

```

1 "C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\python.exe" E:/Thomas/one-man-rps/
  prototype-scripts/src/train_network_generators.py
2 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorflow\python\
  framework\dtypes.py:516: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is deprecated
  ; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
3 _np_qint8 = np.dtype(["qint8", np.int8, 1])
4 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorflow\python\
  framework\dtypes.py:517: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is deprecated
  ; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
5 _np_quint8 = np.dtype(["quint8", np.uint8, 1])
6 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorflow\python\
  framework\dtypes.py:518: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is deprecated
  ; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
7 _np_qint16 = np.dtype(["qint16", np.int16, 1])
8 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorflow\python\
  framework\dtypes.py:519: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is deprecated
  ; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
9 _np_quint16 = np.dtype(["quint16", np.uint16, 1])
10 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorflow\python\
  framework\dtypes.py:520: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is deprecated
  ; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
11 _np_qint32 = np.dtype(["qint32", np.int32, 1])
12 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorflow\python\
  framework\dtypes.py:525: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is deprecated
  ; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
13 _np_resource = np.dtype(["resource", np.ubyte, 1])
14 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorboard\compat\
  tensorflow_stub\dtypes.py:541: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is
  deprecated; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
15 _np_qint8 = np.dtype(["qint8", np.int8, 1])
16 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorboard\compat\
  tensorflow_stub\dtypes.py:542: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is
  deprecated; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
17 _np_quint8 = np.dtype(["quint8", np.uint8, 1])
18 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorboard\compat\
  tensorflow_stub\dtypes.py:543: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is
  deprecated; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
19 _np_qint16 = np.dtype(["qint16", np.int16, 1])
20 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorboard\compat\
  tensorflow_stub\dtypes.py:544: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is
  deprecated; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
21 _np_quint16 = np.dtype(["quint16", np.uint16, 1])
22 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorboard\compat\
  tensorflow_stub\dtypes.py:545: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is
  deprecated; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
23 _np_qint32 = np.dtype(["qint32", np.int32, 1])
24 C:\Users\Thomas Lienbacher\AppData\Local\Programs\Python\Python37\lib\site-packages\tensorboard\compat\
  tensorflow_stub\dtypes.py:550: FutureWarning: Passing (type, 1) or 'ltype' as a synonym of type is
  deprecated; in a future version of numpy, it will be understood as (type, (1,)) / '(1,)type'.
25 _np_resource = np.dtype(["resource", np.ubyte, 1])
26 Working in: E:/Thomas/one-man-rps/data
27 batch size 84
28 epochs 23
29 steps per epoch 160.0
30 class names ['empty' 'paper' 'rock' 'scissors']
31 train ImageDataGenerator:
32 {'_validation_split': 0.0,
33  'brightness_range': (0.8, 1.2),
34  'channel_axis': 3,
35  'channel_shift_range': 0.0,
36  'col_axis': 2,
37  'cval': 0.0,
38  'data_format': 'channels_last',
39  'dtype': 'float32',
40  'featurewise_center': False,
41  'featurewise_std_normalization': False,
42  'fill_mode': 'nearest',
43  'height_shift_range': 0.15,
44  'horizontal_flip': True,
45  'interpolation_order': 1,
46  'mean': None,
47  'preprocessing_function': None,
48  'principal_components': None,
49  'rescale': 0.00392156862745098,
50  'rotation_range': 15,
51  'row_axis': 1,
52  'samplewise_center': False,

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53 'samplewise_std_normalization': False,
54 'shear_range': 0.15,
55 'std': None,
56 'vertical_flip': False,
57 'width_shift_range': 0.15,
58 'zca_epsilon': 1e-06,
59 'zca_whitening': False,
60 'zoom_range': [0.85, 1.15]}
61 Found 40208 images belonging to 4 classes.
62 Found 19808 images belonging to 4 classes.
63 WARNING: Logging before flag parsing goes to stderr.
64 W0315 21:33:59.416292 6204 deprecation.py:506] From C:\Users\Thomas Lienbacher\AppData\Local\Programs\
Python\Python37\lib\site-packages\tensorflow\python\ops\init_ops.py:1251: calling VarianceScaling.
__init__ (from tensorflow.python.ops.init_ops) with dtype is deprecated and will be removed in a future
version.
65 Instructions for updating:
66 Call initializer instance with the dtype argument instead of passing it to the constructor
67 2020-03-15 21:33:59.675376: I tensorflow/core/platform/cpu_feature_guard.cc:142] Your CPU supports
instructions that this TensorFlow binary was not compiled to use: AVX2
68 Epoch 1/23
69
70 1/160 [.....] - ETA: 10:55 - loss: 1.3833 - acc: 0.2262
71 2/160 [.....] - ETA: 8:48 - loss: 1.3894 - acc: 0.2321
72 3/160 [.....] - ETA: 8:24 - loss: 1.3987 - acc: 0.2302
73 4/160 [.....] - ETA: 8:21 - loss: 1.3963 - acc: 0.2321
74 5/160 [.....] - ETA: 8:10 - loss: 1.3965 - acc: 0.2357
75 6/160 [>.....] - ETA: 8:13 - loss: 1.3950 - acc: 0.2421
76 7/160 [>.....] - ETA: 8:10 - loss: 1.3936 - acc: 0.2517
77 8/160 [>.....] - ETA: 8:05 - loss: 1.3913 - acc: 0.2589
78 9/160 [>.....] - ETA: 8:00 - loss: 1.3912 - acc: 0.2540
79 10/160 [>.....] - ETA: 7:54 - loss: 1.3894 - acc: 0.2667
80 11/160 [=>.....] - ETA: 7:48 - loss: 1.3867 - acc: 0.2814
81 12/160 [=>.....] - ETA: 7:44 - loss: 1.3859 - acc: 0.2778
82 13/160 [=>.....] - ETA: 7:37 - loss: 1.3839 - acc: 0.2857
83 14/160 [=>.....] - ETA: 7:34 - loss: 1.3837 - acc: 0.2823
84 15/160 [=>.....] - ETA: 7:30 - loss: 1.3839 - acc: 0.2810
85 16/160 [==>.....] - ETA: 7:24 - loss: 1.3828 - acc: 0.2790
86 17/160 [==>.....] - ETA: 7:19 - loss: 1.3796 - acc: 0.2962
87 18/160 [==>.....] - ETA: 7:15 - loss: 1.3749 - acc: 0.3056
88 19/160 [==>.....] - ETA: 7:11 - loss: 1.3700 - acc: 0.3120
89 20/160 [==>.....] - ETA: 7:06 - loss: 1.3658 - acc: 0.3173
90 21/160 [==>.....] - ETA: 7:02 - loss: 1.3556 - acc: 0.3277
91 22/160 [====>.....] - ETA: 6:57 - loss: 1.3531 - acc: 0.3285
92 23/160 [====>.....] - ETA: 6:55 - loss: 1.3502 - acc: 0.3261
93 24/160 [====>.....] - ETA: 6:50 - loss: 1.3390 - acc: 0.3383
94 25/160 [====>.....] - ETA: 6:48 - loss: 1.3386 - acc: 0.3376
95 26/160 [====>.....] - ETA: 6:45 - loss: 1.3400 - acc: 0.3356
96 27/160 [====>.....] - ETA: 6:41 - loss: 1.3331 - acc: 0.3377
97 28/160 [====>.....] - ETA: 6:37 - loss: 1.3332 - acc: 0.3346
98 29/160 [====>.....] - ETA: 6:34 - loss: 1.3282 - acc: 0.3346
99 30/160 [====>.....] - ETA: 6:31 - loss: 1.3168 - acc: 0.3452
100 31/160 [====>.....] - ETA: 6:28 - loss: 1.3111 - acc: 0.3479
101 32/160 [=====>.....] - ETA: 6:25 - loss: 1.3055 - acc: 0.3501
102 33/160 [=====>.....] - ETA: 6:21 - loss: 1.2991 - acc: 0.3539
103 34/160 [=====>.....] - ETA: 6:17 - loss: 1.2920 - acc: 0.3578
104 35/160 [=====>.....] - ETA: 6:13 - loss: 1.2847 - acc: 0.3633
105 36/160 [=====>.....] - ETA: 6:09 - loss: 1.2771 - acc: 0.3674
106 37/160 [=====>.....] - ETA: 6:05 - loss: 1.2697 - acc: 0.3713
107 38/160 [=====>.....] - ETA: 6:03 - loss: 1.2628 - acc: 0.3744
108 39/160 [=====>.....] - ETA: 5:59 - loss: 1.2556 - acc: 0.3767
109 40/160 [=====>.....] - ETA: 5:56 - loss: 1.2496 - acc: 0.3789
110 41/160 [=====>.....] - ETA: 5:51 - loss: 1.2443 - acc: 0.3812
111 42/160 [=====>.....] - ETA: 5:48 - loss: 1.2377 - acc: 0.3846
112 43/160 [=====>.....] - ETA: 5:45 - loss: 1.2338 - acc: 0.3865
113 44/160 [=====>.....] - ETA: 5:41 - loss: 1.2284 - acc: 0.3885
114 45/160 [=====>.....] - ETA: 5:38 - loss: 1.2204 - acc: 0.3923
115 46/160 [=====>.....] - ETA: 5:35 - loss: 1.2126 - acc: 0.3965
116 47/160 [=====>.....] - ETA: 5:31 - loss: 1.2084 - acc: 0.3984
117 48/160 [=====>.....] - ETA: 5:28 - loss: 1.2019 - acc: 0.4018
118 49/160 [=====>.....] - ETA: 5:25 - loss: 1.1967 - acc: 0.4028
119 50/160 [=====>.....] - ETA: 5:21 - loss: 1.1909 - acc: 0.4062
120 51/160 [=====>.....] - ETA: 5:17 - loss: 1.1851 - acc: 0.4092
121 52/160 [=====>.....] - ETA: 5:14 - loss: 1.1802 - acc: 0.4130
122 53/160 [=====>.....] - ETA: 5:11 - loss: 1.1758 - acc: 0.4162
123 54/160 [=====>.....] - ETA: 5:07 - loss: 1.1707 - acc: 0.4191
124 55/160 [=====>.....] - ETA: 5:04 - loss: 1.1688 - acc: 0.4195
125 56/160 [=====>.....] - ETA: 5:01 - loss: 1.1654 - acc: 0.4207

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126	57/160	[=====>.....]	- ETA: 4:58 - loss: 1.1607 - acc: 0.4240
127	58/160	[=====>.....]	- ETA: 4:54 - loss: 1.1579 - acc: 0.4245
128	59/160	[=====>.....]	- ETA: 4:51 - loss: 1.1544 - acc: 0.4268
129	60/160	[=====>.....]	- ETA: 4:48 - loss: 1.1490 - acc: 0.4290
130	61/160	[=====>.....]	- ETA: 4:45 - loss: 1.1450 - acc: 0.4319
131	62/160	[=====>.....]	- ETA: 4:41 - loss: 1.1399 - acc: 0.4349
132	63/160	[=====>.....]	- ETA: 4:38 - loss: 1.1352 - acc: 0.4376
133	64/160	[=====>.....]	- ETA: 4:35 - loss: 1.1300 - acc: 0.4394
134	65/160	[=====>.....]	- ETA: 4:32 - loss: 1.1258 - acc: 0.4414
135	66/160	[=====>.....]	- ETA: 4:28 - loss: 1.1215 - acc: 0.4432
136	67/160	[=====>.....]	- ETA: 4:25 - loss: 1.1181 - acc: 0.4451
137	68/160	[=====>.....]	- ETA: 4:22 - loss: 1.1143 - acc: 0.4473
138	69/160	[=====>.....]	- ETA: 4:20 - loss: 1.1103 - acc: 0.4482
139	70/160	[=====>.....]	- ETA: 4:16 - loss: 1.1062 - acc: 0.4515
140	71/160	[=====>.....]	- ETA: 4:13 - loss: 1.1038 - acc: 0.4531
141	72/160	[=====>.....]	- ETA: 4:10 - loss: 1.1008 - acc: 0.4535
142	73/160	[=====>.....]	- ETA: 4:07 - loss: 1.0998 - acc: 0.4543
143	74/160	[=====>.....]	- ETA: 4:04 - loss: 1.0967 - acc: 0.4553
144	75/160	[=====>.....]	- ETA: 4:01 - loss: 1.0933 - acc: 0.4565
145	76/160	[=====>.....]	- ETA: 3:58 - loss: 1.0912 - acc: 0.4577
146	77/160	[=====>.....]	- ETA: 3:54 - loss: 1.0889 - acc: 0.4586
147	78/160	[=====>.....]	- ETA: 3:51 - loss: 1.0850 - acc: 0.4600
148	79/160	[=====>.....]	- ETA: 3:49 - loss: 1.0853 - acc: 0.4599
149	80/160	[=====>.....]	- ETA: 3:46 - loss: 1.0840 - acc: 0.4613
150	81/160	[=====>.....]	- ETA: 3:42 - loss: 1.0818 - acc: 0.4627
151	82/160	[=====>.....]	- ETA: 3:39 - loss: 1.0784 - acc: 0.4634
152	83/160	[=====>.....]	- ETA: 3:36 - loss: 1.0784 - acc: 0.4627
153	84/160	[=====>.....]	- ETA: 3:33 - loss: 1.0764 - acc: 0.4640
154	85/160	[=====>.....]	- ETA: 3:30 - loss: 1.0743 - acc: 0.4650
155	86/160	[=====>.....]	- ETA: 3:27 - loss: 1.0725 - acc: 0.4657
156	87/160	[=====>.....]	- ETA: 3:24 - loss: 1.0705 - acc: 0.4667
157	88/160	[=====>.....]	- ETA: 3:21 - loss: 1.0694 - acc: 0.4674
158	89/160	[=====>.....]	- ETA: 3:18 - loss: 1.0683 - acc: 0.4674
159	90/160	[=====>.....]	- ETA: 3:15 - loss: 1.0654 - acc: 0.4693
160	91/160	[=====>.....]	- ETA: 3:12 - loss: 1.0621 - acc: 0.4714
161	92/160	[=====>.....]	- ETA: 3:09 - loss: 1.0597 - acc: 0.4720
162	93/160	[=====>.....]	- ETA: 3:06 - loss: 1.0573 - acc: 0.4730
163	94/160	[=====>.....]	- ETA: 3:03 - loss: 1.0551 - acc: 0.4739
164	95/160	[=====>.....]	- ETA: 3:00 - loss: 1.0525 - acc: 0.4753
165	96/160	[=====>.....]	- ETA: 2:57 - loss: 1.0489 - acc: 0.4774
166	97/160	[=====>.....]	- ETA: 2:54 - loss: 1.0460 - acc: 0.4785
167	98/160	[=====>.....]	- ETA: 2:50 - loss: 1.0440 - acc: 0.4789
168	99/160	[=====>.....]	- ETA: 2:47 - loss: 1.0412 - acc: 0.4809
169	100/160	[=====>.....]	- ETA: 2:45 - loss: 1.0391 - acc: 0.4818
170	101/160	[=====>.....]	- ETA: 2:41 - loss: 1.0363 - acc: 0.4830
171	102/160	[=====>.....]	- ETA: 2:39 - loss: 1.0351 - acc: 0.4835
172	103/160	[=====>.....]	- ETA: 2:36 - loss: 1.0321 - acc: 0.4849
173	104/160	[=====>.....]	- ETA: 2:33 - loss: 1.0290 - acc: 0.4863
174	105/160	[=====>.....]	- ETA: 2:30 - loss: 1.0266 - acc: 0.4874
175	106/160	[=====>.....]	- ETA: 2:27 - loss: 1.0255 - acc: 0.4874
176	107/160	[=====>.....]	- ETA: 2:24 - loss: 1.0227 - acc: 0.4887
177	108/160	[=====>.....]	- ETA: 2:21 - loss: 1.0206 - acc: 0.4895
178	109/160	[=====>.....]	- ETA: 2:18 - loss: 1.0181 - acc: 0.4907
179	110/160	[=====>.....]	- ETA: 2:15 - loss: 1.0160 - acc: 0.4918
180	111/160	[=====>.....]	- ETA: 2:12 - loss: 1.0128 - acc: 0.4936
181	112/160	[=====>.....]	- ETA: 2:09 - loss: 1.0109 - acc: 0.4946
182	113/160	[=====>.....]	- ETA: 2:07 - loss: 1.0093 - acc: 0.4950
183	114/160	[=====>.....]	- ETA: 2:04 - loss: 1.0067 - acc: 0.4967
184	115/160	[=====>.....]	- ETA: 2:01 - loss: 1.0044 - acc: 0.4986
185	116/160	[=====>.....]	- ETA: 1:58 - loss: 1.0024 - acc: 0.4994
186	117/160	[=====>.....]	- ETA: 1:55 - loss: 1.0008 - acc: 0.5006
187	118/160	[=====>.....]	- ETA: 1:52 - loss: 0.9988 - acc: 0.5019
188	119/160	[=====>.....]	- ETA: 1:50 - loss: 0.9975 - acc: 0.5029
189	120/160	[=====>.....]	- ETA: 1:47 - loss: 0.9955 - acc: 0.5046
190	121/160	[=====>.....]	- ETA: 1:44 - loss: 0.9929 - acc: 0.5063
191	122/160	[=====>.....]	- ETA: 1:41 - loss: 0.9910 - acc: 0.5069
192	123/160	[=====>.....]	- ETA: 1:38 - loss: 0.9889 - acc: 0.5081
193	124/160	[=====>.....]	- ETA: 1:35 - loss: 0.9877 - acc: 0.5085
194	125/160	[=====>.....]	- ETA: 1:33 - loss: 0.9853 - acc: 0.5102
195	126/160	[=====>.....]	- ETA: 1:30 - loss: 0.9836 - acc: 0.5105
196	127/160	[=====>.....]	- ETA: 1:27 - loss: 0.9816 - acc: 0.5120
197	128/160	[=====>.....]	- ETA: 1:24 - loss: 0.9798 - acc: 0.5130
198	129/160	[=====>.....]	- ETA: 1:22 - loss: 0.9793 - acc: 0.5136
199	130/160	[=====>.....]	- ETA: 1:18 - loss: 0.9773 - acc: 0.5142
200	131/160	[=====>.....]	- ETA: 1:16 - loss: 0.9751 - acc: 0.5158
201	132/160	[=====>.....]	- ETA: 1:13 - loss: 0.9743 - acc: 0.5162
202	133/160	[=====>.....]	- ETA: 1:10 - loss: 0.9725 - acc: 0.5174

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203 134/160 [=====>.....] - ETA: 1:07 - loss: 0.9698 - acc: 0.5185
204 135/160 [=====>.....] - ETA: 1:05 - loss: 0.9697 - acc: 0.5184
205 136/160 [=====>.....] - ETA: 1:02 - loss: 0.9678 - acc: 0.5195
206 137/160 [=====>.....] - ETA: 59s - loss: 0.9664 - acc: 0.5202
207 138/160 [=====>.....] - ETA: 57s - loss: 0.9650 - acc: 0.5210
208 139/160 [=====>.....] - ETA: 54s - loss: 0.9627 - acc: 0.5223
209 140/160 [=====>.....] - ETA: 51s - loss: 0.9609 - acc: 0.5231
210 141/160 [=====>.....] - ETA: 49s - loss: 0.9599 - acc: 0.5235
211 142/160 [=====>.....] - ETA: 46s - loss: 0.9574 - acc: 0.5252
212 143/160 [=====>.....] - ETA: 43s - loss: 0.9563 - acc: 0.5256
213 144/160 [=====>.....] - ETA: 41s - loss: 0.9552 - acc: 0.5262
214 145/160 [=====>.....] - ETA: 38s - loss: 0.9542 - acc: 0.5268
215 146/160 [=====>.....] - ETA: 36s - loss: 0.9521 - acc: 0.5282
216 147/160 [=====>.....] - ETA: 33s - loss: 0.9501 - acc: 0.5294
217 148/160 [=====>.....] - ETA: 30s - loss: 0.9497 - acc: 0.5296
218 149/160 [=====>.....] - ETA: 28s - loss: 0.9478 - acc: 0.5308
219 150/160 [=====>.....] - ETA: 25s - loss: 0.9462 - acc: 0.5315
220 151/160 [=====>.....] - ETA: 23s - loss: 0.9455 - acc: 0.5321
221 152/160 [=====>.....] - ETA: 20s - loss: 0.9435 - acc: 0.5335
222 153/160 [=====>.....] - ETA: 17s - loss: 0.9429 - acc: 0.5341
223 154/160 [=====>.....] - ETA: 15s - loss: 0.9428 - acc: 0.5346
224 155/160 [=====>.....] - ETA: 12s - loss: 0.9415 - acc: 0.5350
225 156/160 [=====>.....] - ETA: 10s - loss: 0.9402 - acc: 0.5360
226 157/160 [=====>.....] - ETA: 7s - loss: 0.9406 - acc: 0.5355
227 158/160 [=====>.....] - ETA: 5s - loss: 0.9406 - acc: 0.5353
228 159/160 [=====>.....] - ETA: 2s - loss: 0.9391 - acc: 0.5358
229 160/160 [=====] - 730s 5s/step - loss: 0.9379 - acc: 0.5368 - val_loss: 0.8970
    - val_acc: 0.6365
230 Epoch 2/23
231
232 1/160 [.....] - ETA: 1:47 - loss: 0.7485 - acc: 0.6905
233 2/160 [.....] - ETA: 1:43 - loss: 0.7414 - acc: 0.6845
234 3/160 [.....] - ETA: 1:41 - loss: 0.7802 - acc: 0.6667
235 4/160 [.....] - ETA: 1:41 - loss: 0.7635 - acc: 0.6637
236 5/160 [.....] - ETA: 1:39 - loss: 0.7420 - acc: 0.6810
237 6/160 [>.....] - ETA: 1:38 - loss: 0.7224 - acc: 0.6925
238 7/160 [>.....] - ETA: 1:37 - loss: 0.7100 - acc: 0.6990
239 8/160 [>.....] - ETA: 1:36 - loss: 0.7092 - acc: 0.6979
240 9/160 [>.....] - ETA: 1:35 - loss: 0.7028 - acc: 0.6944
241 10/160 [>.....] - ETA: 1:34 - loss: 0.7028 - acc: 0.7000
242 11/160 [=>.....] - ETA: 1:33 - loss: 0.6937 - acc: 0.7013
243 12/160 [=>.....] - ETA: 1:33 - loss: 0.7027 - acc: 0.6905
244 13/160 [=>.....] - ETA: 1:32 - loss: 0.6916 - acc: 0.6960
245 14/160 [=>.....] - ETA: 1:35 - loss: 0.6970 - acc: 0.6922
246 15/160 [=>.....] - ETA: 1:47 - loss: 0.7026 - acc: 0.6889
247 16/160 [==>.....] - ETA: 1:56 - loss: 0.7031 - acc: 0.6853
248 17/160 [==>.....] - ETA: 2:06 - loss: 0.7027 - acc: 0.6849
249 18/160 [==>.....] - ETA: 2:12 - loss: 0.7170 - acc: 0.6753
