursera
Log directory: /tmp/tflearn_logs/
---------------------------------
Training samples: 4000
Validation samples: 400
--
Training Step: 63  | total loss: 0.01381 | time: 123.941s
| Adam | epoch: 001 | loss: 0.01381 - acc: 0.9989 | val_loss: 0.14067 - val_acc: 0.9575 -- iter: 4000/4000
--
Training Step: 100  | total loss: 0.81865 | time: 63.126s
| Adam | epoch: 002 | loss: 0.81865 - acc: 0.9559 | val_loss: 0.30486 - val_acc: 0.9250 -- iter: 2368/4000
--
Training Step: 126  | total loss: 0.05393 | time: 92.209s
| Adam | epoch: 002 | loss: 0.05393 - acc: 0.9972 | val_loss: 0.20488 - val_acc: 0.9475 -- iter: 4000/4000
--
Training Step: 189  | total loss: 0.08246 | time: 70.286s
| Adam | epoch: 003 | loss: 0.08246 - acc: 0.9943 | val_loss: 0.26981 - val_acc: 0.9175 -- iter: 4000/4000
--
Training Step: 200  | total loss: 0.02598 | time: 14.051s
| Adam | epoch: 004 | loss: 0.02598 - acc: 0.9982 | val_loss: 0.18009 - val_acc: 0.9475 -- iter: 0704/4000
--
Training Step: 252  | total loss: 0.08270 | time: 86.035s
| Adam | epoch: 004 | loss: 0.08270 - acc: 0.9948 | val_loss: 0.44397 - val_acc: 0.8500 -- iter: 4000/4000
--
Training Step: 300  | total loss: 0.41787 | time: 58.147s
| Adam | epoch: 005 | loss: 0.41787 - acc: 0.9745 | val_loss: 1.20315 - val_acc: 0.6325 -- iter: 3072/4000
--
Training Step: 315  | total loss: 0.08619 | time: 81.752s
| Adam | epoch: 005 | loss: 0.08619 - acc: 0.9947 | val_loss: 0.52503 - val_acc: 0.8800 -- iter: 4000/4000
--
Training Step: 378  | total loss: 0.10754 | time: 80.649s
| Adam | epoch: 006 | loss: 0.10754 - acc: 0.9948 | val_loss: 0.28804 - val_acc: 0.9450 -- iter: 4000/4000
--
Training Step: 400  | total loss: 0.01060 | time: 42.429s
| Adam | epoch: 007 | loss: 0.01060 - acc: 0.9995 | val_loss: 0.14510 - val_acc: 0.9625 -- iter: 1408/4000
--
/Users/daaniyaal/Desktop/cocubes.pdf Training Step: 434  | total loss: 0.25548 |Training Step: 441  | total loss: 0.12226 | time:
100.420s 3520/4000
| Adam | epoch: 007 | loss: 0.12226 - acc: 0.9931 | val_loss: 0.37798 - val_acc: 0.9325 -- iter: 4000/4000
--
Training Step: 500  | total loss: 0.17687 | time: 68.933s
| Adam | epoch: 008 | loss: 0.17687 - acc: 0.9914 | val_loss: 0.06247 - val_acc: 0.9725 -- iter: 3776/4000
--
Training Step: 504  | total loss: 0.11606 | time: 74.376s
| Adam | epoch: 008 | loss: 0.11606 - acc: 0.9944 | val_loss: 0.04208 - val_acc: 0.9850 -- iter: 4000/4000
--
Training Step: 567  | total loss: 0.11034 | time: 63.506s
| Adam | epoch: 009 | loss: 0.11034 - acc: 0.9943 | val_loss: 0.35004 - val_acc: 0.9550 -- iter: 4000/4000
--
Training Step: 600  | total loss: 0.00341 | time: 33.281s
| Adam | epoch: 010 | loss: 0.00341 - acc: 0.9998 | val_loss: 0.55766 - val_acc: 0.9500 -- iter: 2112/4000
--
Training Step: 630  | total loss: 0.16320 | time: 64.541s
| Adam | epoch: 010 | loss: 0.16320 - acc: 0.9926 | val_loss: 0.19589 - val_acc: 0.9275 -- iter: 4000/4000