250 19/160 [==>.....] - ETA: 2:21 - loss: 0.7145 - acc: 0.6761
251 20/160 [==>.....] - ETA: 2:28 - loss: 0.7077 - acc: 0.6804
252 21/160 [==>.....] - ETA: 2:34 - loss: 0.7032 - acc: 0.6854
253 22/160 [===>.....] - ETA: 2:38 - loss: 0.6970 - acc: 0.6894
254 23/160 [===>.....] - ETA: 2:42 - loss: 0.6965 - acc: 0.6894
255 24/160 [===>.....] - ETA: 2:45 - loss: 0.6904 - acc: 0.6915
256 25/160 [===>.....] - ETA: 2:49 - loss: 0.6856 - acc: 0.6938
257 26/160 [===>.....] - ETA: 2:52 - loss: 0.6892 - acc: 0.6909
258 27/160 [===>.....] - ETA: 2:55 - loss: 0.6860 - acc: 0.6918
259 28/160 [===>.....] - ETA: 2:58 - loss: 0.6850 - acc: 0.6930
260 29/160 [===>.....] - ETA: 3:00 - loss: 0.6806 - acc: 0.6979
261 30/160 [===>.....] - ETA: 3:01 - loss: 0.6754 - acc: 0.7004
262 31/160 [===>.....] - ETA: 3:02 - loss: 0.6682 - acc: 0.7039
263 32/160 [====>.....] - ETA: 3:04 - loss: 0.6664 - acc: 0.7035
264 33/160 [====>.....] - ETA: 3:05 - loss: 0.6608 - acc: 0.7060
265 34/160 [====>.....] - ETA: 3:05 - loss: 0.6588 - acc: 0.7076
266 35/160 [====>.....] - ETA: 3:05 - loss: 0.6553 - acc: 0.7105
267 36/160 [====>.....] - ETA: 3:05 - loss: 0.6519 - acc: 0.7123
268 37/160 [====>.....] - ETA: 3:05 - loss: 0.6480 - acc: 0.7120
269 38/160 [====>.....] - ETA: 3:06 - loss: 0.6430 - acc: 0.7162
270 39/160 [====>.....] - ETA: 3:05 - loss: 0.6410 - acc: 0.7167
271 40/160 [====>.....] - ETA: 3:05 - loss: 0.6369 - acc: 0.7188
272 41/160 [====>.....] - ETA: 3:04 - loss: 0.6345 - acc: 0.7213
273 42/160 [====>.....] - ETA: 3:04 - loss: 0.6338 - acc: 0.7219
274 43/160 [====>.....] - ETA: 3:03 - loss: 0.6302 - acc: 0.7229
275 44/160 [====>.....] - ETA: 3:02 - loss: 0.6264 - acc: 0.7243
276 45/160 [====>.....] - ETA: 3:01 - loss: 0.6258 - acc: 0.7243
277 46/160 [====>.....] - ETA: 3:00 - loss: 0.6232 - acc: 0.7257
278 47/160 [====>.....] - ETA: 2:59 - loss: 0.6197 - acc: 0.7277

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279	48/160	[=====>.....]	- ETA: 2:58 - loss: 0.6170 - acc: 0.7297
280	49/160	[=====>.....]	- ETA: 2:57 - loss: 0.6141 - acc: 0.7313
281	50/160	[=====>.....]	- ETA: 2:56 - loss: 0.6152 - acc: 0.7302
282	51/160	[=====>.....]	- ETA: 2:55 - loss: 0.6133 - acc: 0.7311
283	52/160	[=====>.....]	- ETA: 2:54 - loss: 0.6101 - acc: 0.7331
284	53/160	[=====>.....]	- ETA: 2:53 - loss: 0.6106 - acc: 0.7332
285	54/160	[=====>.....]	- ETA: 2:52 - loss: 0.6082 - acc: 0.7350
286	55/160	[=====>.....]	- ETA: 2:51 - loss: 0.6053 - acc: 0.7366
287	56/160	[=====>.....]	- ETA: 2:50 - loss: 0.6052 - acc: 0.7366
288	57/160	[=====>.....]	- ETA: 2:49 - loss: 0.6047 - acc: 0.7375
289	58/160	[=====>.....]	- ETA: 2:48 - loss: 0.6039 - acc: 0.7373
290	59/160	[=====>.....]	- ETA: 2:46 - loss: 0.6019 - acc: 0.7393
291	60/160	[=====>.....]	- ETA: 2:45 - loss: 0.6013 - acc: 0.7401
292	61/160	[=====>.....]	- ETA: 2:44 - loss: 0.5989 - acc: 0.7420
293	62/160	[=====>.....]	- ETA: 2:42 - loss: 0.5978 - acc: 0.7429
294	63/160	[=====>.....]	- ETA: 2:41 - loss: 0.5969 - acc: 0.7432
295	64/160	[=====>.....]	- ETA: 2:40 - loss: 0.5948 - acc: 0.7442
296	65/160	[=====>.....]	- ETA: 2:38 - loss: 0.5954 - acc: 0.7436
297	66/160	[=====>.....]	- ETA: 2:36 - loss: 0.5939 - acc: 0.7439
298	67/160	[=====>.....]	- ETA: 2:35 - loss: 0.5961 - acc: 0.7438
299	68/160	[=====>.....]	- ETA: 2:33 - loss: 0.5958 - acc: 0.7432
300	69/160	[=====>.....]	- ETA: 2:32 - loss: 0.5947 - acc: 0.7438
301	70/160	[=====>.....]	- ETA: 2:30 - loss: 0.5919 - acc: 0.7447
302	71/160	[=====>.....]	- ETA: 2:29 - loss: 0.5907 - acc: 0.7453
303	72/160	[=====>.....]	- ETA: 2:27 - loss: 0.5919 - acc: 0.7452
304	73/160	[=====>.....]	- ETA: 2:26 - loss: 0.5904 - acc: 0.7453
305	74/160	[=====>.....]	- ETA: 2:24 - loss: 0.5897 - acc: 0.7450
306	75/160	[=====>.....]	- ETA: 2:23 - loss: 0.5889 - acc: 0.7451
307	76/160	[=====>.....]	- ETA: 2:21 - loss: 0.5872 - acc: 0.7458
308	77/160	[=====>.....]	- ETA: 2:20 - loss: 0.5862 - acc: 0.7454
309	78/160	[=====>.....]	- ETA: 2:18 - loss: 0.5846 - acc: 0.7460
310	79/160	[=====>.....]	- ETA: 2:17 - loss: 0.5826 - acc: 0.7468
311	80/160	[=====>.....]	- ETA: 2:15 - loss: 0.5803 - acc: 0.7478
312	81/160	[=====>.....]	- ETA: 2:13 - loss: 0.5788 - acc: 0.7481
313	82/160	[=====>.....]	- ETA: 2:12 - loss: 0.5769 - acc: 0.7493
314	83/160	[=====>.....]	- ETA: 2:10 - loss: 0.5757 - acc: 0.7494
315	84/160	[=====>.....]	- ETA: 2:08 - loss: 0.5753 - acc: 0.7501
316	85/160	[=====>.....]	- ETA: 2:07 - loss: 0.5721 - acc: 0.7522
317	86/160	[=====>.....]	- ETA: 2:05 - loss: 0.5718 - acc: 0.7519
318	87/160	[=====>.....]	- ETA: 2:04 - loss: 0.5689 - acc: 0.7531
319	88/160	[=====>.....]	- ETA: 2:02 - loss: 0.5672 - acc: 0.7542
320	89/160	[=====>.....]	- ETA: 2:00 - loss: 0.5654 - acc: 0.7551
321	90/160	[=====>.....]	- ETA: 1:59 - loss: 0.5640 - acc: 0.7561
322	91/160	[=====>.....]	- ETA: 1:57 - loss: 0.5629 - acc: 0.7568
323	92/160	[=====>.....]	- ETA: 1:55 - loss: 0.5618 - acc: 0.7576
324	93/160	[=====>.....]	- ETA: 1:54 - loss: 0.5590 - acc: 0.7587
325	94/160	[=====>.....]	- ETA: 1:52 - loss: 0.5570 - acc: 0.7590
326	95/160	[=====>.....]	- ETA: 1:50 - loss: 0.5549 - acc: 0.7602
327	96/160	[=====>.....]	- ETA: 1:49 - loss: 0.5523 - acc: 0.7613
328	97/160	[=====>.....]	- ETA: 1:47 - loss: 0.5510 - acc: 0.7623
329	98/160	[=====>.....]	- ETA: 1:45 - loss: 0.5503 - acc: 0.7630
330	99/160	[=====>.....]	- ETA: 1:43 - loss: 0.5481 - acc: 0.7643
331	100/160	[=====>.....]	- ETA: 1:42 - loss: 0.5455 - acc: 0.7656
332	101/160	[=====>.....]	- ETA: 1:40 - loss: 0.5429 - acc: 0.7665
333	102/160	[=====>.....]	- ETA: 1:38 - loss: 0.5421 - acc: 0.7669
334	103/160	[=====>.....]	- ETA: 1:37 - loss: 0.5403 - acc: 0.7675
335	104/160	[=====>.....]	- ETA: 1:35 - loss: 0.5389 - acc: 0.7681
336	105/160	[=====>.....]	- ETA: 1:33 - loss: 0.5372 - acc: 0.7688
337	106/160	[=====>.....]	- ETA: 1:32 - loss: 0.5365 - acc: 0.7694
338	107/160	[=====>.....]	- ETA: 1:30 - loss: 0.5355 - acc: 0.7700
339	108/160	[=====>.....]	- ETA: 1:28 - loss: 0.5343 - acc: 0.7703
340	109/160	[=====>.....]	- ETA: 1:26 - loss: 0.5343 - acc: 0.7705
341	110/160	[=====>.....]	- ETA: 1:25 - loss: 0.5319 - acc: 0.7721
342	111/160	[=====>.....]	- ETA: 1:23 - loss: 0.5302 - acc: 0.7727
343	112/160	[=====>.....]	- ETA: 1:21 - loss: 0.5303 - acc: 0.7722
344	113/160	[=====>.....]	- ETA: 1:20 - loss: 0.5289 - acc: 0.7732
345	114/160	[=====>.....]	- ETA: 1:18 - loss: 0.5277 - acc: 0.7735
346	115/160	[=====>.....]	- ETA: 1:16 - loss: 0.5279 - acc: 0.7734
347	116/160	[=====>.....]	- ETA: 1:15 - loss: 0.5261 - acc: 0.7745
348	117/160	[=====>.....]	- ETA: 1:13 - loss: 0.5247 - acc: 0.7751
349	118/160	[=====>.....]	- ETA: 1:11 - loss: 0.5242 - acc: 0.7752
350	119/160	[=====>.....]	- ETA: 1:10 - loss: 0.5228 - acc: 0.7756
351	120/160	[=====>.....]	- ETA: 1:08 - loss: 0.5211 - acc: 0.7767
352	121/160	[=====>.....]	- ETA: 1:06 - loss: 0.5204 - acc: 0.7772
353	122/160	[=====>.....]	- ETA: 1:05 - loss: 0.5190 - acc: 0.7776
354	123/160	[=====>.....]	- ETA: 1:03 - loss: 0.5179 - acc: 0.7779
355	124/160	[=====>.....]	- ETA: 1:01 - loss: 0.5163 - acc: 0.7788

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356 125/160 [=====>.....] - ETA: 59s - loss: 0.5145 - acc: 0.7800
357 126/160 [=====>.....] - ETA: 58s - loss: 0.5131 - acc: 0.7808
358 127/160 [=====>.....] - ETA: 56s - loss: 0.5120 - acc: 0.7810
359 128/160 [=====>.....] - ETA: 54s - loss: 0.5109 - acc: 0.7817
360 129/160 [=====>.....] - ETA: 53s - loss: 0.5091 - acc: 0.7827
361 130/160 [=====>.....] - ETA: 51s - loss: 0.5076 - acc: 0.7833
362 131/160 [=====>.....] - ETA: 49s - loss: 0.5062 - acc: 0.7842
363 132/160 [=====>.....] - ETA: 47s - loss: 0.5054 - acc: 0.7846
364 133/160 [=====>.....] - ETA: 46s - loss: 0.5035 - acc: 0.7856
365 134/160 [=====>.....] - ETA: 44s - loss: 0.5022 - acc: 0.7864
366 135/160 [=====>.....] - ETA: 42s - loss: 0.5018 - acc: 0.7869
367 136/160 [=====>.....] - ETA: 40s - loss: 0.5006 - acc: 0.7876
368 137/160 [=====>.....] - ETA: 39s - loss: 0.4993 - acc: 0.7880
369 138/160 [=====>.....] - ETA: 37s - loss: 0.4981 - acc: 0.7886
370 139/160 [=====>.....] - ETA: 35s - loss: 0.4970 - acc: 0.7891
371 140/160 [=====>.....] - ETA: 34s - loss: 0.4961 - acc: 0.7895
372 141/160 [=====>.....] - ETA: 32s - loss: 0.4961 - acc: 0.7897
373 142/160 [=====>.....] - ETA: 30s - loss: 0.4944 - acc: 0.7906
374 143/160 [=====>.....] - ETA: 28s - loss: 0.4925 - acc: 0.7915
375 144/160 [=====>.....] - ETA: 27s - loss: 0.4915 - acc: 0.7923
376 145/160 [=====>.....] - ETA: 25s - loss: 0.4909 - acc: 0.7924
377 146/160 [=====>.....] - ETA: 23s - loss: 0.4894 - acc: 0.7931
378 147/160 [=====>.....] - ETA: 22s - loss: 0.4883 - acc: 0.7937
379 148/160 [=====>.....] - ETA: 20s - loss: 0.4874 - acc: 0.7942
380 149/160 [=====>.....] - ETA: 18s - loss: 0.4864 - acc: 0.7946
381 150/160 [=====>.....] - ETA: 17s - loss: 0.4857 - acc: 0.7951
382 151/160 [=====>.....] - ETA: 15s - loss: 0.4849 - acc: 0.7954
383 152/160 [=====>.....] - ETA: 13s - loss: 0.4838 - acc: 0.7961
384 153/160 [=====>.....] - ETA: 11s - loss: 0.4830 - acc: 0.7962
385 154/160 [=====>.....] - ETA: 10s - loss: 0.4820 - acc: 0.7967
386 155/160 [=====>.....] - ETA: 8s - loss: 0.4812 - acc: 0.7970
387 156/160 [=====>.....] - ETA: 6s - loss: 0.4810 - acc: 0.7975
388 157/160 [=====>.....] - ETA: 5s - loss: 0.4804 - acc: 0.7978
389 158/160 [=====>.....] - ETA: 3s - loss: 0.4795 - acc: 0.7981
390 159/160 [=====>.....] - ETA: 1s - loss: 0.4788 - acc: 0.7986
391 160/160 [=====] - 312s 2s/step - loss: 0.4781 - acc: 0.7990 - val_loss: 0.4890
- val_acc: 0.8483
392 Epoch 3/23
393
394 1/160 [.....] - ETA: 1:47 - loss: 0.3354 - acc: 0.9048
395 2/160 [.....] - ETA: 1:42 - loss: 0.3614 - acc: 0.8810
396 3/160 [.....] - ETA: 1:40 - loss: 0.3287 - acc: 0.8889
397 4/160 [.....] - ETA: 1:39 - loss: 0.3096 - acc: 0.8899
398 5/160 [.....] - ETA: 1:38 - loss: 0.3009 - acc: 0.8905
399 6/160 [>.....] - ETA: 1:37 - loss: 0.2916 - acc: 0.8948
400 7/160 [>.....] - ETA: 1:36 - loss: 0.2939 - acc: 0.8997
401 8/160 [>.....] - ETA: 1:35 - loss: 0.2988 - acc: 0.8958
402 9/160 [>.....] - ETA: 1:34 - loss: 0.2920 - acc: 0.8955
403 10/160 [>.....] - ETA: 1:33 - loss: 0.2903 - acc: 0.8940
404 11/160 [=>.....] - ETA: 1:33 - loss: 0.2817 - acc: 0.8961
405 12/160 [=>.....] - ETA: 1:32 - loss: 0.2857 - acc: 0.8938
406 13/160 [=>.....] - ETA: 1:32 - loss: 0.2877 - acc: 0.8938
407 14/160 [=>.....] - ETA: 1:31 - loss: 0.2887 - acc: 0.8946
408 15/160 [=>.....] - ETA: 1:30 - loss: 0.2918 - acc: 0.8929
409 16/160 [==>.....] - ETA: 1:36 - loss: 0.2940 - acc: 0.8921
410 17/160 [==>.....] - ETA: 1:44 - loss: 0.2905 - acc: 0.8929
411 18/160 [==>.....] - ETA: 1:51 - loss: 0.2846 - acc: 0.8948
412 19/160 [==>.....] - ETA: 1:56 - loss: 0.2907 - acc: 0.8935
413 20/160 [==>.....] - ETA: 2:01 - loss: 0.2915 - acc: 0.8923
414 21/160 [==>.....] - ETA: 2:04 - loss: 0.2920 - acc: 0.8917
415 22/160 [===>.....] - ETA: 2:08 - loss: 0.2888 - acc: 0.8918
416 23/160 [===>.....] - ETA: 2:11 - loss: 0.2925 - acc: 0.8872
417 24/160 [===>.....] - ETA: 2:14 - loss: 0.2922 - acc: 0.8869
418 25/160 [===>.....] - ETA: 2:16 - loss: 0.2926 - acc: 0.8881
419 26/160 [===>.....] - ETA: 2:18 - loss: 0.3003 - acc: 0.8842
420 27/160 [===>.....] - ETA: 2:19 - loss: 0.3015 - acc: 0.8849
421 28/160 [===>.....] - ETA: 2:21 - loss: 0.2989 - acc: 0.8856
422 29/160 [===>.....] - ETA: 2:22 - loss: 0.2959 - acc: 0.8871
423 30/160 [===>.....] - ETA: 2:24 - loss: 0.2973 - acc: 0.8853
424 31/160 [===>.....] - ETA: 2:25 - loss: 0.2971 - acc: 0.8852
425 32/160 [====>.....] - ETA: 2:26 - loss: 0.2998 - acc: 0.8847
426 33/160 [====>.....] - ETA: 2:27 - loss: 0.3022 - acc: 0.8835
427 34/160 [====>.....] - ETA: 2:27 - loss: 0.3007 - acc: 0.8824
428 35/160 [====>.....] - ETA: 2:27 - loss: 0.3052 - acc: 0.8799
429 36/160 [====>.....] - ETA: 2:27 - loss: 0.3075 - acc: 0.8793
430 37/160 [====>.....] - ETA: 2:27 - loss: 0.3060 - acc: 0.8800
431 38/160 [====>.....] - ETA: 2:28 - loss: 0.3086 - acc: 0.8806

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432	39/160	[=====>.....]	- ETA: 2:28 - loss: 0.3116 - acc: 0.8791
433	40/160	[=====>.....]	- ETA: 2:27 - loss: 0.3223 - acc: 0.8759
434	41/160	[=====>.....]	- ETA: 2:27 - loss: 0.3223 - acc: 0.8754
435	42/160	[=====>.....]	- ETA: 2:27 - loss: 0.3238 - acc: 0.8750
436	43/160	[=====>.....]	- ETA: 2:27 - loss: 0.3257 - acc: 0.8749
437	44/160	[=====>.....]	- ETA: 2:26 - loss: 0.3273 - acc: 0.8747
438	45/160	[=====>.....]	- ETA: 2:25 - loss: 0.3280 - acc: 0.8746
439	46/160	[=====>.....]	- ETA: 2:26 - loss: 0.3287 - acc: 0.8758
440	47/160	[=====>.....]	- ETA: 2:26 - loss: 0.3293 - acc: 0.8754
441	48/160	[=====>.....]	- ETA: 2:25 - loss: 0.3293 - acc: 0.8752
442	49/160	[=====>.....]	- ETA: 2:24 - loss: 0.3292 - acc: 0.8751
443	50/160	[=====>.....]	- ETA: 2:24 - loss: 0.3277 - acc: 0.8757
444	51/160	[=====>.....]	- ETA: 2:23 - loss: 0.3260 - acc: 0.8763
445	52/160	[=====>.....]	- ETA: 2:23 - loss: 0.3250 - acc: 0.8775
446	53/160	[=====>.....]	- ETA: 2:22 - loss: 0.3252 - acc: 0.8785
447	54/160	[=====>.....]	- ETA: 2:21 - loss: 0.3242 - acc: 0.8790
448	55/160	[=====>.....]	- ETA: 2:20 - loss: 0.3244 - acc: 0.8786
449	56/160	[=====>.....]	- ETA: 2:19 - loss: 0.3234 - acc: 0.8788
450	57/160	[=====>.....]	- ETA: 2:18 - loss: 0.3218 - acc: 0.8795
451	58/160	[=====>.....]	- ETA: 2:17 - loss: 0.3230 - acc: 0.8793
452	59/160	[=====>.....]	- ETA: 2:18 - loss: 0.3240 - acc: 0.8795
453	60/160	[=====>.....]	- ETA: 2:18 - loss: 0.3247 - acc: 0.8792
454	61/160	[=====>.....]	- ETA: 2:21 - loss: 0.3228 - acc: 0.8800
455	62/160	[=====>.....]	- ETA: 2:20 - loss: 0.3212 - acc: 0.8804
456	63/160	[=====>.....]	- ETA: 2:19 - loss: 0.3193 - acc: 0.8813
457	64/160	[=====>.....]	- ETA: 2:18 - loss: 0.3211 - acc: 0.8811
458	65/160	[=====>.....]	- ETA: 2:17 - loss: 0.3197 - acc: 0.8819
459	66/160	[=====>.....]	- ETA: 2:15 - loss: 0.3180 - acc: 0.8828
460	67/160	[=====>.....]	- ETA: 2:14 - loss: 0.3173 - acc: 0.8829
461	68/160	[=====>.....]	- ETA: 2:13 - loss: 0.3157 - acc: 0.8836
462	69/160	[=====>.....]	- ETA: 2:11 - loss: 0.3143 - acc: 0.8838
463	70/160	[=====>.....]	- ETA: 2:10 - loss: 0.3155 - acc: 0.8831
464	71/160	[=====>.....]	- ETA: 2:08 - loss: 0.3173 - acc: 0.8826
465	72/160	[=====>.....]	- ETA: 2:07 - loss: 0.3180 - acc: 0.8822
466	73/160	[=====>.....]	- ETA: 2:06 - loss: 0.3187 - acc: 0.8819
467	74/160	[=====>.....]	- ETA: 2:04 - loss: 0.3204 - acc: 0.8812
468	75/160	[=====>.....]	- ETA: 2:03 - loss: 0.3202 - acc: 0.8809
469	76/160	[=====>.....]	- ETA: 2:02 - loss: 0.3212 - acc: 0.8804
470	77/160	[=====>.....]	- ETA: 2:00 - loss: 0.3198 - acc: 0.8815
471	78/160	[=====>.....]	- ETA: 1:59 - loss: 0.3210 - acc: 0.8809
472	79/160	[=====>.....]	- ETA: 1:58 - loss: 0.3197 - acc: 0.8815
473	80/160	[=====>.....]	- ETA: 1:56 - loss: 0.3192 - acc: 0.8815
474	81/160	[=====>.....]	- ETA: 1:55 - loss: 0.3187 - acc: 0.8821
475	82/160	[=====>.....]	- ETA: 1:53 - loss: 0.3182 - acc: 0.8819
476	83/160	[=====>.....]	- ETA: 1:52 - loss: 0.3188 - acc: 0.8816
477	84/160	[=====>.....]	- ETA: 1:51 - loss: 0.3201 - acc: 0.8816
478	85/160	[=====>.....]	- ETA: 1:50 - loss: 0.3190 - acc: 0.8816
479	86/160	[=====>.....]	- ETA: 1:48 - loss: 0.3183 - acc: 0.8820
480	87/160	[=====>.....]	- ETA: 1:47 - loss: 0.3192 - acc: 0.8816
481	88/160	[=====>.....]	- ETA: 1:45 - loss: 0.3189 - acc: 0.8813
482	89/160	[=====>.....]	- ETA: 1:44 - loss: 0.3177 - acc: 0.8818
483	90/160	[=====>.....]	- ETA: 1:42 - loss: 0.3183 - acc: 0.8817
484	91/160	[=====>.....]	- ETA: 1:41 - loss: 0.3171 - acc: 0.8822
485	92/160	[=====>.....]	- ETA: 1:40 - loss: 0.3164 - acc: 0.8826
486	93/160	[=====>.....]	- ETA: 1:38 - loss: 0.3162 - acc: 0.8827
487	94/160	[=====>.....]	- ETA: 1:37 - loss: 0.3158 - acc: 0.8828
488	95/160	[=====>.....]	- ETA: 1:35 - loss: 0.3161 - acc: 0.8827
489	96/160	[=====>.....]	- ETA: 1:34 - loss: 0.3158 - acc: 0.8828
490	97/160	[=====>.....]	- ETA: 1:34 - loss: 0.3163 - acc: 0.8830
491	98/160	[=====>.....]	- ETA: 1:33 - loss: 0.3149 - acc: 0.8836
492	99/160	[=====>.....]	- ETA: 1:31 - loss: 0.3141 - acc: 0.8838
493	100/160	[=====>.....]	- ETA: 1:30 - loss: 0.3139 - acc: 0.8837
494	101/160	[=====>.....]	- ETA: 1:28 - loss: 0.3134 - acc: 0.8841
495	102/160	[=====>.....]	- ETA: 1:27 - loss: 0.3130 - acc: 0.8838
496	103/160	[=====>.....]	- ETA: 1:25 - loss: 0.3132 - acc: 0.8837
497	104/160	[=====>.....]	- ETA: 1:24 - loss: 0.3132 - acc: 0.8833
498	105/160	[=====>.....]	- ETA: 1:22 - loss: 0.3122 - acc: 0.8838
499	106/160	[=====>.....]	- ETA: 1:21 - loss: 0.3123 - acc: 0.8837
500	107/160	[=====>.....]	- ETA: 1:19 - loss: 0.3129 - acc: 0.8834
501	108/160	[=====>.....]	- ETA: 1:18 - loss: 0.3139 - acc: 0.8833
502	109/160	[=====>.....]	- ETA: 1:16 - loss: 0.3141 - acc: 0.8832
503	110/160	[=====>.....]	- ETA: 1:15 - loss: 0.3132 - acc: 0.8834
504	111/160	[=====>.....]	- ETA: 1:14 - loss: 0.3129 - acc: 0.8835
505	112/160	[=====>.....]	- ETA: 1:12 - loss: 0.3128 - acc: 0.8836
506	113/160	[=====>.....]	- ETA: 1:11 - loss: 0.3130 - acc: 0.8836
507	114/160	[=====>.....]	- ETA: 1:09 - loss: 0.3124 - acc: 0.8837
508	115/160	[=====>.....]	- ETA: 1:08 - loss: 0.3113 - acc: 0.8842