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Training Step: 693  | total loss: 0.12623 | time: 63.309s
| Adam | epoch: 011 | loss: 0.12623 - acc: 0.9932 | val_loss: 0.12696 - val_acc: 0.9500 -- iter: 4000/4000
--
Training Step: 700  | total loss: 0.06038 | time: 8.262s
| Adam | epoch: 012 | loss: 0.06038 - acc: 0.9967 | val_loss: 0.17373 - val_acc: 0.9350 -- iter: 0448/4000
--
Training Step: 756  | total loss: 0.19270 | time: 63.009s
| Adam | epoch: 012 | loss: 0.19270 - acc: 0.9912 | val_loss: 0.23730 - val_acc: 0.9100 -- iter: 4000/4000
--
Training Step: 800  | total loss: 1.25900 | time: 43.170s
| Adam | epoch: 013 | loss: 1.25900 - acc: 0.9343 | val_loss: 0.12270 - val_acc: 0.9575 -- iter: 2816/4000
--
Training Step: 819  | total loss: 0.17937 | time: 62.835s
| Adam | epoch: 013 | loss: 0.17937 - acc: 0.9911 | val_loss: 0.18698 - val_acc: 0.9350 -- iter: 4000/4000
--
Training Step: 882  | total loss: 0.20168 | time: 61.414s
| Adam | epoch: 014 | loss: 0.20168 - acc: 0.9890 | val_loss: 0.21536 - val_acc: 0.9550 -- iter: 4000/4000
--
Training Step: 900  | total loss: 0.03033 | time: 17.758s
| Adam | epoch: 015 | loss: 0.03033 - acc: 0.9983 | val_loss: 0.20535 - val_acc: 0.9650 -- iter: 1152/4000
--
Training Step: 945  | total loss: 0.25447 | time: 62.707s
| Adam | epoch: 015 | loss: 0.25447 - acc: 0.9862 | val_loss: 0.68523 - val_acc: 0.8150 -- iter: 4000/4000
--
Training Step: 1000  | total loss: 0.55161 | time: 53.496s
| Adam | epoch: 016 | loss: 0.55161 - acc: 0.9683 | val_loss: 0.31411 - val_acc: 0.9025 -- iter: 3520/4000
--
Training Step: 1008  | total loss: 0.24446 | time: 62.534s
| Adam | epoch: 016 | loss: 0.24446 - acc: 0.9864 | val_loss: 0.16895 - val_acc: 0.9575 -- iter: 4000/4000
--
Training Step: 1071  | total loss: 0.34664 | time: 61.203s
| Adam | epoch: 017 | loss: 0.34664 - acc: 0.9845 | val_loss: 0.15713 - val_acc: 0.9500 -- iter: 4000/4000
--
Training Step: 1100  | total loss: 0.01646 | time: 28.413s
| Adam | epoch: 018 | loss: 0.01646 - acc: 0.9993 | val_loss: 0.14556 - val_acc: 0.9550 -- iter: 1856/4000
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Training Step: 1134  | total loss: 0.29428 | time: 62.485s
| Adam | epoch: 018 | loss: 0.29428 - acc: 0.9839 | val_loss: 0.42134 - val_acc: 0.8575 -- iter: 4000/4000
--
Training Step: 1197  | total loss: 0.36814 | time: 61.188s
| Adam | epoch: 019 | loss: 0.36814 - acc: 0.9809 | val_loss: 0.16900 - val_acc: 0.9575 -- iter: 4000/4000
--
Training Step: 1200  | total loss: 0.27050 | time: 4.204s
| Adam | epoch: 020 | loss: 0.27050 - acc: 0.9861 | val_loss: 0.17994 - val_acc: 0.9600 -- iter: 0192/4000
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Training Step: 1260  | total loss: 0.34289 | time: 62.684s
| Adam | epoch: 020 | loss: 0.34289 - acc: 0.9779 | val_loss: 0.19448 - val_acc: 0.9450 -- iter: 4000/4000
--
Training Step: 1300  | total loss: 0.00516 | time: 38.860s