```

509 116/160 [=====>.....] - ETA: 1:06 - loss: 0.3115 - acc: 0.8842
510 117/160 [=====>.....] - ETA: 1:05 - loss: 0.3109 - acc: 0.8847
511 118/160 [=====>.....] - ETA: 1:03 - loss: 0.3110 - acc: 0.8847
512 119/160 [=====>.....] - ETA: 1:02 - loss: 0.3125 - acc: 0.8838
513 120/160 [=====>.....] - ETA: 1:00 - loss: 0.3131 - acc: 0.8834
514 121/160 [=====>.....] - ETA: 59s - loss: 0.3138 - acc: 0.8828
515 122/160 [=====>.....] - ETA: 57s - loss: 0.3145 - acc: 0.8826
516 123/160 [=====>.....] - ETA: 56s - loss: 0.3162 - acc: 0.8822
517 124/160 [=====>.....] - ETA: 54s - loss: 0.3156 - acc: 0.8825
518 125/160 [=====>.....] - ETA: 53s - loss: 0.3146 - acc: 0.8830
519 126/160 [=====>.....] - ETA: 51s - loss: 0.3145 - acc: 0.8827
520 127/160 [=====>.....] - ETA: 50s - loss: 0.3138 - acc: 0.8828
521 128/160 [=====>.....] - ETA: 48s - loss: 0.3141 - acc: 0.8828
522 129/160 [=====>.....] - ETA: 47s - loss: 0.3141 - acc: 0.8826
523 130/160 [=====>.....] - ETA: 45s - loss: 0.3143 - acc: 0.8825
524 131/160 [=====>.....] - ETA: 44s - loss: 0.3133 - acc: 0.8829
525 132/160 [=====>.....] - ETA: 42s - loss: 0.3134 - acc: 0.8827
526 133/160 [=====>.....] - ETA: 41s - loss: 0.3136 - acc: 0.8827
527 134/160 [=====>.....] - ETA: 39s - loss: 0.3124 - acc: 0.8832
528 135/160 [=====>.....] - ETA: 38s - loss: 0.3120 - acc: 0.8834
529 136/160 [=====>.....] - ETA: 36s - loss: 0.3112 - acc: 0.8838
530 137/160 [=====>.....] - ETA: 35s - loss: 0.3109 - acc: 0.8841
531 138/160 [=====>.....] - ETA: 33s - loss: 0.3104 - acc: 0.8845
532 139/160 [=====>.....] - ETA: 32s - loss: 0.3099 - acc: 0.8849
533 140/160 [=====>.....] - ETA: 30s - loss: 0.3089 - acc: 0.8854
534 141/160 [=====>.....] - ETA: 28s - loss: 0.3087 - acc: 0.8857
535 142/160 [=====>.....] - ETA: 27s - loss: 0.3081 - acc: 0.8858
536 143/160 [=====>.....] - ETA: 25s - loss: 0.3072 - acc: 0.8863
537 144/160 [=====>.....] - ETA: 24s - loss: 0.3064 - acc: 0.8866
538 145/160 [=====>.....] - ETA: 22s - loss: 0.3061 - acc: 0.8866
539 146/160 [=====>.....] - ETA: 21s - loss: 0.3054 - acc: 0.8871
540 147/160 [=====>.....] - ETA: 19s - loss: 0.3052 - acc: 0.8873
541 148/160 [=====>.....] - ETA: 18s - loss: 0.3054 - acc: 0.8871
542 149/160 [=====>.....] - ETA: 16s - loss: 0.3054 - acc: 0.8873
543 150/160 [=====>.....] - ETA: 15s - loss: 0.3051 - acc: 0.8875
544 151/160 [=====>.....] - ETA: 13s - loss: 0.3044 - acc: 0.8880
545 152/160 [=====>.....] - ETA: 12s - loss: 0.3036 - acc: 0.8883
546 153/160 [=====>.....] - ETA: 10s - loss: 0.3034 - acc: 0.8884
547 154/160 [=====>.....] - ETA: 9s - loss: 0.3029 - acc: 0.8884
548 155/160 [=====>.....] - ETA: 7s - loss: 0.3020 - acc: 0.8887
549 156/160 [=====>.....] - ETA: 6s - loss: 0.3020 - acc: 0.8883
550 157/160 [=====>.....] - ETA: 4s - loss: 0.3022 - acc: 0.8881
551 158/160 [=====>.....] - ETA: 3s - loss: 0.3019 - acc: 0.8882
552 159/160 [=====>.....] - ETA: 1s - loss: 0.3019 - acc: 0.8883
553 160/160 [=====] - 285s 2s/step - loss: 0.3020 - acc: 0.8882 - val_loss: 0.4904
    - val_acc: 0.8118
554 Epoch 4/23
555
556 1/160 [.....] - ETA: 1:47 - loss: 0.1405 - acc: 0.9643
557 2/160 [.....] - ETA: 1:42 - loss: 0.2282 - acc: 0.9286
558 3/160 [.....] - ETA: 1:41 - loss: 0.2215 - acc: 0.9286
559 4/160 [.....] - ETA: 1:40 - loss: 0.2561 - acc: 0.9137
560 5/160 [.....] - ETA: 1:40 - loss: 0.2633 - acc: 0.9024
561 6/160 [>.....] - ETA: 1:40 - loss: 0.2563 - acc: 0.9048
562 7/160 [>.....] - ETA: 1:40 - loss: 0.2633 - acc: 0.9014
563 8/160 [>.....] - ETA: 1:39 - loss: 0.2565 - acc: 0.9062
564 9/160 [>.....] - ETA: 1:38 - loss: 0.2630 - acc: 0.9048
565 10/160 [>.....] - ETA: 1:38 - loss: 0.2762 - acc: 0.9000
566 11/160 [=>.....] - ETA: 1:37 - loss: 0.2842 - acc: 0.8961
567 12/160 [=>.....] - ETA: 1:36 - loss: 0.2935 - acc: 0.8938
568 13/160 [=>.....] - ETA: 1:36 - loss: 0.3004 - acc: 0.8901
569 14/160 [=>.....] - ETA: 1:35 - loss: 0.3103 - acc: 0.8895
570 15/160 [=>.....] - ETA: 1:35 - loss: 0.3094 - acc: 0.8897
571 16/160 [==>.....] - ETA: 1:34 - loss: 0.3114 - acc: 0.8862
572 17/160 [==>.....] - ETA: 1:33 - loss: 0.3149 - acc: 0.8845
573 18/160 [==>.....] - ETA: 1:33 - loss: 0.3106 - acc: 0.8862
574 19/160 [==>.....] - ETA: 1:32 - loss: 0.3101 - acc: 0.8878
575 20/160 [==>.....] - ETA: 1:31 - loss: 0.3066 - acc: 0.8899
576 21/160 [==>.....] - ETA: 1:31 - loss: 0.3043 - acc: 0.8895
577 22/160 [===>.....] - ETA: 1:30 - loss: 0.3023 - acc: 0.8896
578 23/160 [===>.....] - ETA: 1:29 - loss: 0.2987 - acc: 0.8918
579 24/160 [===>.....] - ETA: 1:29 - loss: 0.2969 - acc: 0.8924
580 25/160 [===>.....] - ETA: 1:28 - loss: 0.2948 - acc: 0.8924
581 26/160 [===>.....] - ETA: 1:27 - loss: 0.2975 - acc: 0.8901
582 27/160 [===>.....] - ETA: 1:27 - loss: 0.3010 - acc: 0.8884
583 28/160 [===>.....] - ETA: 1:26 - loss: 0.2982 - acc: 0.8890
584 29/160 [===>.....] - ETA: 1:25 - loss: 0.2952 - acc: 0.8916

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585	30/160	[====>.....]	- ETA: 1:25 - loss: 0.2934 - acc: 0.8925
586	31/160	[====>.....]	- ETA: 1:24 - loss: 0.2935 - acc: 0.8936
587	32/160	[====>.....]	- ETA: 1:24 - loss: 0.2915 - acc: 0.8951
588	33/160	[====>.....]	- ETA: 1:23 - loss: 0.2904 - acc: 0.8957
589	34/160	[====>.....]	- ETA: 1:22 - loss: 0.2871 - acc: 0.8978
590	35/160	[====>.....]	- ETA: 1:22 - loss: 0.2835 - acc: 0.8997
591	36/160	[====>.....]	- ETA: 1:21 - loss: 0.2816 - acc: 0.9001
592	37/160	[====>.....]	- ETA: 1:20 - loss: 0.2786 - acc: 0.9019
593	38/160	[====>.....]	- ETA: 1:20 - loss: 0.2774 - acc: 0.9023
594	39/160	[====>.....]	- ETA: 1:19 - loss: 0.2770 - acc: 0.9011
595	40/160	[====>.....]	- ETA: 1:18 - loss: 0.2753 - acc: 0.9018
596	41/160	[====>.....]	- ETA: 1:18 - loss: 0.2742 - acc: 0.9030
597	42/160	[====>.....]	- ETA: 1:17 - loss: 0.2732 - acc: 0.9036
598	43/160	[====>.....]	- ETA: 1:17 - loss: 0.2719 - acc: 0.9037
599	44/160	[====>.....]	- ETA: 1:16 - loss: 0.2709 - acc: 0.9034
600	45/160	[====>.....]	- ETA: 1:15 - loss: 0.2685 - acc: 0.9040
601	46/160	[====>.....]	- ETA: 1:15 - loss: 0.2661 - acc: 0.9045
602	47/160	[====>.....]	- ETA: 1:14 - loss: 0.2646 - acc: 0.9053
603	48/160	[====>.....]	- ETA: 1:13 - loss: 0.2625 - acc: 0.9060
604	49/160	[====>.....]	- ETA: 1:13 - loss: 0.2613 - acc: 0.9060
605	50/160	[====>.....]	- ETA: 1:12 - loss: 0.2599 - acc: 0.9064
606	51/160	[====>.....]	- ETA: 1:11 - loss: 0.2596 - acc: 0.9066
607	52/160	[====>.....]	- ETA: 1:11 - loss: 0.2607 - acc: 0.9068
608	53/160	[====>.....]	- ETA: 1:10 - loss: 0.2587 - acc: 0.9070
609	54/160	[====>.....]	- ETA: 1:09 - loss: 0.2607 - acc: 0.9063
610	55/160	[====>.....]	- ETA: 1:09 - loss: 0.2624 - acc: 0.9063
611	56/160	[====>.....]	- ETA: 1:08 - loss: 0.2617 - acc: 0.9067
612	57/160	[====>.....]	- ETA: 1:07 - loss: 0.2614 - acc: 0.9071
613	58/160	[====>.....]	- ETA: 1:07 - loss: 0.2612 - acc: 0.9066
614	59/160	[====>.....]	- ETA: 1:06 - loss: 0.2615 - acc: 0.9062
615	60/160	[====>.....]	- ETA: 1:05 - loss: 0.2602 - acc: 0.9063
616	61/160	[====>.....]	- ETA: 1:05 - loss: 0.2599 - acc: 0.9063
617	62/160	[====>.....]	- ETA: 1:04 - loss: 0.2590 - acc: 0.9071
618	63/160	[====>.....]	- ETA: 1:03 - loss: 0.2607 - acc: 0.9067
619	64/160	[====>.....]	- ETA: 1:03 - loss: 0.2584 - acc: 0.9081
620	65/160	[====>.....]	- ETA: 1:02 - loss: 0.2629 - acc: 0.9057
621	66/160	[====>.....]	- ETA: 1:01 - loss: 0.2661 - acc: 0.9048
622	67/160	[====>.....]	- ETA: 1:01 - loss: 0.2664 - acc: 0.9042
623	68/160	[====>.....]	- ETA: 1:00 - loss: 0.2663 - acc: 0.9042
624	69/160	[====>.....]	- ETA: 59s - loss: 0.2660 - acc: 0.9046
625	70/160	[====>.....]	- ETA: 59s - loss: 0.2681 - acc: 0.9041
626	71/160	[====>.....]	- ETA: 58s - loss: 0.2671 - acc: 0.9044
627	72/160	[====>.....]	- ETA: 57s - loss: 0.2674 - acc: 0.9044
628	73/160	[====>.....]	- ETA: 57s - loss: 0.2679 - acc: 0.9044
629	74/160	[====>.....]	- ETA: 56s - loss: 0.2684 - acc: 0.9044
630	75/160	[====>.....]	- ETA: 56s - loss: 0.2687 - acc: 0.9044
631	76/160	[====>.....]	- ETA: 55s - loss: 0.2680 - acc: 0.9049
632	77/160	[====>.....]	- ETA: 54s - loss: 0.2684 - acc: 0.9046
633	78/160	[====>.....]	- ETA: 54s - loss: 0.2673 - acc: 0.9054
634	79/160	[====>.....]	- ETA: 53s - loss: 0.2675 - acc: 0.9052
635	80/160	[====>.....]	- ETA: 52s - loss: 0.2675 - acc: 0.9058
636	81/160	[====>.....]	- ETA: 52s - loss: 0.2674 - acc: 0.9058
637	82/160	[====>.....]	- ETA: 51s - loss: 0.2671 - acc: 0.9055
638	83/160	[====>.....]	- ETA: 50s - loss: 0.2670 - acc: 0.9055
639	84/160	[====>.....]	- ETA: 50s - loss: 0.2656 - acc: 0.9062
640	85/160	[====>.....]	- ETA: 49s - loss: 0.2652 - acc: 0.9062
641	86/160	[====>.....]	- ETA: 48s - loss: 0.2641 - acc: 0.9066
642	87/160	[====>.....]	- ETA: 48s - loss: 0.2637 - acc: 0.9068
643	88/160	[====>.....]	- ETA: 47s - loss: 0.2629 - acc: 0.9071
644	89/160	[====>.....]	- ETA: 46s - loss: 0.2628 - acc: 0.9070
645	90/160	[====>.....]	- ETA: 46s - loss: 0.2641 - acc: 0.9065
646	91/160	[====>.....]	- ETA: 45s - loss: 0.2642 - acc: 0.9065
647	92/160	[====>.....]	- ETA: 45s - loss: 0.2638 - acc: 0.9067
648	93/160	[====>.....]	- ETA: 44s - loss: 0.2634 - acc: 0.9066
649	94/160	[====>.....]	- ETA: 43s - loss: 0.2629 - acc: 0.9064
650	95/160	[====>.....]	- ETA: 43s - loss: 0.2629 - acc: 0.9066
651	96/160	[====>.....]	- ETA: 42s - loss: 0.2620 - acc: 0.9070
652	97/160	[====>.....]	- ETA: 41s - loss: 0.2616 - acc: 0.9071
653	98/160	[====>.....]	- ETA: 41s - loss: 0.2621 - acc: 0.9069
654	99/160	[====>.....]	- ETA: 40s - loss: 0.2618 - acc: 0.9070
655	100/160	[====>.....]	- ETA: 39s - loss: 0.2623 - acc: 0.9067
656	101/160	[====>.....]	- ETA: 39s - loss: 0.2617 - acc: 0.9068
657	102/160	[====>.....]	- ETA: 38s - loss: 0.2617 - acc: 0.9071
658	103/160	[====>.....]	- ETA: 38s - loss: 0.2607 - acc: 0.9078
659	104/160	[====>.....]	- ETA: 37s - loss: 0.2609 - acc: 0.9079
660	105/160	[====>.....]	- ETA: 36s - loss: 0.2593 - acc: 0.9086
661	106/160	[====>.....]	- ETA: 36s - loss: 0.2602 - acc: 0.9078