| Adam | epoch: 021 | loss: 0.00516 - acc: 0.9997 | val_loss: 0.28318 - val_acc: 0.9250 -- iter: 2560/4000
--
Training Step: 1323  | total loss: 0.37490 | time: 62.502s
| Adam | epoch: 021 | loss: 0.37490 - acc: 0.9789 | val_loss: 0.13032 - val_acc: 0.9650 -- iter: 4000/4000
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Training Step: 1386  | total loss: 0.41150 | time: 61.319s
| Adam | epoch: 022 | loss: 0.41150 - acc: 0.9738 | val_loss: 0.12180 - val_acc: 0.9825 -- iter: 4000/4000
--
Training Step: 1400  | total loss: 0.09724 | time: 14.838s
| Adam | epoch: 023 | loss: 0.09724 - acc: 0.9940 | val_loss: 0.12571 - val_acc: 0.9575 -- iter: 0896/4000
--
Training Step: 1449  | total loss: 0.44319 | time: 63.110s
| Adam | epoch: 023 | loss: 0.44319 - acc: 0.9715 | val_loss: 0.19386 - val_acc: 0.9650 -- iter: 4000/4000
--
Training Step: 1500  | total loss: 0.00219 | time: 49.503s
| Adam | epoch: 024 | loss: 0.00219 - acc: 0.9999 | val_loss: 0.33692 - val_acc: 0.9275 -- iter: 3264/4000
--
Training Step: 1512  | total loss: 0.59651 | time: 62.360s
| Adam | epoch: 024 | loss: 0.59651 - acc: 0.9650 | val_loss: 0.30262 - val_acc: 0.9325 -- iter: 4000/4000
--
Training Step: 1575  | total loss: 0.54827 | time: 61.118s
| Adam | epoch: 025 | loss: 0.54827 - acc: 0.9656 | val_loss: 0.28353 - val_acc: 0.9225 -- iter: 4000/4000
--
Training Step: 1600  | total loss: 0.04255 | time: 24.563s
| Adam | epoch: 026 | loss: 0.04255 - acc: 0.9975 | val_loss: 0.38210 - val_acc: 0.9275 -- iter: 1600/4000
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Training Step: 1638  | total loss: 0.59725 | time: 62.466s
| Adam | epoch: 026 | loss: 0.59725 - acc: 0.9601 | val_loss: 0.44209 - val_acc: 0.8600 -- iter: 4000/4000
--
Training Step: 1700  | total loss: 0.69862 | time: 76.434s
| Adam | epoch: 027 | loss: 0.69862 - acc: 0.9487 | val_loss: 0.19336 - val_acc: 0.9600 -- iter: 3968/4000
--
Training Step: 1701  | total loss: 0.63004 | time: 80.715s
| Adam | epoch: 027 | loss: 0.63004 - acc: 0.9538 | val_loss: 0.20799 - val_acc: 0.9600 -- iter: 4000/4000
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Training Step: 1764  | total loss: 0.66864 | time: 100.602s
| Adam | epoch: 028 | loss: 0.66864 - acc: 0.9548 | val_loss: 0.17587 - val_acc: 0.9575 -- iter: 4000/4000
--
Training Step: 1800  | total loss: 0.01745 | time: 62.848s
| Adam | epoch: 029 | loss: 0.01745 - acc: 0.9990 | val_loss: 0.24016 - val_acc: 0.9325 -- iter: 2304/4000
--
Training Step: 1827  | total loss: 0.69878 | time: 112.024s
| Adam | epoch: 029 | loss: 0.69878 - acc: 0.9441 | val_loss: 0.20888 - val_acc: 0.9300 -- iter: 4000/4000
--
Training Step: 1890  | total loss: 0.72271 | time: 109.579s
| Adam | epoch: 030 | loss: 0.72271 - acc: 0.9392 | val_loss: 0.31388 - val_acc: 0.9025 -- iter: 4000/4000
--
Training Step: 1900  | total loss: 0.26835 | time: 19.952s