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662 107/160 [=====>.....] - ETA: 35s - loss: 0.2598 - acc: 0.9078
663 108/160 [=====>.....] - ETA: 34s - loss: 0.2589 - acc: 0.9078
664 109/160 [=====>.....] - ETA: 34s - loss: 0.2585 - acc: 0.9079
665 110/160 [=====>.....] - ETA: 33s - loss: 0.2586 - acc: 0.9082
666 111/160 [=====>.....] - ETA: 33s - loss: 0.2588 - acc: 0.9081
667 112/160 [=====>.....] - ETA: 32s - loss: 0.2579 - acc: 0.9084
668 113/160 [=====>.....] - ETA: 31s - loss: 0.2567 - acc: 0.9091
669 114/160 [=====>.....] - ETA: 31s - loss: 0.2555 - acc: 0.9095
670 115/160 [=====>.....] - ETA: 30s - loss: 0.2549 - acc: 0.9097
671 116/160 [=====>.....] - ETA: 29s - loss: 0.2548 - acc: 0.9099
672 117/160 [=====>.....] - ETA: 29s - loss: 0.2569 - acc: 0.9092
673 118/160 [=====>.....] - ETA: 28s - loss: 0.2561 - acc: 0.9094
674 119/160 [=====>.....] - ETA: 27s - loss: 0.2560 - acc: 0.9094
675 120/160 [=====>.....] - ETA: 27s - loss: 0.2556 - acc: 0.9094
676 121/160 [=====>.....] - ETA: 26s - loss: 0.2546 - acc: 0.9099
677 122/160 [=====>.....] - ETA: 25s - loss: 0.2550 - acc: 0.9094
678 123/160 [=====>.....] - ETA: 25s - loss: 0.2544 - acc: 0.9097
679 124/160 [=====>.....] - ETA: 24s - loss: 0.2537 - acc: 0.9099
680 125/160 [=====>.....] - ETA: 23s - loss: 0.2531 - acc: 0.9101
681 126/160 [=====>.....] - ETA: 23s - loss: 0.2531 - acc: 0.9101
682 127/160 [=====>.....] - ETA: 22s - loss: 0.2529 - acc: 0.9102
683 128/160 [=====>.....] - ETA: 21s - loss: 0.2527 - acc: 0.9101
684 129/160 [=====>.....] - ETA: 21s - loss: 0.2520 - acc: 0.9101
685 130/160 [=====>.....] - ETA: 20s - loss: 0.2511 - acc: 0.9106
686 131/160 [=====>.....] - ETA: 19s - loss: 0.2513 - acc: 0.9105
687 132/160 [=====>.....] - ETA: 19s - loss: 0.2507 - acc: 0.9107
688 133/160 [=====>.....] - ETA: 18s - loss: 0.2499 - acc: 0.9108
689 134/160 [=====>.....] - ETA: 17s - loss: 0.2498 - acc: 0.9108
690 135/160 [=====>.....] - ETA: 17s - loss: 0.2489 - acc: 0.9112
691 136/160 [=====>.....] - ETA: 16s - loss: 0.2478 - acc: 0.9116
692 137/160 [=====>.....] - ETA: 15s - loss: 0.2470 - acc: 0.9119
693 138/160 [=====>.....] - ETA: 15s - loss: 0.2464 - acc: 0.9119
694 139/160 [=====>.....] - ETA: 14s - loss: 0.2461 - acc: 0.9120
695 140/160 [=====>.....] - ETA: 13s - loss: 0.2458 - acc: 0.9122
696 141/160 [=====>.....] - ETA: 12s - loss: 0.2453 - acc: 0.9124
697 142/160 [=====>.....] - ETA: 12s - loss: 0.2445 - acc: 0.9128
698 143/160 [=====>.....] - ETA: 11s - loss: 0.2441 - acc: 0.9130
699 144/160 [=====>.....] - ETA: 10s - loss: 0.2432 - acc: 0.9134
700 145/160 [=====>.....] - ETA: 10s - loss: 0.2423 - acc: 0.9137
701 146/160 [=====>.....] - ETA: 9s - loss: 0.2413 - acc: 0.9142
702 147/160 [=====>.....] - ETA: 8s - loss: 0.2407 - acc: 0.9146
703 148/160 [=====>.....] - ETA: 8s - loss: 0.2403 - acc: 0.9148
704 149/160 [=====>.....] - ETA: 7s - loss: 0.2398 - acc: 0.9149
705 150/160 [=====>.....] - ETA: 6s - loss: 0.2404 - acc: 0.9145
706 151/160 [=====>.....] - ETA: 6s - loss: 0.2404 - acc: 0.9145
707 152/160 [=====>.....] - ETA: 5s - loss: 0.2398 - acc: 0.9146
708 153/160 [=====>.....] - ETA: 4s - loss: 0.2393 - acc: 0.9147
709 154/160 [=====>.....] - ETA: 4s - loss: 0.2389 - acc: 0.9146
710 155/160 [=====>.....] - ETA: 3s - loss: 0.2380 - acc: 0.9149
711 156/160 [=====>.....] - ETA: 2s - loss: 0.2371 - acc: 0.9151
712 157/160 [=====>.....] - ETA: 2s - loss: 0.2371 - acc: 0.9154
713 158/160 [=====>.....] - ETA: 1s - loss: 0.2370 - acc: 0.9154
714 159/160 [=====>.....] - ETA: 0s - loss: 0.2371 - acc: 0.9152
715 160/160 [=====] - 151s 945ms/step - loss: 0.2367 - acc: 0.9151 - val_loss: 0.
5197 - val_acc: 0.8289
716 Epoch 5/23
717
718 1/160 [.....] - ETA: 1:51 - loss: 0.2514 - acc: 0.9167
719 2/160 [.....] - ETA: 1:49 - loss: 0.2469 - acc: 0.9167
720 3/160 [.....] - ETA: 1:47 - loss: 0.2358 - acc: 0.9246
721 4/160 [.....] - ETA: 1:46 - loss: 0.2307 - acc: 0.9256
722 5/160 [.....] - ETA: 1:45 - loss: 0.2015 - acc: 0.9357
723 6/160 [>.....] - ETA: 1:44 - loss: 0.1979 - acc: 0.9286
724 7/160 [>.....] - ETA: 1:43 - loss: 0.1911 - acc: 0.9303
725 8/160 [>.....] - ETA: 1:42 - loss: 0.1821 - acc: 0.9330
726 9/160 [>.....] - ETA: 1:41 - loss: 0.1797 - acc: 0.9325
727 10/160 [>.....] - ETA: 1:40 - loss: 0.1792 - acc: 0.9310
728 11/160 [=>.....] - ETA: 1:40 - loss: 0.1775 - acc: 0.9329
729 12/160 [=>.....] - ETA: 1:39 - loss: 0.1770 - acc: 0.9345
730 13/160 [=>.....] - ETA: 1:38 - loss: 0.1713 - acc: 0.9377
731 14/160 [=>.....] - ETA: 1:37 - loss: 0.1689 - acc: 0.9388
732 15/160 [=>.....] - ETA: 1:36 - loss: 0.1700 - acc: 0.9365
733 16/160 [==>.....] - ETA: 1:36 - loss: 0.1655 - acc: 0.9375
734 17/160 [==>.....] - ETA: 1:35 - loss: 0.1624 - acc: 0.9377
735 18/160 [==>.....] - ETA: 1:34 - loss: 0.1581 - acc: 0.9405
736 19/160 [==>.....] - ETA: 1:33 - loss: 0.1622 - acc: 0.9392
737 20/160 [==>.....] - ETA: 1:33 - loss: 0.1631 - acc: 0.9375

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738	21/160	[==>.....]	- ETA: 1:32 - loss: 0.1706 - acc: 0.9376
739	22/160	[==>.....]	- ETA: 1:31 - loss: 0.1760 - acc: 0.9356
740	23/160	[==>.....]	- ETA: 1:30 - loss: 0.1759 - acc: 0.9353
741	24/160	[==>.....]	- ETA: 1:30 - loss: 0.1711 - acc: 0.9375
742	25/160	[==>.....]	- ETA: 1:29 - loss: 0.1706 - acc: 0.9376
743	26/160	[==>.....]	- ETA: 1:28 - loss: 0.1695 - acc: 0.9382
744	27/160	[==>.....]	- ETA: 1:28 - loss: 0.1704 - acc: 0.9378
745	28/160	[==>.....]	- ETA: 1:27 - loss: 0.1739 - acc: 0.9366
746	29/160	[==>.....]	- ETA: 1:26 - loss: 0.1716 - acc: 0.9376
747	30/160	[==>.....]	- ETA: 1:26 - loss: 0.1700 - acc: 0.9393
748	31/160	[==>.....]	- ETA: 1:25 - loss: 0.1742 - acc: 0.9393
749	32/160	[==>.....]	- ETA: 1:24 - loss: 0.1749 - acc: 0.9390
750	33/160	[==>.....]	- ETA: 1:24 - loss: 0.1746 - acc: 0.9390
751	34/160	[==>.....]	- ETA: 1:23 - loss: 0.1774 - acc: 0.9380
752	35/160	[==>.....]	- ETA: 1:22 - loss: 0.1770 - acc: 0.9384
753	36/160	[==>.....]	- ETA: 1:22 - loss: 0.1773 - acc: 0.9378
754	37/160	[==>.....]	- ETA: 1:21 - loss: 0.1745 - acc: 0.9395
755	38/160	[==>.....]	- ETA: 1:20 - loss: 0.1766 - acc: 0.9389
756	39/160	[==>.....]	- ETA: 1:20 - loss: 0.1743 - acc: 0.9405
757	40/160	[==>.....]	- ETA: 1:19 - loss: 0.1768 - acc: 0.9399
758	41/160	[==>.....]	- ETA: 1:18 - loss: 0.1777 - acc: 0.9399
759	42/160	[==>.....]	- ETA: 1:18 - loss: 0.1789 - acc: 0.9396
760	43/160	[==>.....]	- ETA: 1:17 - loss: 0.1802 - acc: 0.9385
761	44/160	[==>.....]	- ETA: 1:16 - loss: 0.1850 - acc: 0.9378
762	45/160	[==>.....]	- ETA: 1:16 - loss: 0.1824 - acc: 0.9392
763	46/160	[==>.....]	- ETA: 1:15 - loss: 0.1827 - acc: 0.9389
764	47/160	[==>.....]	- ETA: 1:14 - loss: 0.1820 - acc: 0.9392
765	48/160	[==>.....]	- ETA: 1:14 - loss: 0.1834 - acc: 0.9382
766	49/160	[==>.....]	- ETA: 1:13 - loss: 0.1825 - acc: 0.9388
767	50/160	[==>.....]	- ETA: 1:12 - loss: 0.1828 - acc: 0.9386
768	51/160	[==>.....]	- ETA: 1:12 - loss: 0.1845 - acc: 0.9377
769	52/160	[==>.....]	- ETA: 1:11 - loss: 0.1837 - acc: 0.9375
770	53/160	[==>.....]	- ETA: 1:10 - loss: 0.1821 - acc: 0.9382
771	54/160	[==>.....]	- ETA: 1:09 - loss: 0.1820 - acc: 0.9385
772	55/160	[==>.....]	- ETA: 1:09 - loss: 0.1815 - acc: 0.9383
773	56/160	[==>.....]	- ETA: 1:08 - loss: 0.1829 - acc: 0.9379
774	57/160	[==>.....]	- ETA: 1:07 - loss: 0.1822 - acc: 0.9380
775	58/160	[==>.....]	- ETA: 1:07 - loss: 0.1832 - acc: 0.9378
776	59/160	[==>.....]	- ETA: 1:06 - loss: 0.1821 - acc: 0.9385
777	60/160	[==>.....]	- ETA: 1:05 - loss: 0.1826 - acc: 0.9383
778	61/160	[==>.....]	- ETA: 1:05 - loss: 0.1830 - acc: 0.9377
779	62/160	[==>.....]	- ETA: 1:04 - loss: 0.1815 - acc: 0.9382
780	63/160	[==>.....]	- ETA: 1:03 - loss: 0.1844 - acc: 0.9378
781	64/160	[==>.....]	- ETA: 1:03 - loss: 0.1828 - acc: 0.9384
782	65/160	[==>.....]	- ETA: 1:02 - loss: 0.1830 - acc: 0.9385
783	66/160	[==>.....]	- ETA: 1:01 - loss: 0.1815 - acc: 0.9387
784	67/160	[==>.....]	- ETA: 1:01 - loss: 0.1817 - acc: 0.9387
785	68/160	[==>.....]	- ETA: 1:01 - loss: 0.1819 - acc: 0.9389
786	69/160	[==>.....]	- ETA: 1:00 - loss: 0.1806 - acc: 0.9393
787	70/160	[==>.....]	- ETA: 1:00 - loss: 0.1804 - acc: 0.9395
788	71/160	[==>.....]	- ETA: 59s - loss: 0.1793 - acc: 0.9400
789	72/160	[==>.....]	- ETA: 58s - loss: 0.1814 - acc: 0.9395
790	73/160	[==>.....]	- ETA: 58s - loss: 0.1814 - acc: 0.9395
791	74/160	[==>.....]	- ETA: 57s - loss: 0.1798 - acc: 0.9403
792	75/160	[==>.....]	- ETA: 57s - loss: 0.1804 - acc: 0.9400
793	76/160	[==>.....]	- ETA: 56s - loss: 0.1809 - acc: 0.9398
794	77/160	[==>.....]	- ETA: 56s - loss: 0.1811 - acc: 0.9402
795	78/160	[==>.....]	- ETA: 55s - loss: 0.1821 - acc: 0.9397
796	79/160	[==>.....]	- ETA: 54s - loss: 0.1812 - acc: 0.9400
797	80/160	[==>.....]	- ETA: 54s - loss: 0.1806 - acc: 0.9402
798	81/160	[==>.....]	- ETA: 53s - loss: 0.1800 - acc: 0.9402
799	82/160	[==>.....]	- ETA: 52s - loss: 0.1804 - acc: 0.9403
800	83/160	[==>.....]	- ETA: 52s - loss: 0.1828 - acc: 0.9395
801	84/160	[==>.....]	- ETA: 51s - loss: 0.1823 - acc: 0.9396
802	85/160	[==>.....]	- ETA: 51s - loss: 0.1818 - acc: 0.9396
803	86/160	[==>.....]	- ETA: 50s - loss: 0.1826 - acc: 0.9394
804	87/160	[==>.....]	- ETA: 50s - loss: 0.1825 - acc: 0.9391
805	88/160	[==>.....]	- ETA: 49s - loss: 0.1827 - acc: 0.9391
806	89/160	[==>.....]	- ETA: 48s - loss: 0.1837 - acc: 0.9393
807	90/160	[==>.....]	- ETA: 48s - loss: 0.1833 - acc: 0.9394
808	91/160	[==>.....]	- ETA: 47s - loss: 0.1827 - acc: 0.9396
809	92/160	[==>.....]	- ETA: 46s - loss: 0.1821 - acc: 0.9397
810	93/160	[==>.....]	- ETA: 46s - loss: 0.1832 - acc: 0.9402
811	94/160	[==>.....]	- ETA: 45s - loss: 0.1820 - acc: 0.9409
812	95/160	[==>.....]	- ETA: 44s - loss: 0.1820 - acc: 0.9410
813	96/160	[==>.....]	- ETA: 44s - loss: 0.1822 - acc: 0.9408
814	97/160	[==>.....]	- ETA: 43s - loss: 0.1812 - acc: 0.9412

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815 98/160 [=====>.....] - ETA: 43s - loss: 0.1813 - acc: 0.9411
816 99/160 [=====>.....] - ETA: 42s - loss: 0.1808 - acc: 0.9412
817 100/160 [=====>.....] - ETA: 41s - loss: 0.1810 - acc: 0.9408
818 101/160 [=====>.....] - ETA: 41s - loss: 0.1801 - acc: 0.9412
819 102/160 [=====>.....] - ETA: 40s - loss: 0.1796 - acc: 0.9412
820 103/160 [=====>.....] - ETA: 39s - loss: 0.1801 - acc: 0.9411
821 104/160 [=====>.....] - ETA: 39s - loss: 0.1804 - acc: 0.9407
822 105/160 [=====>.....] - ETA: 38s - loss: 0.1802 - acc: 0.9407
823 106/160 [=====>.....] - ETA: 37s - loss: 0.1795 - acc: 0.9408
824 107/160 [=====>.....] - ETA: 37s - loss: 0.1802 - acc: 0.9403
825 108/160 [=====>.....] - ETA: 36s - loss: 0.1801 - acc: 0.9403
826 109/160 [=====>.....] - ETA: 36s - loss: 0.1797 - acc: 0.9404
827 110/160 [=====>.....] - ETA: 35s - loss: 0.1800 - acc: 0.9400
828 111/160 [=====>.....] - ETA: 34s - loss: 0.1797 - acc: 0.9403
829 112/160 [=====>.....] - ETA: 34s - loss: 0.1799 - acc: 0.9402
830 113/160 [=====>.....] - ETA: 33s - loss: 0.1795 - acc: 0.9404
831 114/160 [=====>.....] - ETA: 33s - loss: 0.1791 - acc: 0.9406
832 115/160 [=====>.....] - ETA: 32s - loss: 0.1797 - acc: 0.9404
833 116/160 [=====>.....] - ETA: 31s - loss: 0.1790 - acc: 0.9406
834 117/160 [=====>.....] - ETA: 30s - loss: 0.1794 - acc: 0.9403
835 118/160 [=====>.....] - ETA: 30s - loss: 0.1800 - acc: 0.9400
836 119/160 [=====>.....] - ETA: 29s - loss: 0.1793 - acc: 0.9402
837 120/160 [=====>.....] - ETA: 28s - loss: 0.1796 - acc: 0.9398
838 121/160 [=====>.....] - ETA: 28s - loss: 0.1800 - acc: 0.9397
839 122/160 [=====>.....] - ETA: 27s - loss: 0.1803 - acc: 0.9397
840 123/160 [=====>.....] - ETA: 26s - loss: 0.1801 - acc: 0.9397
841 124/160 [=====>.....] - ETA: 26s - loss: 0.1797 - acc: 0.9399
842 125/160 [=====>.....] - ETA: 25s - loss: 0.1799 - acc: 0.9396
843 126/160 [=====>.....] - ETA: 24s - loss: 0.1797 - acc: 0.9396
844 127/160 [=====>.....] - ETA: 24s - loss: 0.1792 - acc: 0.9399
845 128/160 [=====>.....] - ETA: 23s - loss: 0.1794 - acc: 0.9401
846 129/160 [=====>.....] - ETA: 22s - loss: 0.1796 - acc: 0.9402
847 130/160 [=====>.....] - ETA: 21s - loss: 0.1799 - acc: 0.9401
848 131/160 [=====>.....] - ETA: 21s - loss: 0.1799 - acc: 0.9399
849 132/160 [=====>.....] - ETA: 20s - loss: 0.1808 - acc: 0.9396
850 133/160 [=====>.....] - ETA: 19s - loss: 0.1801 - acc: 0.9398
851 134/160 [=====>.....] - ETA: 19s - loss: 0.1803 - acc: 0.9399
852 135/160 [=====>.....] - ETA: 18s - loss: 0.1799 - acc: 0.9399
853 136/160 [=====>.....] - ETA: 17s - loss: 0.1793 - acc: 0.9401
854 137/160 [=====>.....] - ETA: 16s - loss: 0.1787 - acc: 0.9404
855 138/160 [=====>.....] - ETA: 16s - loss: 0.1785 - acc: 0.9406
856 139/160 [=====>.....] - ETA: 15s - loss: 0.1786 - acc: 0.9403
857 140/160 [=====>.....] - ETA: 14s - loss: 0.1784 - acc: 0.9403
858 141/160 [=====>.....] - ETA: 14s - loss: 0.1784 - acc: 0.9402
859 142/160 [=====>.....] - ETA: 13s - loss: 0.1777 - acc: 0.9405
860 143/160 [=====>.....] - ETA: 12s - loss: 0.1775 - acc: 0.9404
861 144/160 [=====>.....] - ETA: 11s - loss: 0.1770 - acc: 0.9405
862 145/160 [=====>.....] - ETA: 11s - loss: 0.1781 - acc: 0.9406
863 146/160 [=====>.....] - ETA: 10s - loss: 0.1783 - acc: 0.9406
864 147/160 [=====>.....] - ETA: 9s - loss: 0.1784 - acc: 0.9404
865 148/160 [=====>.....] - ETA: 8s - loss: 0.1779 - acc: 0.9407
866 149/160 [=====>.....] - ETA: 8s - loss: 0.1779 - acc: 0.9407
867 150/160 [=====>.....] - ETA: 7s - loss: 0.1772 - acc: 0.9410
868 151/160 [=====>.....] - ETA: 6s - loss: 0.1772 - acc: 0.9409
869 152/160 [=====>.....] - ETA: 5s - loss: 0.1767 - acc: 0.9411
870 153/160 [=====>.....] - ETA: 5s - loss: 0.1768 - acc: 0.9411
871 154/160 [=====>.....] - ETA: 4s - loss: 0.1766 - acc: 0.9411
872 155/160 [=====>.....] - ETA: 3s - loss: 0.1761 - acc: 0.9412
873 156/160 [=====>.....] - ETA: 3s - loss: 0.1762 - acc: 0.9412
874 157/160 [=====>.....] - ETA: 2s - loss: 0.1764 - acc: 0.9412
875 158/160 [=====>.....] - ETA: 1s - loss: 0.1759 - acc: 0.9414
876 159/160 [=====>.....] - ETA: 0s - loss: 0.1752 - acc: 0.9415
877 160/160 [=====] - 161s 1s/step - loss: 0.1752 - acc: 0.9414 - val_loss: 0.8262
- val_acc: 0.7432
878 Epoch 6/23
879
880 1/160 [.....] - ETA: 1:46 - loss: 0.0991 - acc: 0.9643
881 2/160 [.....] - ETA: 1:43 - loss: 0.1309 - acc: 0.9464
882 3/160 [.....] - ETA: 1:41 - loss: 0.1544 - acc: 0.9365
883 4/160 [.....] - ETA: 1:40 - loss: 0.1572 - acc: 0.9405
884 5/160 [.....] - ETA: 1:39 - loss: 0.1836 - acc: 0.9238
885 6/160 [>.....] - ETA: 1:39 - loss: 0.1923 - acc: 0.9246
886 7/160 [>.....] - ETA: 1:38 - loss: 0.1847 - acc: 0.9303
887 8/160 [>.....] - ETA: 1:38 - loss: 0.1830 - acc: 0.9271
888 9/160 [>.....] - ETA: 1:37 - loss: 0.1767 - acc: 0.9325
889 10/160 [>.....] - ETA: 1:36 - loss: 0.1869 - acc: 0.9321
890 11/160 [=>.....] - ETA: 1:36 - loss: 0.1974 - acc: 0.9286

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891	12/160	[=>.....]	- ETA: 1:35 - loss: 0.1973 - acc: 0.9286
892	13/160	[=>.....]	- ETA: 1:34 - loss: 0.1953 - acc: 0.9286
893	14/160	[=>.....]	- ETA: 1:34 - loss: 0.2005 - acc: 0.9260
894	15/160	[=>.....]	- ETA: 1:33 - loss: 0.1964 - acc: 0.9270
895	16/160	[==>.....]	- ETA: 1:32 - loss: 0.1943 - acc: 0.9263
896	17/160	[==>.....]	- ETA: 1:32 - loss: 0.1894 - acc: 0.9286
897	18/160	[==>.....]	- ETA: 1:31 - loss: 0.1938 - acc: 0.9266
898	19/160	[==>.....]	- ETA: 1:31 - loss: 0.1931 - acc: 0.9267
899	20/160	[==>.....]	- ETA: 1:30 - loss: 0.1918 - acc: 0.9286
900	21/160	[==>.....]	- ETA: 1:29 - loss: 0.1935 - acc: 0.9269
901	22/160	[===>.....]	- ETA: 1:28 - loss: 0.1935 - acc: 0.9259
902	23/160	[===>.....]	- ETA: 1:28 - loss: 0.1969 - acc: 0.9244
903	24/160	[===>.....]	- ETA: 1:27 - loss: 0.1931 - acc: 0.9261
904	25/160	[===>.....]	- ETA: 1:27 - loss: 0.1915 - acc: 0.9271
905	26/160	[===>.....]	- ETA: 1:26 - loss: 0.1953 - acc: 0.9258
906	27/160	[===>.....]	- ETA: 1:25 - loss: 0.1949 - acc: 0.9255
907	28/160	[===>.....]	- ETA: 1:25 - loss: 0.1971 - acc: 0.9252
908	29/160	[===>.....]	- ETA: 1:26 - loss: 0.1957 - acc: 0.9257
909	30/160	[===>.....]	- ETA: 1:26 - loss: 0.2015 - acc: 0.9238
910	31/160	[===>.....]	- ETA: 1:27 - loss: 0.2047 - acc: 0.9224
911	32/160	[====>.....]	- ETA: 1:28 - loss: 0.2042 - acc: 0.9222
912	33/160	[====>.....]	- ETA: 1:28 - loss: 0.2060 - acc: 0.9217
913	34/160	[====>.....]	- ETA: 1:28 - loss: 0.2057 - acc: 0.9216
914	35/160	[====>.....]	- ETA: 1:29 - loss: 0.2020 - acc: 0.9235
915	36/160	[====>.....]	- ETA: 1:29 - loss: 0.2025 - acc: 0.9223
916	37/160	[====>.....]	- ETA: 1:29 - loss: 0.2052 - acc: 0.9212
917	38/160	[====>.....]	- ETA: 1:30 - loss: 0.2070 - acc: 0.9201
918	39/160	[====>.....]	- ETA: 1:31 - loss: 0.2075 - acc: 0.9209
919	40/160	[====>.....]	- ETA: 1:31 - loss: 0.2082 - acc: 0.9211
920	41/160	[====>.....]	- ETA: 1:31 - loss: 0.2094 - acc: 0.9210
921	42/160	[====>.....]	- ETA: 1:33 - loss: 0.2079 - acc: 0.9215
922	43/160	[====>.....]	- ETA: 1:33 - loss: 0.2095 - acc: 0.9211
923	44/160	[====>.....]	- ETA: 1:32 - loss: 0.2104 - acc: 0.9205
924	45/160	[====>.....]	- ETA: 1:32 - loss: 0.2102 - acc: 0.9206
925	46/160	[====>.....]	- ETA: 1:32 - loss: 0.2090 - acc: 0.9213
926	47/160	[====>.....]	- ETA: 1:32 - loss: 0.2083 - acc: 0.9215
927	48/160	[====>.....]	- ETA: 1:32 - loss: 0.2083 - acc: 0.9216
928	49/160	[====>.....]	- ETA: 1:32 - loss: 0.2074 - acc: 0.9220
929	50/160	[====>.....]	- ETA: 1:32 - loss: 0.2101 - acc: 0.9202
930	51/160	[====>.....]	- ETA: 1:31 - loss: 0.2101 - acc: 0.9201
931	52/160	[====>.....]	- ETA: 1:31 - loss: 0.2087 - acc: 0.9207
932	53/160	[====>.....]	- ETA: 1:30 - loss: 0.2073 - acc: 0.9216
933	54/160	[====>.....]	- ETA: 1:30 - loss: 0.2068 - acc: 0.9213
934	55/160	[====>.....]	- ETA: 1:30 - loss: 0.2060 - acc: 0.9214
935	56/160	[====>.....]	- ETA: 1:30 - loss: 0.2043 - acc: 0.9222
936	57/160	[====>.....]	- ETA: 1:29 - loss: 0.2039 - acc: 0.9225
937	58/160	[====>.....]	- ETA: 1:29 - loss: 0.2027 - acc: 0.9230
938	59/160	[====>.....]	- ETA: 1:29 - loss: 0.2049 - acc: 0.9227
939	60/160	[====>.....]	- ETA: 1:29 - loss: 0.2031 - acc: 0.9234
940	61/160	[====>.....]	- ETA: 1:29 - loss: 0.2019 - acc: 0.9239
941	62/160	[====>.....]	- ETA: 1:29 - loss: 0.2015 - acc: 0.9243
942	63/160	[====>.....]	- ETA: 1:28 - loss: 0.2002 - acc: 0.9250
943	64/160	[====>.....]	- ETA: 1:28 - loss: 0.1989 - acc: 0.9256
944	65/160	[====>.....]	- ETA: 1:27 - loss: 0.1976 - acc: 0.9260
945	66/160	[====>.....]	- ETA: 1:27 - loss: 0.1982 - acc: 0.9259
946	67/160	[====>.....]	- ETA: 1:27 - loss: 0.1975 - acc: 0.9255
947	68/160	[====>.....]	- ETA: 1:26 - loss: 0.1972 - acc: 0.9256
948	69/160	[====>.....]	- ETA: 1:26 - loss: 0.1967 - acc: 0.9256
949	70/160	[====>.....]	- ETA: 1:25 - loss: 0.1954 - acc: 0.9260
950	71/160	[====>.....]	- ETA: 1:24 - loss: 0.1940 - acc: 0.9264
951	72/160	[====>.....]	- ETA: 1:24 - loss: 0.1932 - acc: 0.9267
952	73/160	[====>.....]	- ETA: 1:23 - loss: 0.1924 - acc: 0.9269
953	74/160	[====>.....]	- ETA: 1:22 - loss: 0.1921 - acc: 0.9265
954	75/160	[====>.....]	- ETA: 1:22 - loss: 0.1918 - acc: 0.9270
955	76/160	[====>.....]	- ETA: 1:21 - loss: 0.1916 - acc: 0.9268
956	77/160	[====>.....]	- ETA: 1:21 - loss: 0.1945 - acc: 0.9266
957	78/160	[====>.....]	- ETA: 1:20 - loss: 0.1933 - acc: 0.9272
958	79/160	[====>.....]	- ETA: 1:19 - loss: 0.1923 - acc: 0.9277
959	80/160	[====>.....]	- ETA: 1:19 - loss: 0.1910 - acc: 0.9281
960	81/160	[====>.....]	- ETA: 1:18 - loss: 0.1910 - acc: 0.9286
961	82/160	[====>.....]	- ETA: 1:17 - loss: 0.1909 - acc: 0.9286
962	83/160	[====>.....]	- ETA: 1:16 - loss: 0.1896 - acc: 0.9291
963	84/160	[====>.....]	- ETA: 1:16 - loss: 0.1881 - acc: 0.9299
964	85/160	[====>.....]	- ETA: 1:15 - loss: 0.1872 - acc: 0.9301
965	86/160	[====>.....]	- ETA: 1:14 - loss: 0.1863 - acc: 0.9305
966	87/160	[====>.....]	- ETA: 1:13 - loss: 0.1861 - acc: 0.9305
967	88/160	[====>.....]	- ETA: 1:13 - loss: 0.1860 - acc: 0.9307