| Adam | epoch: 031 | loss: 0.26835 - acc: 0.9788 | val_loss: 0.24609 - val_acc: 0.9400 -- iter: 0640/4000
--
Training Step: 1953  | total loss: 0.76351 | time: 112.620s
| Adam | epoch: 031 | loss: 0.76351 - acc: 0.9324 | val_loss: 0.17871 - val_acc: 0.9525 -- iter: 4000/4000
--
Training Step: 2000  | total loss: 0.00712 | time: 82.007s
| Adam | epoch: 032 | loss: 0.00712 - acc: 0.9995 | val_loss: 0.27696 - val_acc: 0.9275 -- iter: 3008/4000
--
Training Step: 2016  | total loss: 0.76421 | time: 112.304s
| Adam | epoch: 032 | loss: 0.76421 - acc: 0.9280 | val_loss: 0.25350 - val_acc: 0.9325 -- iter: 4000/4000
--
Training Step: 2079  | total loss: 0.00135 | time: 109.625s
| Adam | epoch: 033 | loss: 0.00135 - acc: 0.9999 | val_loss: 0.21078 - val_acc: 0.9375 -- iter: 4000/4000
--
Training Step: 2100  | total loss: 0.13180 | time: 21.896s
| Adam | epoch: 034 | loss: 0.13180 - acc: 0.9905 | val_loss: 0.18194 - val_acc: 0.9500 -- iter: 1344/4000
--
Training Step: 2142  | total loss: 0.00194 | time: 64.349s
| Adam | epoch: 034 | loss: 0.00194 - acc: 0.9999 | val_loss: 0.27196 - val_acc: 0.9300 -- iter: 4000/4000
--
Training Step: 2200  | total loss: 0.00316 | time: 57.660s
| Adam | epoch: 035 | loss: 0.00316 - acc: 0.9998 | val_loss: 0.25786 - val_acc: 0.9425 -- iter: 3712/4000
--
Training Step: 2205  | total loss: 0.00195 | time: 63.907s
| Adam | epoch: 035 | loss: 0.00195 - acc: 0.9999 | val_loss: 0.25794 - val_acc: 0.9425 -- iter: 4000/4000
--
Training Step: 2268  | total loss: 0.00257 | time: 67.376s
| Adam | epoch: 036 | loss: 0.00257 - acc: 0.9999 | val_loss: 0.28610 - val_acc: 0.9325 -- iter: 4000/4000
--
Training Step: 2300  | total loss: 0.04723 | time: 38.612s
| Adam | epoch: 037 | loss: 0.04723 - acc: 0.9967 | val_loss: 0.35303 - val_acc: 0.8975 -- iter: 2048/4000
--
Training Step: 2331  | total loss: 0.00231 | time: 78.066s
| Adam | epoch: 037 | loss: 0.00231 - acc: 0.9999 | val_loss: 0.38625 - val_acc: 0.9025 -- iter: 4000/4000
--
Training Step: 2394  | total loss: 0.00288 | time: 61.488s
| Adam | epoch: 038 | loss: 0.00288 - acc: 0.9998 | val_loss: 0.28007 - val_acc: 0.9375 -- iter: 4000/4000
--
Training Step: 2400  | total loss: 1.00562 | time: 7.088s
| Adam | epoch: 039 | loss: 1.00562 - acc: 0.9233 | val_loss: 0.64876 - val_acc: 0.7675 -- iter: 0384/4000
--
Training Step: 2457  | total loss: 0.00286 | time: 62.416s
| Adam | epoch: 039 | loss: 0.00286 - acc: 0.9998 | val_loss: 0.37828 - val_acc: 0.9150 -- iter: 4000/4000
--
Training Step: 2500  | total loss: 0.02546 | time: 41.818s
| Adam | epoch: 040 | loss: 0.02546 - acc: 0.9984 | val_loss: 0.30157 - val_acc: 0.9175 -- iter: 2752/4000
--
Training Step: 2520  | total loss: 0.00339 | time: 62.428s
| Adam | epoch: 040 | loss: 0.00339 - acc: 0.9998 | val_loss: 0.30648 - val_acc: 0.9150 -- iter: 4000/4000
--
Training Step: 2583  | total loss: 0.00418 | time: 60.958s