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968 89/160 [=====>.....] - ETA: 1:12 - loss: 0.1856 - acc: 0.9307
969 90/160 [=====>.....] - ETA: 1:11 - loss: 0.1849 - acc: 0.9308
970 91/160 [=====>.....] - ETA: 1:10 - loss: 0.1851 - acc: 0.9309
971 92/160 [=====>.....] - ETA: 1:10 - loss: 0.1849 - acc: 0.9310
972 93/160 [=====>.....] - ETA: 1:09 - loss: 0.1840 - acc: 0.9313
973 94/160 [=====>.....] - ETA: 1:08 - loss: 0.1828 - acc: 0.9317
974 95/160 [=====>.....] - ETA: 1:07 - loss: 0.1821 - acc: 0.9322
975 96/160 [=====>.....] - ETA: 1:06 - loss: 0.1811 - acc: 0.9328
976 97/160 [=====>.....] - ETA: 1:05 - loss: 0.1815 - acc: 0.9326
977 98/160 [=====>.....] - ETA: 1:04 - loss: 0.1806 - acc: 0.9330
978 99/160 [=====>.....] - ETA: 1:03 - loss: 0.1797 - acc: 0.9334
979 100/160 [=====>.....] - ETA: 1:02 - loss: 0.1790 - acc: 0.9336
980 101/160 [=====>.....] - ETA: 1:02 - loss: 0.1792 - acc: 0.9337
981 102/160 [=====>.....] - ETA: 1:01 - loss: 0.1781 - acc: 0.9341
982 103/160 [=====>.....] - ETA: 1:00 - loss: 0.1781 - acc: 0.9341
983 104/160 [=====>.....] - ETA: 59s - loss: 0.1774 - acc: 0.9342
984 105/160 [=====>.....] - ETA: 58s - loss: 0.1762 - acc: 0.9347
985 106/160 [=====>.....] - ETA: 57s - loss: 0.1758 - acc: 0.9348
986 107/160 [=====>.....] - ETA: 56s - loss: 0.1753 - acc: 0.9348
987 108/160 [=====>.....] - ETA: 55s - loss: 0.1743 - acc: 0.9353
988 109/160 [=====>.....] - ETA: 54s - loss: 0.1742 - acc: 0.9355
989 110/160 [=====>.....] - ETA: 53s - loss: 0.1733 - acc: 0.9356
990 111/160 [=====>.....] - ETA: 52s - loss: 0.1729 - acc: 0.9357
991 112/160 [=====>.....] - ETA: 51s - loss: 0.1724 - acc: 0.9359
992 113/160 [=====>.....] - ETA: 50s - loss: 0.1720 - acc: 0.9361
993 114/160 [=====>.....] - ETA: 49s - loss: 0.1724 - acc: 0.9361
994 115/160 [=====>.....] - ETA: 48s - loss: 0.1718 - acc: 0.9364
995 116/160 [=====>.....] - ETA: 47s - loss: 0.1716 - acc: 0.9364
996 117/160 [=====>.....] - ETA: 46s - loss: 0.1713 - acc: 0.9364
997 118/160 [=====>.....] - ETA: 45s - loss: 0.1709 - acc: 0.9367
998 119/160 [=====>.....] - ETA: 44s - loss: 0.1704 - acc: 0.9368
999 120/160 [=====>.....] - ETA: 43s - loss: 0.1700 - acc: 0.9370
1000 121/160 [=====>.....] - ETA: 42s - loss: 0.1701 - acc: 0.9371
1001 122/160 [=====>.....] - ETA: 41s - loss: 0.1696 - acc: 0.9373
1002 123/160 [=====>.....] - ETA: 40s - loss: 0.1694 - acc: 0.9374
1003 124/160 [=====>.....] - ETA: 39s - loss: 0.1685 - acc: 0.9378
1004 125/160 [=====>.....] - ETA: 38s - loss: 0.1677 - acc: 0.9381
1005 126/160 [=====>.....] - ETA: 37s - loss: 0.1676 - acc: 0.9382
1006 127/160 [=====>.....] - ETA: 36s - loss: 0.1675 - acc: 0.9380
1007 128/160 [=====>.....] - ETA: 35s - loss: 0.1670 - acc: 0.9382
1008 129/160 [=====>.....] - ETA: 34s - loss: 0.1669 - acc: 0.9384
1009 130/160 [=====>.....] - ETA: 33s - loss: 0.1668 - acc: 0.9385
1010 131/160 [=====>.....] - ETA: 32s - loss: 0.1670 - acc: 0.9386
1011 132/160 [=====>.....] - ETA: 31s - loss: 0.1665 - acc: 0.9388
1012 133/160 [=====>.....] - ETA: 29s - loss: 0.1659 - acc: 0.9391
1013 134/160 [=====>.....] - ETA: 28s - loss: 0.1659 - acc: 0.9390
1014 135/160 [=====>.....] - ETA: 27s - loss: 0.1662 - acc: 0.9386
1015 136/160 [=====>.....] - ETA: 26s - loss: 0.1664 - acc: 0.9385
1016 137/160 [=====>.....] - ETA: 25s - loss: 0.1659 - acc: 0.9387
1017 138/160 [=====>.....] - ETA: 24s - loss: 0.1653 - acc: 0.9390
1018 139/160 [=====>.....] - ETA: 23s - loss: 0.1653 - acc: 0.9391
1019 140/160 [=====>.....] - ETA: 22s - loss: 0.1657 - acc: 0.9389
1020 141/160 [=====>.....] - ETA: 21s - loss: 0.1651 - acc: 0.9392
1021 142/160 [=====>.....] - ETA: 20s - loss: 0.1645 - acc: 0.9393
1022 143/160 [=====>.....] - ETA: 19s - loss: 0.1650 - acc: 0.9391
1023 144/160 [=====>.....] - ETA: 18s - loss: 0.1646 - acc: 0.9393
1024 145/160 [=====>.....] - ETA: 16s - loss: 0.1656 - acc: 0.9392
1025 146/160 [=====>.....] - ETA: 15s - loss: 0.1652 - acc: 0.9394
1026 147/160 [=====>.....] - ETA: 14s - loss: 0.1648 - acc: 0.9396
1027 148/160 [=====>.....] - ETA: 13s - loss: 0.1644 - acc: 0.9398
1028 149/160 [=====>.....] - ETA: 12s - loss: 0.1642 - acc: 0.9399
1029 150/160 [=====>.....] - ETA: 11s - loss: 0.1644 - acc: 0.9397
1030 151/160 [=====>.....] - ETA: 10s - loss: 0.1647 - acc: 0.9400
1031 152/160 [=====>.....] - ETA: 9s - loss: 0.1643 - acc: 0.9402
1032 153/160 [=====>.....] - ETA: 7s - loss: 0.1637 - acc: 0.9403
1033 154/160 [=====>.....] - ETA: 6s - loss: 0.1634 - acc: 0.9405
1034 155/160 [=====>.....] - ETA: 5s - loss: 0.1645 - acc: 0.9403
1035 156/160 [=====>.....] - ETA: 4s - loss: 0.1640 - acc: 0.9406
1036 157/160 [=====>.....] - ETA: 3s - loss: 0.1644 - acc: 0.9404
1037 158/160 [=====>.....] - ETA: 2s - loss: 0.1647 - acc: 0.9405
1038 159/160 [=====>.....] - ETA: 1s - loss: 0.1646 - acc: 0.9406
1039 160/160 [=====] - 223s 1s/step - loss: 0.1642 - acc: 0.9409 - val_loss: 0.
3951 - val_acc: 0.8726
1040 Epoch 7/23
1041
1042 1/160 [.....] - ETA: 1:46 - loss: 0.2849 - acc: 0.8810
1043 2/160 [.....] - ETA: 1:43 - loss: 0.2090 - acc: 0.9226

```

1044	3/160	[.....]	- ETA: 1:42 - loss: 0.1759 - acc: 0.9286
1045	4/160	[.....]	- ETA: 1:40 - loss: 0.1573 - acc: 0.9405
1046	5/160	[.....]	- ETA: 1:40 - loss: 0.1613 - acc: 0.9476
1047	6/160	[>.....]	- ETA: 1:39 - loss: 0.1506 - acc: 0.9504
1048	7/160	[>.....]	- ETA: 1:38 - loss: 0.1516 - acc: 0.9490
1049	8/160	[>.....]	- ETA: 1:37 - loss: 0.1566 - acc: 0.9479
1050	9/160	[>.....]	- ETA: 1:37 - loss: 0.1463 - acc: 0.9524
1051	10/160	[>.....]	- ETA: 1:36 - loss: 0.1449 - acc: 0.9476
1052	11/160	[=>.....]	- ETA: 1:36 - loss: 0.1525 - acc: 0.9437
1053	12/160	[=>.....]	- ETA: 1:35 - loss: 0.1666 - acc: 0.9365
1054	13/160	[=>.....]	- ETA: 1:34 - loss: 0.1633 - acc: 0.9377
1055	14/160	[=>.....]	- ETA: 1:34 - loss: 0.1580 - acc: 0.9413
1056	15/160	[=>.....]	- ETA: 1:33 - loss: 0.1628 - acc: 0.9413
1057	16/160	[==>.....]	- ETA: 1:32 - loss: 0.1703 - acc: 0.9397
1058	17/160	[==>.....]	- ETA: 1:30 - loss: 0.1702 - acc: 0.9393
1059	18/160	[==>.....]	- ETA: 1:29 - loss: 0.1674 - acc: 0.9394
1060	19/160	[==>.....]	- ETA: 1:29 - loss: 0.1695 - acc: 0.9388
1061	20/160	[==>.....]	- ETA: 1:28 - loss: 0.1679 - acc: 0.9389
1062	21/160	[==>.....]	- ETA: 1:28 - loss: 0.1643 - acc: 0.9412
1063	22/160	[===>.....]	- ETA: 1:27 - loss: 0.1653 - acc: 0.9390
1064	23/160	[===>.....]	- ETA: 1:27 - loss: 0.1646 - acc: 0.9401
1065	24/160	[===>.....]	- ETA: 1:26 - loss: 0.1622 - acc: 0.9406
1066	25/160	[===>.....]	- ETA: 1:26 - loss: 0.1615 - acc: 0.9411
1067	26/160	[===>.....]	- ETA: 1:25 - loss: 0.1598 - acc: 0.9420
1068	27/160	[===>.....]	- ETA: 1:24 - loss: 0.1608 - acc: 0.9424
1069	28/160	[===>.....]	- ETA: 1:24 - loss: 0.1596 - acc: 0.9436
1070	29/160	[===>.....]	- ETA: 1:23 - loss: 0.1561 - acc: 0.9452
1071	30/160	[===>.....]	- ETA: 1:22 - loss: 0.1543 - acc: 0.9466
1072	31/160	[===>.....]	- ETA: 1:22 - loss: 0.1571 - acc: 0.9464
1073	32/160	[===>.....]	- ETA: 1:21 - loss: 0.1620 - acc: 0.9462
1074	33/160	[===>.....]	- ETA: 1:21 - loss: 0.1631 - acc: 0.9461
1075	34/160	[===>.....]	- ETA: 1:21 - loss: 0.1629 - acc: 0.9463
1076	35/160	[===>.....]	- ETA: 1:21 - loss: 0.1616 - acc: 0.9464
1077	36/160	[===>.....]	- ETA: 1:21 - loss: 0.1623 - acc: 0.9459
1078	37/160	[===>.....]	- ETA: 1:21 - loss: 0.1613 - acc: 0.9464
1079	38/160	[===>.....]	- ETA: 1:21 - loss: 0.1592 - acc: 0.9475
1080	39/160	[===>.....]	- ETA: 1:21 - loss: 0.1576 - acc: 0.9483
1081	40/160	[===>.....]	- ETA: 1:20 - loss: 0.1573 - acc: 0.9481
1082	41/160	[===>.....]	- ETA: 1:20 - loss: 0.1555 - acc: 0.9488
1083	42/160	[===>.....]	- ETA: 1:20 - loss: 0.1538 - acc: 0.9491
1084	43/160	[===>.....]	- ETA: 1:19 - loss: 0.1531 - acc: 0.9492
1085	44/160	[===>.....]	- ETA: 1:19 - loss: 0.1530 - acc: 0.9487
1086	45/160	[===>.....]	- ETA: 1:19 - loss: 0.1512 - acc: 0.9496
1087	46/160	[===>.....]	- ETA: 1:19 - loss: 0.1499 - acc: 0.9502
1088	47/160	[===>.....]	- ETA: 1:18 - loss: 0.1491 - acc: 0.9503
1089	48/160	[===>.....]	- ETA: 1:18 - loss: 0.1477 - acc: 0.9505
1090	49/160	[===>.....]	- ETA: 1:17 - loss: 0.1473 - acc: 0.9508
1091	50/160	[===>.....]	- ETA: 1:17 - loss: 0.1487 - acc: 0.9506
1092	51/160	[===>.....]	- ETA: 1:16 - loss: 0.1481 - acc: 0.9509
1093	52/160	[===>.....]	- ETA: 1:16 - loss: 0.1482 - acc: 0.9512
1094	53/160	[===>.....]	- ETA: 1:15 - loss: 0.1477 - acc: 0.9509
1095	54/160	[===>.....]	- ETA: 1:15 - loss: 0.1465 - acc: 0.9512
1096	55/160	[===>.....]	- ETA: 1:14 - loss: 0.1454 - acc: 0.9514
1097	56/160	[===>.....]	- ETA: 1:14 - loss: 0.1446 - acc: 0.9517
1098	57/160	[===>.....]	- ETA: 1:13 - loss: 0.1446 - acc: 0.9515
1099	58/160	[===>.....]	- ETA: 1:13 - loss: 0.1443 - acc: 0.9519
1100	59/160	[===>.....]	- ETA: 1:12 - loss: 0.1428 - acc: 0.9525
1101	60/160	[===>.....]	- ETA: 1:11 - loss: 0.1419 - acc: 0.9529
1102	61/160	[===>.....]	- ETA: 1:11 - loss: 0.1425 - acc: 0.9529
1103	62/160	[===>.....]	- ETA: 1:10 - loss: 0.1411 - acc: 0.9537
1104	63/160	[===>.....]	- ETA: 1:10 - loss: 0.1403 - acc: 0.9538
1105	64/160	[===>.....]	- ETA: 1:09 - loss: 0.1389 - acc: 0.9546
1106	65/160	[===>.....]	- ETA: 1:09 - loss: 0.1378 - acc: 0.9551
1107	66/160	[===>.....]	- ETA: 1:08 - loss: 0.1385 - acc: 0.9552
1108	67/160	[===>.....]	- ETA: 1:07 - loss: 0.1378 - acc: 0.9554
1109	68/160	[===>.....]	- ETA: 1:07 - loss: 0.1376 - acc: 0.9557
1110	69/160	[===>.....]	- ETA: 1:06 - loss: 0.1374 - acc: 0.9561
1111	70/160	[===>.....]	- ETA: 1:06 - loss: 0.1381 - acc: 0.9557
1112	71/160	[===>.....]	- ETA: 1:05 - loss: 0.1368 - acc: 0.9564
1113	72/160	[===>.....]	- ETA: 1:04 - loss: 0.1372 - acc: 0.9561
1114	73/160	[===>.....]	- ETA: 1:04 - loss: 0.1371 - acc: 0.9561
1115	74/160	[===>.....]	- ETA: 1:03 - loss: 0.1365 - acc: 0.9562
1116	75/160	[===>.....]	- ETA: 1:02 - loss: 0.1367 - acc: 0.9562
1117	76/160	[===>.....]	- ETA: 1:02 - loss: 0.1371 - acc: 0.9558
1118	77/160	[===>.....]	- ETA: 1:01 - loss: 0.1372 - acc: 0.9557
1119	78/160	[===>.....]	- ETA: 1:00 - loss: 0.1361 - acc: 0.9562
1120	79/160	[===>.....]	- ETA: 1:00 - loss: 0.1359 - acc: 0.9564

1121	80/160	[=====>.....]	- ETA: 59s - loss: 0.1352 - acc: 0.9565
1122	81/160	[=====>.....]	- ETA: 58s - loss: 0.1358 - acc: 0.9565
1123	82/160	[=====>.....]	- ETA: 58s - loss: 0.1351 - acc: 0.9567
1124	83/160	[=====>.....]	- ETA: 57s - loss: 0.1349 - acc: 0.9569
1125	84/160	[=====>.....]	- ETA: 56s - loss: 0.1342 - acc: 0.9573
1126	85/160	[=====>.....]	- ETA: 56s - loss: 0.1341 - acc: 0.9574
1127	86/160	[=====>.....]	- ETA: 55s - loss: 0.1353 - acc: 0.9572
1128	87/160	[=====>.....]	- ETA: 54s - loss: 0.1347 - acc: 0.9573
1129	88/160	[=====>.....]	- ETA: 53s - loss: 0.1344 - acc: 0.9575
1130	89/160	[=====>.....]	- ETA: 53s - loss: 0.1338 - acc: 0.9578
1131	90/160	[=====>.....]	- ETA: 52s - loss: 0.1336 - acc: 0.9576
1132	91/160	[=====>.....]	- ETA: 51s - loss: 0.1338 - acc: 0.9576
1133	92/160	[=====>.....]	- ETA: 51s - loss: 0.1344 - acc: 0.9577
1134	93/160	[=====>.....]	- ETA: 50s - loss: 0.1341 - acc: 0.9575
1135	94/160	[=====>.....]	- ETA: 49s - loss: 0.1341 - acc: 0.9574
1136	95/160	[=====>.....]	- ETA: 49s - loss: 0.1343 - acc: 0.9571
1137	96/160	[=====>.....]	- ETA: 48s - loss: 0.1343 - acc: 0.9572
1138	97/160	[=====>.....]	- ETA: 47s - loss: 0.1344 - acc: 0.9571
1139	98/160	[=====>.....]	- ETA: 47s - loss: 0.1356 - acc: 0.9564
1140	99/160	[=====>.....]	- ETA: 46s - loss: 0.1351 - acc: 0.9566
1141	100/160	[=====>.....]	- ETA: 45s - loss: 0.1348 - acc: 0.9566
1142	101/160	[=====>.....]	- ETA: 44s - loss: 0.1345 - acc: 0.9566
1143	102/160	[=====>.....]	- ETA: 44s - loss: 0.1341 - acc: 0.9567
1144	103/160	[=====>.....]	- ETA: 43s - loss: 0.1340 - acc: 0.9566
1145	104/160	[=====>.....]	- ETA: 42s - loss: 0.1343 - acc: 0.9566
1146	105/160	[=====>.....]	- ETA: 42s - loss: 0.1336 - acc: 0.9567
1147	106/160	[=====>.....]	- ETA: 41s - loss: 0.1351 - acc: 0.9564
1148	107/160	[=====>.....]	- ETA: 40s - loss: 0.1349 - acc: 0.9563
1149	108/160	[=====>.....]	- ETA: 39s - loss: 0.1345 - acc: 0.9563
1150	109/160	[=====>.....]	- ETA: 39s - loss: 0.1349 - acc: 0.9565
1151	110/160	[=====>.....]	- ETA: 38s - loss: 0.1343 - acc: 0.9567
1152	111/160	[=====>.....]	- ETA: 37s - loss: 0.1352 - acc: 0.9562
1153	112/160	[=====>.....]	- ETA: 36s - loss: 0.1347 - acc: 0.9562
1154	113/160	[=====>.....]	- ETA: 36s - loss: 0.1341 - acc: 0.9564
1155	114/160	[=====>.....]	- ETA: 35s - loss: 0.1344 - acc: 0.9558
1156	115/160	[=====>.....]	- ETA: 34s - loss: 0.1342 - acc: 0.9560
1157	116/160	[=====>.....]	- ETA: 33s - loss: 0.1338 - acc: 0.9563
1158	117/160	[=====>.....]	- ETA: 33s - loss: 0.1340 - acc: 0.9564
1159	118/160	[=====>.....]	- ETA: 32s - loss: 0.1347 - acc: 0.9562
1160	119/160	[=====>.....]	- ETA: 31s - loss: 0.1345 - acc: 0.9564
1161	120/160	[=====>.....]	- ETA: 31s - loss: 0.1337 - acc: 0.9566
1162	121/160	[=====>.....]	- ETA: 30s - loss: 0.1332 - acc: 0.9569
1163	122/160	[=====>.....]	- ETA: 29s - loss: 0.1335 - acc: 0.9566
1164	123/160	[=====>.....]	- ETA: 28s - loss: 0.1335 - acc: 0.9565
1165	124/160	[=====>.....]	- ETA: 28s - loss: 0.1331 - acc: 0.9567
1166	125/160	[=====>.....]	- ETA: 27s - loss: 0.1332 - acc: 0.9567
1167	126/160	[=====>.....]	- ETA: 26s - loss: 0.1330 - acc: 0.9567
1168	127/160	[=====>.....]	- ETA: 25s - loss: 0.1336 - acc: 0.9565
1169	128/160	[=====>.....]	- ETA: 24s - loss: 0.1336 - acc: 0.9565
1170	129/160	[=====>.....]	- ETA: 24s - loss: 0.1331 - acc: 0.9566
1171	130/160	[=====>.....]	- ETA: 23s - loss: 0.1328 - acc: 0.9568
1172	131/160	[=====>.....]	- ETA: 22s - loss: 0.1323 - acc: 0.9570
1173	132/160	[=====>.....]	- ETA: 21s - loss: 0.1326 - acc: 0.9565
1174	133/160	[=====>.....]	- ETA: 21s - loss: 0.1323 - acc: 0.9566
1175	134/160	[=====>.....]	- ETA: 20s - loss: 0.1318 - acc: 0.9567
1176	135/160	[=====>.....]	- ETA: 19s - loss: 0.1326 - acc: 0.9565
1177	136/160	[=====>.....]	- ETA: 18s - loss: 0.1329 - acc: 0.9562
1178	137/160	[=====>.....]	- ETA: 18s - loss: 0.1328 - acc: 0.9564
1179	138/160	[=====>.....]	- ETA: 17s - loss: 0.1321 - acc: 0.9565
1180	139/160	[=====>.....]	- ETA: 16s - loss: 0.1339 - acc: 0.9557
1181	140/160	[=====>.....]	- ETA: 15s - loss: 0.1340 - acc: 0.9556
1182	141/160	[=====>.....]	- ETA: 14s - loss: 0.1337 - acc: 0.9556
1183	142/160	[=====>.....]	- ETA: 14s - loss: 0.1337 - acc: 0.9554
1184	143/160	[=====>.....]	- ETA: 13s - loss: 0.1346 - acc: 0.9549
1185	144/160	[=====>.....]	- ETA: 12s - loss: 0.1352 - acc: 0.9546
1186	145/160	[=====>.....]	- ETA: 11s - loss: 0.1345 - acc: 0.9548
1187	146/160	[=====>.....]	- ETA: 11s - loss: 0.1350 - acc: 0.9546
1188	147/160	[=====>.....]	- ETA: 10s - loss: 0.1364 - acc: 0.9543
1189	148/160	[=====>.....]	- ETA: 9s - loss: 0.1367 - acc: 0.9542
1190	149/160	[=====>.....]	- ETA: 8s - loss: 0.1371 - acc: 0.9542
1191	150/160	[=====>.....]	- ETA: 8s - loss: 0.1373 - acc: 0.9541
1192	151/160	[=====>.....]	- ETA: 7s - loss: 0.1370 - acc: 0.9543
1193	152/160	[=====>.....]	- ETA: 6s - loss: 0.1372 - acc: 0.9542
1194	153/160	[=====>.....]	- ETA: 5s - loss: 0.1373 - acc: 0.9543
1195	154/160	[=====>.....]	- ETA: 4s - loss: 0.1375 - acc: 0.9543
1196	155/160	[=====>.....]	- ETA: 4s - loss: 0.1373 - acc: 0.9544
1197	156/160	[=====>.....]	- ETA: 3s - loss: 0.1373 - acc: 0.9546


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1198 157/160 [=====>.] - ETA: 2s - loss: 0.1372 - acc: 0.9546
1199 158/160 [=====>.] - ETA: 1s - loss: 0.1367 - acc: 0.9549
1200 159/160 [=====>.] - ETA: 0s - loss: 0.1369 - acc: 0.9548
1201 160/160 [=====] - 176s 1s/step - loss: 0.1367 - acc: 0.9550 - val_loss: 0.
      3349 - val_acc: 0.8972
1202 Epoch 8/23
1203
1204 1/160 [.....] - ETA: 1:45 - loss: 0.1007 - acc: 0.9643
1205 2/160 [.....] - ETA: 1:43 - loss: 0.1050 - acc: 0.9702
1206 3/160 [.....] - ETA: 1:42 - loss: 0.1034 - acc: 0.9643
1207 4/160 [.....] - ETA: 1:39 - loss: 0.1002 - acc: 0.9613
1208 5/160 [.....] - ETA: 1:38 - loss: 0.0937 - acc: 0.9667
1209 6/160 [>.....] - ETA: 1:37 - loss: 0.0983 - acc: 0.9623
1210 7/160 [>.....] - ETA: 1:36 - loss: 0.0946 - acc: 0.9626
1211 8/160 [>.....] - ETA: 1:36 - loss: 0.1006 - acc: 0.9598
1212 9/160 [>.....] - ETA: 1:35 - loss: 0.0972 - acc: 0.9616
1213 10/160 [>.....] - ETA: 1:35 - loss: 0.1103 - acc: 0.9583
1214 11/160 [=>.....] - ETA: 1:34 - loss: 0.1149 - acc: 0.9545
1215 12/160 [=>.....] - ETA: 1:33 - loss: 0.1137 - acc: 0.9563
1216 13/160 [=>.....] - ETA: 1:33 - loss: 0.1292 - acc: 0.9524
1217 14/160 [=>.....] - ETA: 1:32 - loss: 0.1381 - acc: 0.9456
1218 15/160 [=>.....] - ETA: 1:32 - loss: 0.1372 - acc: 0.9460
1219 16/160 [==>.....] - ETA: 1:31 - loss: 0.1322 - acc: 0.9479
1220 17/160 [==>.....] - ETA: 1:30 - loss: 0.1349 - acc: 0.9489
1221 18/160 [==>.....] - ETA: 1:30 - loss: 0.1370 - acc: 0.9478
1222 19/160 [==>.....] - ETA: 1:33 - loss: 0.1342 - acc: 0.9492
1223 20/160 [==>.....] - ETA: 1:36 - loss: 0.1312 - acc: 0.9512
1224 21/160 [==>.....] - ETA: 1:38 - loss: 0.1337 - acc: 0.9501
1225 22/160 [===>.....] - ETA: 1:41 - loss: 0.1341 - acc: 0.9497
1226 23/160 [===>.....] - ETA: 1:42 - loss: 0.1378 - acc: 0.9488
1227 24/160 [===>.....] - ETA: 1:44 - loss: 0.1353 - acc: 0.9499
1228 25/160 [===>.....] - ETA: 1:45 - loss: 0.1372 - acc: 0.9495
1229 26/160 [===>.....] - ETA: 1:46 - loss: 0.1371 - acc: 0.9496
1230 27/160 [====>.....] - ETA: 1:47 - loss: 0.1367 - acc: 0.9506
1231 28/160 [====>.....] - ETA: 1:48 - loss: 0.1354 - acc: 0.9515
1232 29/160 [====>.....] - ETA: 1:48 - loss: 0.1356 - acc: 0.9516
1233 30/160 [====>.....] - ETA: 1:48 - loss: 0.1340 - acc: 0.9524
1234 31/160 [====>.....] - ETA: 1:48 - loss: 0.1345 - acc: 0.9520
1235 32/160 [====>.....] - ETA: 1:49 - loss: 0.1327 - acc: 0.9531
1236 33/160 [====>.....] - ETA: 1:49 - loss: 0.1345 - acc: 0.9531
1237 34/160 [====>.....] - ETA: 1:49 - loss: 0.1351 - acc: 0.9538
1238 35/160 [====>.....] - ETA: 1:49 - loss: 0.1362 - acc: 0.9537
1239 36/160 [====>.....] - ETA: 1:49 - loss: 0.1397 - acc: 0.9527
1240 37/160 [====>.....] - ETA: 1:50 - loss: 0.1425 - acc: 0.9511
1241 38/160 [====>.....] - ETA: 1:50 - loss: 0.1434 - acc: 0.9505
1242 39/160 [====>.....] - ETA: 1:49 - loss: 0.1432 - acc: 0.9499
1243 40/160 [====>.....] - ETA: 1:49 - loss: 0.1416 - acc: 0.9509
1244 41/160 [====>.....] - ETA: 1:49 - loss: 0.1417 - acc: 0.9509
1245 42/160 [====>.....] - ETA: 1:49 - loss: 0.1421 - acc: 0.9512
1246 43/160 [====>.....] - ETA: 1:48 - loss: 0.1423 - acc: 0.9513
1247 44/160 [====>.....] - ETA: 1:48 - loss: 0.1402 - acc: 0.9521
1248 45/160 [====>.....] - ETA: 1:48 - loss: 0.1397 - acc: 0.9521
1249 46/160 [====>.....] - ETA: 1:48 - loss: 0.1416 - acc: 0.9513
1250 47/160 [====>.....] - ETA: 1:48 - loss: 0.1401 - acc: 0.9524
1251 48/160 [====>.....] - ETA: 1:48 - loss: 0.1385 - acc: 0.9531
1252 49/160 [====>.....] - ETA: 1:47 - loss: 0.1375 - acc: 0.9534
1253 50/160 [====>.....] - ETA: 1:47 - loss: 0.1375 - acc: 0.9536
1254 51/160 [====>.....] - ETA: 1:46 - loss: 0.1360 - acc: 0.9542
1255 52/160 [====>.....] - ETA: 1:46 - loss: 0.1362 - acc: 0.9542
1256 53/160 [====>.....] - ETA: 1:46 - loss: 0.1371 - acc: 0.9542
1257 54/160 [====>.....] - ETA: 1:45 - loss: 0.1374 - acc: 0.9537
1258 55/160 [====>.....] - ETA: 1:44 - loss: 0.1384 - acc: 0.9530
1259 56/160 [====>.....] - ETA: 1:43 - loss: 0.1411 - acc: 0.9524
1260 57/160 [====>.....] - ETA: 1:43 - loss: 0.1407 - acc: 0.9520
1261 58/160 [====>.....] - ETA: 1:42 - loss: 0.1401 - acc: 0.9522
1262 59/160 [====>.....] - ETA: 1:42 - loss: 0.1399 - acc: 0.9518
1263 60/160 [====>.....] - ETA: 1:41 - loss: 0.1396 - acc: 0.9516
1264 61/160 [====>.....] - ETA: 1:40 - loss: 0.1385 - acc: 0.9520
1265 62/160 [====>.....] - ETA: 1:40 - loss: 0.1379 - acc: 0.9522
1266 63/160 [====>.....] - ETA: 1:39 - loss: 0.1365 - acc: 0.9528
1267 64/160 [====>.....] - ETA: 1:38 - loss: 0.1361 - acc: 0.9531
1268 65/160 [====>.....] - ETA: 1:37 - loss: 0.1361 - acc: 0.9529
1269 66/160 [====>.....] - ETA: 1:37 - loss: 0.1355 - acc: 0.9533
1270 67/160 [====>.....] - ETA: 1:36 - loss: 0.1347 - acc: 0.9534
1271 68/160 [====>.....] - ETA: 1:35 - loss: 0.1352 - acc: 0.9536
1272 69/160 [====>.....] - ETA: 1:34 - loss: 0.1346 - acc: 0.9538
1273 70/160 [====>.....] - ETA: 1:33 - loss: 0.1338 - acc: 0.9543

```

1274	71/160	[=====>.....]	- ETA: 1:33 - loss: 0.1360 - acc: 0.9546
1275	72/160	[=====>.....]	- ETA: 1:32 - loss: 0.1355 - acc: 0.9549
1276	73/160	[=====>.....]	- ETA: 1:31 - loss: 0.1349 - acc: 0.9552
1277	74/160	[=====>.....]	- ETA: 1:30 - loss: 0.1343 - acc: 0.9554
1278	75/160	[=====>.....]	- ETA: 1:29 - loss: 0.1346 - acc: 0.9556
1279	76/160	[=====>.....]	- ETA: 1:28 - loss: 0.1340 - acc: 0.9557
1280	77/160	[=====>.....]	- ETA: 1:28 - loss: 0.1333 - acc: 0.9559
1281	78/160	[=====>.....]	- ETA: 1:27 - loss: 0.1332 - acc: 0.9560
1282	79/160	[=====>.....]	- ETA: 1:26 - loss: 0.1322 - acc: 0.9563
1283	80/160	[=====>.....]	- ETA: 1:25 - loss: 0.1323 - acc: 0.9563
1284	81/160	[=====>.....]	- ETA: 1:24 - loss: 0.1321 - acc: 0.9563
1285	82/160	[=====>.....]	- ETA: 1:23 - loss: 0.1311 - acc: 0.9569
1286	83/160	[=====>.....]	- ETA: 1:22 - loss: 0.1306 - acc: 0.9573
1287	84/160	[=====>.....]	- ETA: 1:21 - loss: 0.1318 - acc: 0.9572
1288	85/160	[=====>.....]	- ETA: 1:20 - loss: 0.1310 - acc: 0.9577
1289	86/160	[=====>.....]	- ETA: 1:20 - loss: 0.1317 - acc: 0.9571
1290	87/160	[=====>.....]	- ETA: 1:19 - loss: 0.1309 - acc: 0.9570
1291	88/160	[=====>.....]	- ETA: 1:18 - loss: 0.1306 - acc: 0.9567
1292	89/160	[=====>.....]	- ETA: 1:17 - loss: 0.1297 - acc: 0.9571
1293	90/160	[=====>.....]	- ETA: 1:16 - loss: 0.1288 - acc: 0.9574
1294	91/160	[=====>.....]	- ETA: 1:15 - loss: 0.1285 - acc: 0.9574
1295	92/160	[=====>.....]	- ETA: 1:14 - loss: 0.1277 - acc: 0.9576
1296	93/160	[=====>.....]	- ETA: 1:13 - loss: 0.1293 - acc: 0.9575
1297	94/160	[=====>.....]	- ETA: 1:12 - loss: 0.1285 - acc: 0.9580
1298	95/160	[=====>.....]	- ETA: 1:11 - loss: 0.1285 - acc: 0.9580
1299	96/160	[=====>.....]	- ETA: 1:10 - loss: 0.1277 - acc: 0.9582
1300	97/160	[=====>.....]	- ETA: 1:09 - loss: 0.1273 - acc: 0.9583
1301	98/160	[=====>.....]	- ETA: 1:08 - loss: 0.1276 - acc: 0.9582
1302	99/160	[=====>.....]	- ETA: 1:07 - loss: 0.1272 - acc: 0.9583
1303	100/160	[=====>.....]	- ETA: 1:06 - loss: 0.1265 - acc: 0.9585
1304	101/160	[=====>.....]	- ETA: 1:05 - loss: 0.1258 - acc: 0.9587
1305	102/160	[=====>.....]	- ETA: 1:04 - loss: 0.1264 - acc: 0.9585
1306	103/160	[=====>.....]	- ETA: 1:03 - loss: 0.1268 - acc: 0.9583
1307	104/160	[=====>.....]	- ETA: 1:02 - loss: 0.1265 - acc: 0.9584
1308	105/160	[=====>.....]	- ETA: 1:01 - loss: 0.1260 - acc: 0.9586
1309	106/160	[=====>.....]	- ETA: 1:00 - loss: 0.1267 - acc: 0.9587
1310	107/160	[=====>.....]	- ETA: 59s - loss: 0.1261 - acc: 0.9587
1311	108/160	[=====>.....]	- ETA: 58s - loss: 0.1259 - acc: 0.9588
1312	109/160	[=====>.....]	- ETA: 57s - loss: 0.1251 - acc: 0.9590
1313	110/160	[=====>.....]	- ETA: 56s - loss: 0.1246 - acc: 0.9592
1314	111/160	[=====>.....]	- ETA: 55s - loss: 0.1243 - acc: 0.9592
1315	112/160	[=====>.....]	- ETA: 54s - loss: 0.1241 - acc: 0.9593
1316	113/160	[=====>.....]	- ETA: 53s - loss: 0.1233 - acc: 0.9597
1317	114/160	[=====>.....]	- ETA: 52s - loss: 0.1228 - acc: 0.9597
1318	115/160	[=====>.....]	- ETA: 51s - loss: 0.1222 - acc: 0.9600
1319	116/160	[=====>.....]	- ETA: 50s - loss: 0.1214 - acc: 0.9604
1320	117/160	[=====>.....]	- ETA: 49s - loss: 0.1212 - acc: 0.9604
1321	118/160	[=====>.....]	- ETA: 47s - loss: 0.1220 - acc: 0.9601
1322	119/160	[=====>.....]	- ETA: 46s - loss: 0.1216 - acc: 0.9602
1323	120/160	[=====>.....]	- ETA: 45s - loss: 0.1212 - acc: 0.9603
1324	121/160	[=====>.....]	- ETA: 44s - loss: 0.1210 - acc: 0.9603
1325	122/160	[=====>.....]	- ETA: 43s - loss: 0.1211 - acc: 0.9603
1326	123/160	[=====>.....]	- ETA: 42s - loss: 0.1204 - acc: 0.9605
1327	124/160	[=====>.....]	- ETA: 41s - loss: 0.1207 - acc: 0.9604
1328	125/160	[=====>.....]	- ETA: 40s - loss: 0.1203 - acc: 0.9605
1329	126/160	[=====>.....]	- ETA: 39s - loss: 0.1201 - acc: 0.9604
1330	127/160	[=====>.....]	- ETA: 38s - loss: 0.1203 - acc: 0.9602
1331	128/160	[=====>.....]	- ETA: 36s - loss: 0.1212 - acc: 0.9599
1332	129/160	[=====>.....]	- ETA: 35s - loss: 0.1208 - acc: 0.9601
1333	130/160	[=====>.....]	- ETA: 34s - loss: 0.1205 - acc: 0.9601
1334	131/160	[=====>.....]	- ETA: 33s - loss: 0.1199 - acc: 0.9603
1335	132/160	[=====>.....]	- ETA: 32s - loss: 0.1192 - acc: 0.9605
1336	133/160	[=====>.....]	- ETA: 31s - loss: 0.1186 - acc: 0.9607
1337	134/160	[=====>.....]	- ETA: 30s - loss: 0.1181 - acc: 0.9608
1338	135/160	[=====>.....]	- ETA: 29s - loss: 0.1177 - acc: 0.9609
1339	136/160	[=====>.....]	- ETA: 27s - loss: 0.1173 - acc: 0.9611
1340	137/160	[=====>.....]	- ETA: 26s - loss: 0.1167 - acc: 0.9613
1341	138/160	[=====>.....]	- ETA: 25s - loss: 0.1166 - acc: 0.9614
1342	139/160	[=====>.....]	- ETA: 24s - loss: 0.1161 - acc: 0.9615
1343	140/160	[=====>.....]	- ETA: 23s - loss: 0.1164 - acc: 0.9613
1344	141/160	[=====>.....]	- ETA: 22s - loss: 0.1164 - acc: 0.9613
1345	142/160	[=====>.....]	- ETA: 21s - loss: 0.1162 - acc: 0.9614
1346	143/160	[=====>.....]	- ETA: 19s - loss: 0.1159 - acc: 0.9615
1347	144/160	[=====>.....]	- ETA: 18s - loss: 0.1156 - acc: 0.9615
1348	145/160	[=====>.....]	- ETA: 17s - loss: 0.1150 - acc: 0.9617
1349	146/160	[=====>.....]	- ETA: 16s - loss: 0.1144 - acc: 0.9619
1350	147/160	[=====>.....]	- ETA: 15s - loss: 0.1141 - acc: 0.9619

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1351 148/160 [=====>...] - ETA: 14s - loss: 0.1137 - acc: 0.9620
1352 149/160 [=====>...] - ETA: 13s - loss: 0.1131 - acc: 0.9622
1353 150/160 [=====>...] - ETA: 11s - loss: 0.1136 - acc: 0.9620
1354 151/160 [=====>...] - ETA: 10s - loss: 0.1132 - acc: 0.9622
1355 152/160 [=====>...] - ETA: 9s - loss: 0.1127 - acc: 0.9624
1356 153/160 [=====>...] - ETA: 8s - loss: 0.1128 - acc: 0.9623
1357 154/160 [=====>...] - ETA: 7s - loss: 0.1128 - acc: 0.9621
1358 155/160 [=====>...] - ETA: 5s - loss: 0.1124 - acc: 0.9621
1359 156/160 [=====>...] - ETA: 4s - loss: 0.1123 - acc: 0.9621
1360 157/160 [=====>...] - ETA: 3s - loss: 0.1118 - acc: 0.9622
1361 158/160 [=====>...] - ETA: 2s - loss: 0.1113 - acc: 0.9625
1362 159/160 [=====>...] - ETA: 1s - loss: 0.1111 - acc: 0.9624
1363 160/160 [=====] - 231s 1s/step - loss: 0.1111 - acc: 0.9624 - val_loss: 1.
0112 - val_acc: 0.6888
1364 Epoch 9/23
1365
1366 1/160 [.....] - ETA: 1:46 - loss: 0.0274 - acc: 1.0000
1367 2/160 [.....] - ETA: 1:43 - loss: 0.1210 - acc: 0.9524
1368 3/160 [.....] - ETA: 1:41 - loss: 0.0872 - acc: 0.9683
1369 4/160 [.....] - ETA: 1:40 - loss: 0.0938 - acc: 0.9613
1370 5/160 [.....] - ETA: 1:38 - loss: 0.1079 - acc: 0.9595
1371 6/160 [>.....] - ETA: 1:37 - loss: 0.1144 - acc: 0.9544
1372 7/160 [>.....] - ETA: 1:36 - loss: 0.1181 - acc: 0.9558
1373 8/160 [>.....] - ETA: 1:36 - loss: 0.1199 - acc: 0.9539
1374 9/160 [>.....] - ETA: 1:35 - loss: 0.1135 - acc: 0.9563
1375 10/160 [>.....] - ETA: 1:34 - loss: 0.1130 - acc: 0.9560
1376 11/160 [=>.....] - ETA: 1:34 - loss: 0.1087 - acc: 0.9567
1377 12/160 [=>.....] - ETA: 1:33 - loss: 0.1057 - acc: 0.9583
1378 13/160 [=>.....] - ETA: 1:33 - loss: 0.1082 - acc: 0.9579
1379 14/160 [=>.....] - ETA: 1:32 - loss: 0.1087 - acc: 0.9575
1380 15/160 [=>.....] - ETA: 1:31 - loss: 0.1083 - acc: 0.9579
1381 16/160 [==>.....] - ETA: 1:31 - loss: 0.1092 - acc: 0.9576
1382 17/160 [==>.....] - ETA: 1:30 - loss: 0.1082 - acc: 0.9587
1383 18/160 [==>.....] - ETA: 1:33 - loss: 0.1068 - acc: 0.9597
1384 19/160 [==>.....] - ETA: 1:38 - loss: 0.1206 - acc: 0.9605
1385 20/160 [==>.....] - ETA: 1:42 - loss: 0.1182 - acc: 0.9607
1386 21/160 [==>.....] - ETA: 1:44 - loss: 0.1176 - acc: 0.9609
1387 22/160 [==>.....] - ETA: 1:47 - loss: 0.1160 - acc: 0.9610
1388 23/160 [==>.....] - ETA: 1:50 - loss: 0.1142 - acc: 0.9612
1389 24/160 [==>.....] - ETA: 1:52 - loss: 0.1171 - acc: 0.9608
1390 25/160 [==>.....] - ETA: 1:54 - loss: 0.1179 - acc: 0.9610
1391 26/160 [==>.....] - ETA: 1:56 - loss: 0.1177 - acc: 0.9606
1392 27/160 [====>.....] - ETA: 1:58 - loss: 0.1208 - acc: 0.9608
1393 28/160 [====>.....] - ETA: 1:59 - loss: 0.1204 - acc: 0.9605
1394 29/160 [====>.....] - ETA: 2:00 - loss: 0.1195 - acc: 0.9610
1395 30/160 [====>.....] - ETA: 2:01 - loss: 0.1196 - acc: 0.9611
1396 31/160 [====>.....] - ETA: 2:02 - loss: 0.1177 - acc: 0.9620
1397 32/160 [====>.....] - ETA: 2:03 - loss: 0.1185 - acc: 0.9617
1398 33/160 [====>.....] - ETA: 2:04 - loss: 0.1176 - acc: 0.9618
1399 34/160 [====>.....] - ETA: 2:04 - loss: 0.1156 - acc: 0.9629
1400 35/160 [====>.....] - ETA: 2:04 - loss: 0.1144 - acc: 0.9633
1401 36/160 [====>.....] - ETA: 2:05 - loss: 0.1161 - acc: 0.9630
1402 37/160 [====>.....] - ETA: 2:05 - loss: 0.1156 - acc: 0.9630
1403 38/160 [====>.....] - ETA: 2:05 - loss: 0.1149 - acc: 0.9633
1404 39/160 [====>.....] - ETA: 2:05 - loss: 0.1160 - acc: 0.9637
1405 40/160 [====>.....] - ETA: 2:05 - loss: 0.1155 - acc: 0.9640
1406 41/160 [====>.....] - ETA: 2:05 - loss: 0.1173 - acc: 0.9640
1407 42/160 [====>.....] - ETA: 2:05 - loss: 0.1166 - acc: 0.9640
1408 43/160 [====>.....] - ETA: 2:05 - loss: 0.1157 - acc: 0.9646
1409 44/160 [====>.....] - ETA: 2:05 - loss: 0.1147 - acc: 0.9648
1410 45/160 [====>.....] - ETA: 2:04 - loss: 0.1162 - acc: 0.9643
1411 46/160 [====>.....] - ETA: 2:04 - loss: 0.1183 - acc: 0.9643
1412 47/160 [====>.....] - ETA: 2:04 - loss: 0.1184 - acc: 0.9640
1413 48/160 [====>.....] - ETA: 2:03 - loss: 0.1176 - acc: 0.9643
1414 49/160 [====>.....] - ETA: 2:03 - loss: 0.1175 - acc: 0.9643
1415 50/160 [====>.....] - ETA: 2:02 - loss: 0.1163 - acc: 0.9648
1416 51/160 [====>.....] - ETA: 2:02 - loss: 0.1152 - acc: 0.9650
1417 52/160 [====>.....] - ETA: 2:01 - loss: 0.1145 - acc: 0.9654
1418 53/160 [====>.....] - ETA: 2:00 - loss: 0.1142 - acc: 0.9659
1419 54/160 [====>.....] - ETA: 2:00 - loss: 0.1133 - acc: 0.9663
1420 55/160 [====>.....] - ETA: 1:59 - loss: 0.1160 - acc: 0.9654
1421 56/160 [====>.....] - ETA: 1:59 - loss: 0.1168 - acc: 0.9658
1422 57/160 [====>.....] - ETA: 1:58 - loss: 0.1152 - acc: 0.9664
1423 58/160 [====>.....] - ETA: 1:57 - loss: 0.1151 - acc: 0.9661
1424 59/160 [====>.....] - ETA: 1:57 - loss: 0.1146 - acc: 0.9659
1425 60/160 [====>.....] - ETA: 1:56 - loss: 0.1147 - acc: 0.9659
1426 61/160 [====>.....] - ETA: 1:55 - loss: 0.1143 - acc: 0.9658

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1427	62/160	[=====>.....]	- ETA: 1:54 - loss: 0.1138 - acc: 0.9658
1428	63/160	[=====>.....]	- ETA: 1:54 - loss: 0.1129 - acc: 0.9660
1429	64/160	[=====>.....]	- ETA: 1:53 - loss: 0.1136 - acc: 0.9656
1430	65/160	[=====>.....]	- ETA: 1:52 - loss: 0.1123 - acc: 0.9661
1431	66/160	[=====>.....]	- ETA: 1:51 - loss: 0.1121 - acc: 0.9661
1432	67/160	[=====>.....]	- ETA: 1:50 - loss: 0.1114 - acc: 0.9662
1433	68/160	[=====>.....]	- ETA: 1:50 - loss: 0.1105 - acc: 0.9666
1434	69/160	[=====>.....]	- ETA: 1:49 - loss: 0.1098 - acc: 0.9665
1435	70/160	[=====>.....]	- ETA: 1:48 - loss: 0.1090 - acc: 0.9665
1436	71/160	[=====>.....]	- ETA: 1:47 - loss: 0.1085 - acc: 0.9668
1437	72/160	[=====>.....]	- ETA: 1:46 - loss: 0.1077 - acc: 0.9669
1438	73/160	[=====>.....]	- ETA: 1:45 - loss: 0.1095 - acc: 0.9667
1439	74/160	[=====>.....]	- ETA: 1:44 - loss: 0.1088 - acc: 0.9669
1440	75/160	[=====>.....]	- ETA: 1:43 - loss: 0.1079 - acc: 0.9673
1441	76/160	[=====>.....]	- ETA: 1:42 - loss: 0.1098 - acc: 0.9663
1442	77/160	[=====>.....]	- ETA: 1:41 - loss: 0.1095 - acc: 0.9665
1443	78/160	[=====>.....]	- ETA: 1:40 - loss: 0.1091 - acc: 0.9664
1444	79/160	[=====>.....]	- ETA: 1:39 - loss: 0.1088 - acc: 0.9665
1445	80/160	[=====>.....]	- ETA: 1:38 - loss: 0.1079 - acc: 0.9668
1446	81/160	[=====>.....]	- ETA: 1:38 - loss: 0.1089 - acc: 0.9666
1447	82/160	[=====>.....]	- ETA: 1:37 - loss: 0.1086 - acc: 0.9665
1448	83/160	[=====>.....]	- ETA: 1:36 - loss: 0.1082 - acc: 0.9664
1449	84/160	[=====>.....]	- ETA: 1:35 - loss: 0.1078 - acc: 0.9664
1450	85/160	[=====>.....]	- ETA: 1:34 - loss: 0.1085 - acc: 0.9661
1451	86/160	[=====>.....]	- ETA: 1:33 - loss: 0.1079 - acc: 0.9662
1452	87/160	[=====>.....]	- ETA: 1:31 - loss: 0.1072 - acc: 0.9665
1453	88/160	[=====>.....]	- ETA: 1:30 - loss: 0.1074 - acc: 0.9666
1454	89/160	[=====>.....]	- ETA: 1:29 - loss: 0.1076 - acc: 0.9666
1455	90/160	[=====>.....]	- ETA: 1:28 - loss: 0.1072 - acc: 0.9667
1456	91/160	[=====>.....]	- ETA: 1:27 - loss: 0.1070 - acc: 0.9665
1457	92/160	[=====>.....]	- ETA: 1:26 - loss: 0.1082 - acc: 0.9662
1458	93/160	[=====>.....]	- ETA: 1:25 - loss: 0.1082 - acc: 0.9661
1459	94/160	[=====>.....]	- ETA: 1:23 - loss: 0.1078 - acc: 0.9663
1460	95/160	[=====>.....]	- ETA: 1:22 - loss: 0.1079 - acc: 0.9663
1461	96/160	[=====>.....]	- ETA: 1:21 - loss: 0.1074 - acc: 0.9664
1462	97/160	[=====>.....]	- ETA: 1:20 - loss: 0.1071 - acc: 0.9664
1463	98/160	[=====>.....]	- ETA: 1:19 - loss: 0.1067 - acc: 0.9665
1464	99/160	[=====>.....]	- ETA: 1:17 - loss: 0.1063 - acc: 0.9666
1465	100/160	[=====>.....]	- ETA: 1:16 - loss: 0.1075 - acc: 0.9660
1466	101/160	[=====>.....]	- ETA: 1:15 - loss: 0.1068 - acc: 0.9663
1467	102/160	[=====>.....]	- ETA: 1:14 - loss: 0.1069 - acc: 0.9663
1468	103/160	[=====>.....]	- ETA: 1:13 - loss: 0.1070 - acc: 0.9661
1469	104/160	[=====>.....]	- ETA: 1:11 - loss: 0.1069 - acc: 0.9661
1470	105/160	[=====>.....]	- ETA: 1:10 - loss: 0.1071 - acc: 0.9659
1471	106/160	[=====>.....]	- ETA: 1:09 - loss: 0.1065 - acc: 0.9661
1472	107/160	[=====>.....]	- ETA: 1:08 - loss: 0.1069 - acc: 0.9660
1473	108/160	[=====>.....]	- ETA: 1:07 - loss: 0.1068 - acc: 0.9659
1474	109/160	[=====>.....]	- ETA: 1:05 - loss: 0.1069 - acc: 0.9660
1475	110/160	[=====>.....]	- ETA: 1:04 - loss: 0.1069 - acc: 0.9659
1476	111/160	[=====>.....]	- ETA: 1:03 - loss: 0.1065 - acc: 0.9659
1477	112/160	[=====>.....]	- ETA: 1:02 - loss: 0.1061 - acc: 0.9660
1478	113/160	[=====>.....]	- ETA: 1:01 - loss: 0.1058 - acc: 0.9661
1479	114/160	[=====>.....]	- ETA: 59s - loss: 0.1061 - acc: 0.9657
1480	115/160	[=====>.....]	- ETA: 58s - loss: 0.1055 - acc: 0.9658
1481	116/160	[=====>.....]	- ETA: 57s - loss: 0.1054 - acc: 0.9660
1482	117/160	[=====>.....]	- ETA: 56s - loss: 0.1048 - acc: 0.9663
1483	118/160	[=====>.....]	- ETA: 54s - loss: 0.1048 - acc: 0.9661
1484	119/160	[=====>.....]	- ETA: 53s - loss: 0.1046 - acc: 0.9661
1485	120/160	[=====>.....]	- ETA: 52s - loss: 0.1044 - acc: 0.9661
1486	121/160	[=====>.....]	- ETA: 50s - loss: 0.1041 - acc: 0.9661
1487	122/160	[=====>.....]	- ETA: 49s - loss: 0.1052 - acc: 0.9660
1488	123/160	[=====>.....]	- ETA: 48s - loss: 0.1057 - acc: 0.9658
1489	124/160	[=====>.....]	- ETA: 47s - loss: 0.1055 - acc: 0.9659
1490	125/160	[=====>.....]	- ETA: 45s - loss: 0.1057 - acc: 0.9656
1491	126/160	[=====>.....]	- ETA: 44s - loss: 0.1054 - acc: 0.9655
1492	127/160	[=====>.....]	- ETA: 43s - loss: 0.1047 - acc: 0.9658
1493	128/160	[=====>.....]	- ETA: 41s - loss: 0.1042 - acc: 0.9661
1494	129/160	[=====>.....]	- ETA: 40s - loss: 0.1036 - acc: 0.9663
1495	130/160	[=====>.....]	- ETA: 39s - loss: 0.1046 - acc: 0.9660
1496	131/160	[=====>.....]	- ETA: 38s - loss: 0.1047 - acc: 0.9660
1497	132/160	[=====>.....]	- ETA: 36s - loss: 0.1045 - acc: 0.9661
1498	133/160	[=====>.....]	- ETA: 35s - loss: 0.1044 - acc: 0.9662
1499	134/160	[=====>.....]	- ETA: 34s - loss: 0.1045 - acc: 0.9662
1500	135/160	[=====>.....]	- ETA: 32s - loss: 0.1042 - acc: 0.9662
1501	136/160	[=====>.....]	- ETA: 31s - loss: 0.1041 - acc: 0.9662
1502	137/160	[=====>.....]	- ETA: 30s - loss: 0.1042 - acc: 0.9661
1503	138/160	[=====>.....]	- ETA: 29s - loss: 0.1045 - acc: 0.9661