| Adam | epoch: 041 | loss: 0.00418 - acc: 0.9997 | val_loss: 0.25756 - val_acc: 0.9300 -- iter: 4000/4000
--
Training Step: 2600  | total loss: 0.36087 | time: 17.656s
| Adam | epoch: 042 | loss: 0.36087 - acc: 0.9683 | val_loss: 0.42849 - val_acc: 0.8650 -- iter: 1088/4000
--
Training Step: 2646  | total loss: 0.00440 | time: 62.337s
| Adam | epoch: 042 | loss: 0.00440 - acc: 0.9998 | val_loss: 0.24124 - val_acc: 0.9300 -- iter: 4000/4000
--
Training Step: 2700  | total loss: 0.01144 | time: 53.325s
| Adam | epoch: 043 | loss: 0.01144 - acc: 0.9993 | val_loss: 0.28679 - val_acc: 0.9225 -- iter: 3456/4000
--
Training Step: 2709  | total loss: 0.00482 | time: 63.416s
| Adam | epoch: 043 | loss: 0.00482 - acc: 0.9997 | val_loss: 0.26305 - val_acc: 0.9250 -- iter: 4000/4000
--
Training Step: 2772  | total loss: 0.00564 | time: 61.834s
| Adam | epoch: 044 | loss: 0.00564 - acc: 0.9997 | val_loss: 0.24106 - val_acc: 0.9275 -- iter: 4000/4000
--
Training Step: 2800  | total loss: 0.13543 | time: 28.662s
| Adam | epoch: 045 | loss: 0.13543 - acc: 0.9881 | val_loss: 0.36687 - val_acc: 0.8825 -- iter: 1792/4000
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Training Step: 2835  | total loss: 0.00540 | time: 63.209s
| Adam | epoch: 045 | loss: 0.00540 - acc: 0.9997 | val_loss: 0.56087 - val_acc: 0.8375 -- iter: 4000/4000
--
Training Step: 2898  | total loss: 0.00754 | time: 62.233s
| Adam | epoch: 046 | loss: 0.00754 - acc: 0.9996 | val_loss: 0.57286 - val_acc: 0.8275 -- iter: 4000/4000
--
Training Step: 2900  | total loss: 0.00632 | time: 3.308s
| Adam | epoch: 047 | loss: 0.00632 - acc: 0.9997 | val_loss: 0.57567 - val_acc: 0.8300 -- iter: 0128/4000
--
Training Step: 2961  | total loss: 0.00841 | time: 63.395s
| Adam | epoch: 047 | loss: 0.00841 - acc: 0.9996 | val_loss: 0.29003 - val_acc: 0.9125 -- iter: 4000/4000
--
Training Step: 3000  | total loss: 0.07852 | time: 39.498s
| Adam | epoch: 048 | loss: 0.07852 - acc: 0.9935 | val_loss: 0.44868 - val_acc: 0.8275 -- iter: 2496/4000
--
Training Step: 3024  | total loss: 0.00925 | time: 63.500s
| Adam | epoch: 048 | loss: 0.00925 - acc: 0.9995 | val_loss: 0.73209 - val_acc: 0.8025 -- iter: 4000/4000
--
Training Step: 3087  | total loss: 0.01047 | time: 62.082s
| Adam | epoch: 049 | loss: 0.01047 - acc: 0.9995 | val_loss: 0.43636 - val_acc: 0.8525 -- iter: 4000/4000
--
Training Step: 3100  | total loss: 0.00407 | time: 14.080s
| Adam | epoch: 050 | loss: 0.00407 - acc: 0.9999 | val_loss: 0.46422 - val_acc: 0.8475 -- iter: 0832/4000
--
Training Step: 3150  | total loss: 0.01324 | time: 63.130s
| Adam | epoch: 050 | loss: 0.01324 - acc: 0.9994 | val_loss: 0.28639 - val_acc: 0.9200 -- iter: 4000/4000
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Mohammeds-MacBook-Air:Hand-Gesture-Recognition-Using-Background-Elllimination-and-Convolution-Neural-Network-master 2 daaniyaal$
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