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1504 139/160 [=====>...] - ETA: 27s - loss: 0.1040 - acc: 0.9662
1505 140/160 [=====>...] - ETA: 26s - loss: 0.1041 - acc: 0.9662
1506 141/160 [=====>...] - ETA: 25s - loss: 0.1044 - acc: 0.9661
1507 142/160 [=====>...] - ETA: 23s - loss: 0.1041 - acc: 0.9663
1508 143/160 [=====>...] - ETA: 22s - loss: 0.1035 - acc: 0.9665
1509 144/160 [=====>...] - ETA: 21s - loss: 0.1042 - acc: 0.9663
1510 145/160 [=====>...] - ETA: 19s - loss: 0.1042 - acc: 0.9662
1511 146/160 [=====>...] - ETA: 18s - loss: 0.1038 - acc: 0.9662
1512 147/160 [=====>...] - ETA: 17s - loss: 0.1037 - acc: 0.9664
1513 148/160 [=====>...] - ETA: 15s - loss: 0.1037 - acc: 0.9664
1514 149/160 [=====>...] - ETA: 14s - loss: 0.1037 - acc: 0.9664
1515 150/160 [=====>...] - ETA: 13s - loss: 0.1041 - acc: 0.9662
1516 151/160 [=====>...] - ETA: 11s - loss: 0.1040 - acc: 0.9662
1517 152/160 [=====>...] - ETA: 10s - loss: 0.1035 - acc: 0.9662
1518 153/160 [=====>...] - ETA: 9s - loss: 0.1035 - acc: 0.9663
1519 154/160 [=====>...] - ETA: 7s - loss: 0.1033 - acc: 0.9663
1520 155/160 [=====>...] - ETA: 6s - loss: 0.1030 - acc: 0.9664
1521 156/160 [=====>...] - ETA: 5s - loss: 0.1029 - acc: 0.9664
1522 157/160 [=====>...] - ETA: 3s - loss: 0.1027 - acc: 0.9665
1523 158/160 [=====>...] - ETA: 2s - loss: 0.1023 - acc: 0.9666
1524 159/160 [=====>...] - ETA: 1s - loss: 0.1021 - acc: 0.9668
1525 160/160 [=====] - 252s 2s/step - loss: 0.1016 - acc: 0.9670 - val_loss: 0.
1120 - val_acc: 0.9025
1526 Epoch 10/23
1527
1528 1/160 [.....] - ETA: 1:44 - loss: 0.0701 - acc: 0.9762
1529 2/160 [.....] - ETA: 1:44 - loss: 0.0632 - acc: 0.9821
1530 3/160 [.....] - ETA: 1:43 - loss: 0.0538 - acc: 0.9802
1531 4/160 [.....] - ETA: 1:42 - loss: 0.0590 - acc: 0.9792
1532 5/160 [.....] - ETA: 1:41 - loss: 0.0507 - acc: 0.9833
1533 6/160 [>.....] - ETA: 1:41 - loss: 0.0570 - acc: 0.9802
1534 7/160 [>.....] - ETA: 1:40 - loss: 0.0600 - acc: 0.9779
1535 8/160 [>.....] - ETA: 1:39 - loss: 0.0571 - acc: 0.9792
1536 9/160 [>.....] - ETA: 1:39 - loss: 0.0610 - acc: 0.9775
1537 10/160 [>.....] - ETA: 1:38 - loss: 0.0617 - acc: 0.9774
1538 11/160 [=>.....] - ETA: 1:37 - loss: 0.0592 - acc: 0.9794
1539 12/160 [=>.....] - ETA: 1:36 - loss: 0.0677 - acc: 0.9782
1540 13/160 [=>.....] - ETA: 1:36 - loss: 0.0668 - acc: 0.9789
1541 14/160 [=>.....] - ETA: 1:35 - loss: 0.0664 - acc: 0.9787
1542 15/160 [=>.....] - ETA: 1:34 - loss: 0.0654 - acc: 0.9786
1543 16/160 [==>.....] - ETA: 1:33 - loss: 0.0721 - acc: 0.9754
1544 17/160 [==>.....] - ETA: 1:33 - loss: 0.0736 - acc: 0.9748
1545 18/160 [==>.....] - ETA: 1:32 - loss: 0.0743 - acc: 0.9742
1546 19/160 [==>.....] - ETA: 1:31 - loss: 0.0728 - acc: 0.9749
1547 20/160 [==>.....] - ETA: 1:31 - loss: 0.0743 - acc: 0.9750
1548 21/160 [==>.....] - ETA: 1:30 - loss: 0.0733 - acc: 0.9751
1549 22/160 [==>.....] - ETA: 1:29 - loss: 0.0736 - acc: 0.9746
1550 23/160 [==>.....] - ETA: 1:29 - loss: 0.0754 - acc: 0.9731
1551 24/160 [==>.....] - ETA: 1:28 - loss: 0.0765 - acc: 0.9717
1552 25/160 [==>.....] - ETA: 1:27 - loss: 0.0755 - acc: 0.9724
1553 26/160 [==>.....] - ETA: 1:27 - loss: 0.0773 - acc: 0.9725
1554 27/160 [====>.....] - ETA: 1:26 - loss: 0.0794 - acc: 0.9718
1555 28/160 [====>.....] - ETA: 1:25 - loss: 0.0805 - acc: 0.9711
1556 29/160 [====>.....] - ETA: 1:25 - loss: 0.0816 - acc: 0.9704
1557 30/160 [====>.....] - ETA: 1:24 - loss: 0.0806 - acc: 0.9710
1558 31/160 [====>.....] - ETA: 1:23 - loss: 0.0829 - acc: 0.9700
1559 32/160 [====>.....] - ETA: 1:23 - loss: 0.0820 - acc: 0.9702
1560 33/160 [====>.....] - ETA: 1:22 - loss: 0.0815 - acc: 0.9701
1561 34/160 [====>.....] - ETA: 1:21 - loss: 0.0820 - acc: 0.9699
1562 35/160 [====>.....] - ETA: 1:21 - loss: 0.0825 - acc: 0.9697
1563 36/160 [====>.....] - ETA: 1:20 - loss: 0.0816 - acc: 0.9706
1564 37/160 [====>.....] - ETA: 1:19 - loss: 0.0818 - acc: 0.9701
1565 38/160 [====>.....] - ETA: 1:19 - loss: 0.0814 - acc: 0.9706
1566 39/160 [====>.....] - ETA: 1:19 - loss: 0.0824 - acc: 0.9704
1567 40/160 [====>.....] - ETA: 1:19 - loss: 0.0814 - acc: 0.9705
1568 41/160 [====>.....] - ETA: 1:18 - loss: 0.0831 - acc: 0.9707
1569 42/160 [====>.....] - ETA: 1:18 - loss: 0.0836 - acc: 0.9705
1570 43/160 [====>.....] - ETA: 1:18 - loss: 0.0844 - acc: 0.9704
1571 44/160 [====>.....] - ETA: 1:18 - loss: 0.0842 - acc: 0.9705
1572 45/160 [====>.....] - ETA: 1:18 - loss: 0.0836 - acc: 0.9704
1573 46/160 [====>.....] - ETA: 1:17 - loss: 0.0835 - acc: 0.9702
1574 47/160 [====>.....] - ETA: 1:17 - loss: 0.0830 - acc: 0.9706
1575 48/160 [====>.....] - ETA: 1:16 - loss: 0.0828 - acc: 0.9707
1576 49/160 [====>.....] - ETA: 1:16 - loss: 0.0835 - acc: 0.9704
1577 50/160 [====>.....] - ETA: 1:16 - loss: 0.0828 - acc: 0.9705
1578 51/160 [====>.....] - ETA: 1:15 - loss: 0.0822 - acc: 0.9706
1579 52/160 [====>.....] - ETA: 1:15 - loss: 0.0810 - acc: 0.9712

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1580 53/160 [=====>.....] - ETA: 1:14 - loss: 0.0803 - acc: 0.9715
1581 54/160 [=====>.....] - ETA: 1:14 - loss: 0.0793 - acc: 0.9720
1582 55/160 [=====>.....] - ETA: 1:13 - loss: 0.0789 - acc: 0.9721
1583 56/160 [=====>.....] - ETA: 1:13 - loss: 0.0789 - acc: 0.9719
1584 57/160 [=====>.....] - ETA: 1:12 - loss: 0.0786 - acc: 0.9720
1585 58/160 [=====>.....] - ETA: 1:12 - loss: 0.0779 - acc: 0.9725
1586 59/160 [=====>.....] - ETA: 1:12 - loss: 0.0787 - acc: 0.9722
1587 60/160 [=====>.....] - ETA: 1:11 - loss: 0.0789 - acc: 0.9720
1588 61/160 [=====>.....] - ETA: 1:10 - loss: 0.0785 - acc: 0.9721
1589 62/160 [=====>.....] - ETA: 1:10 - loss: 0.0776 - acc: 0.9725
1590 63/160 [=====>.....] - ETA: 1:10 - loss: 0.0769 - acc: 0.9728
1591 64/160 [=====>.....] - ETA: 1:09 - loss: 0.0776 - acc: 0.9727
1592 65/160 [=====>.....] - ETA: 1:09 - loss: 0.0784 - acc: 0.9723
1593 66/160 [=====>.....] - ETA: 1:08 - loss: 0.0786 - acc: 0.9722
1594 67/160 [=====>.....] - ETA: 1:08 - loss: 0.0795 - acc: 0.9717
1595 68/160 [=====>.....] - ETA: 1:08 - loss: 0.0790 - acc: 0.9720
1596 69/160 [=====>.....] - ETA: 1:07 - loss: 0.0815 - acc: 0.9712
1597 70/160 [=====>.....] - ETA: 1:07 - loss: 0.0809 - acc: 0.9714
1598 71/160 [=====>.....] - ETA: 1:06 - loss: 0.0802 - acc: 0.9718
1599 72/160 [=====>.....] - ETA: 1:06 - loss: 0.0795 - acc: 0.9722
1600 73/160 [=====>.....] - ETA: 1:05 - loss: 0.0800 - acc: 0.9721
1601 74/160 [=====>.....] - ETA: 1:05 - loss: 0.0799 - acc: 0.9722
1602 75/160 [=====>.....] - ETA: 1:04 - loss: 0.0803 - acc: 0.9717
1603 76/160 [=====>.....] - ETA: 1:03 - loss: 0.0798 - acc: 0.9720
1604 77/160 [=====>.....] - ETA: 1:03 - loss: 0.0799 - acc: 0.9720
1605 78/160 [=====>.....] - ETA: 1:02 - loss: 0.0794 - acc: 0.9722
1606 79/160 [=====>.....] - ETA: 1:01 - loss: 0.0794 - acc: 0.9724
1607 80/160 [=====>.....] - ETA: 1:01 - loss: 0.0797 - acc: 0.9720
1608 81/160 [=====>.....] - ETA: 1:00 - loss: 0.0806 - acc: 0.9716
1609 82/160 [=====>.....] - ETA: 59s - loss: 0.0805 - acc: 0.9718
1610 83/160 [=====>.....] - ETA: 59s - loss: 0.0802 - acc: 0.9720
1611 84/160 [=====>.....] - ETA: 58s - loss: 0.0816 - acc: 0.9711
1612 85/160 [=====>.....] - ETA: 57s - loss: 0.0814 - acc: 0.9710
1613 86/160 [=====>.....] - ETA: 56s - loss: 0.0810 - acc: 0.9712
1614 87/160 [=====>.....] - ETA: 56s - loss: 0.0810 - acc: 0.9713
1615 88/160 [=====>.....] - ETA: 55s - loss: 0.0819 - acc: 0.9712
1616 89/160 [=====>.....] - ETA: 54s - loss: 0.0827 - acc: 0.9710
1617 90/160 [=====>.....] - ETA: 54s - loss: 0.0820 - acc: 0.9713
1618 91/160 [=====>.....] - ETA: 53s - loss: 0.0814 - acc: 0.9715
1619 92/160 [=====>.....] - ETA: 52s - loss: 0.0808 - acc: 0.9718
1620 93/160 [=====>.....] - ETA: 52s - loss: 0.0811 - acc: 0.9715
1621 94/160 [=====>.....] - ETA: 51s - loss: 0.0809 - acc: 0.9715
1622 95/160 [=====>.....] - ETA: 50s - loss: 0.0805 - acc: 0.9716
1623 96/160 [=====>.....] - ETA: 50s - loss: 0.0803 - acc: 0.9716
1624 97/160 [=====>.....] - ETA: 49s - loss: 0.0802 - acc: 0.9718
1625 98/160 [=====>.....] - ETA: 48s - loss: 0.0798 - acc: 0.9719
1626 99/160 [=====>.....] - ETA: 47s - loss: 0.0798 - acc: 0.9717
1627 100/160 [=====>.....] - ETA: 47s - loss: 0.0803 - acc: 0.9715
1628 101/160 [=====>.....] - ETA: 46s - loss: 0.0797 - acc: 0.9718
1629 102/160 [=====>.....] - ETA: 45s - loss: 0.0796 - acc: 0.9719
1630 103/160 [=====>.....] - ETA: 44s - loss: 0.0795 - acc: 0.9719
1631 104/160 [=====>.....] - ETA: 44s - loss: 0.0797 - acc: 0.9720
1632 105/160 [=====>.....] - ETA: 43s - loss: 0.0807 - acc: 0.9718
1633 106/160 [=====>.....] - ETA: 42s - loss: 0.0816 - acc: 0.9715
1634 107/160 [=====>.....] - ETA: 41s - loss: 0.0817 - acc: 0.9714
1635 108/160 [=====>.....] - ETA: 41s - loss: 0.0817 - acc: 0.9712
1636 109/160 [=====>.....] - ETA: 40s - loss: 0.0817 - acc: 0.9713
1637 110/160 [=====>.....] - ETA: 39s - loss: 0.0814 - acc: 0.9712
1638 111/160 [=====>.....] - ETA: 38s - loss: 0.0814 - acc: 0.9713
1639 112/160 [=====>.....] - ETA: 38s - loss: 0.0821 - acc: 0.9708
1640 113/160 [=====>.....] - ETA: 37s - loss: 0.0818 - acc: 0.9708
1641 114/160 [=====>.....] - ETA: 36s - loss: 0.0823 - acc: 0.9710
1642 115/160 [=====>.....] - ETA: 35s - loss: 0.0829 - acc: 0.9709
1643 116/160 [=====>.....] - ETA: 34s - loss: 0.0832 - acc: 0.9711
1644 117/160 [=====>.....] - ETA: 34s - loss: 0.0840 - acc: 0.9709
1645 118/160 [=====>.....] - ETA: 33s - loss: 0.0837 - acc: 0.9709
1646 119/160 [=====>.....] - ETA: 32s - loss: 0.0835 - acc: 0.9711
1647 120/160 [=====>.....] - ETA: 31s - loss: 0.0839 - acc: 0.9710
1648 121/160 [=====>.....] - ETA: 30s - loss: 0.0839 - acc: 0.9709
1649 122/160 [=====>.....] - ETA: 30s - loss: 0.0841 - acc: 0.9709
1650 123/160 [=====>.....] - ETA: 29s - loss: 0.0841 - acc: 0.9711
1651 124/160 [=====>.....] - ETA: 28s - loss: 0.0838 - acc: 0.9712
1652 125/160 [=====>.....] - ETA: 27s - loss: 0.0859 - acc: 0.9710
1653 126/160 [=====>.....] - ETA: 27s - loss: 0.0859 - acc: 0.9711
1654 127/160 [=====>.....] - ETA: 26s - loss: 0.0862 - acc: 0.9708
1655 128/160 [=====>.....] - ETA: 25s - loss: 0.0859 - acc: 0.9710
1656 129/160 [=====>.....] - ETA: 24s - loss: 0.0858 - acc: 0.9710

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1657 130/160 [=====>.....] - ETA: 23s - loss: 0.0858 - acc: 0.9711
1658 131/160 [=====>.....] - ETA: 23s - loss: 0.0863 - acc: 0.9711
1659 132/160 [=====>.....] - ETA: 22s - loss: 0.0861 - acc: 0.9712
1660 133/160 [=====>.....] - ETA: 21s - loss: 0.0860 - acc: 0.9714
1661 134/160 [=====>.....] - ETA: 20s - loss: 0.0860 - acc: 0.9715
1662 135/160 [=====>.....] - ETA: 19s - loss: 0.0867 - acc: 0.9713
1663 136/160 [=====>.....] - ETA: 19s - loss: 0.0863 - acc: 0.9714
1664 137/160 [=====>.....] - ETA: 18s - loss: 0.0865 - acc: 0.9712
1665 138/160 [=====>.....] - ETA: 17s - loss: 0.0877 - acc: 0.9712
1666 139/160 [=====>.....] - ETA: 16s - loss: 0.0876 - acc: 0.9711
1667 140/160 [=====>.....] - ETA: 16s - loss: 0.0872 - acc: 0.9713
1668 141/160 [=====>.....] - ETA: 15s - loss: 0.0868 - acc: 0.9715
1669 142/160 [=====>.....] - ETA: 14s - loss: 0.0866 - acc: 0.9716
1670 143/160 [=====>.....] - ETA: 13s - loss: 0.0863 - acc: 0.9716
1671 144/160 [=====>.....] - ETA: 12s - loss: 0.0860 - acc: 0.9717
1672 145/160 [=====>.....] - ETA: 12s - loss: 0.0861 - acc: 0.9716
1673 146/160 [=====>.....] - ETA: 11s - loss: 0.0864 - acc: 0.9715
1674 147/160 [=====>.....] - ETA: 10s - loss: 0.0863 - acc: 0.9714
1675 148/160 [=====>.....] - ETA: 9s - loss: 0.0863 - acc: 0.9715
1676 149/160 [=====>.....] - ETA: 8s - loss: 0.0865 - acc: 0.9714
1677 150/160 [=====>.....] - ETA: 8s - loss: 0.0861 - acc: 0.9716
1678 151/160 [=====>.....] - ETA: 7s - loss: 0.0862 - acc: 0.9714
1679 152/160 [=====>.....] - ETA: 6s - loss: 0.0857 - acc: 0.9716
1680 153/160 [=====>.....] - ETA: 5s - loss: 0.0854 - acc: 0.9718
1681 154/160 [=====>.....] - ETA: 4s - loss: 0.0851 - acc: 0.9719
1682 155/160 [=====>.....] - ETA: 4s - loss: 0.0853 - acc: 0.9717
1683 156/160 [=====>.....] - ETA: 3s - loss: 0.0851 - acc: 0.9718
1684 157/160 [=====>.....] - ETA: 2s - loss: 0.0851 - acc: 0.9717
1685 158/160 [=====>.....] - ETA: 1s - loss: 0.0850 - acc: 0.9717
1686 159/160 [=====>.....] - ETA: 0s - loss: 0.0848 - acc: 0.9718
1687 160/160 [=====] - 169s 1s/step - loss: 0.0861 - acc: 0.9717 - val_loss: 0.
2170 - val_acc: 0.9298
1688 Epoch 11/23
1689
1690 1/160 [.....] - ETA: 1:45 - loss: 0.0373 - acc: 0.9881
1691 2/160 [.....] - ETA: 1:43 - loss: 0.0670 - acc: 0.9762
1692 3/160 [.....] - ETA: 1:41 - loss: 0.0601 - acc: 0.9841
1693 4/160 [.....] - ETA: 1:40 - loss: 0.0752 - acc: 0.9851
1694 5/160 [.....] - ETA: 1:39 - loss: 0.0760 - acc: 0.9857
1695 6/160 [>.....] - ETA: 1:39 - loss: 0.0750 - acc: 0.9841
1696 7/160 [>.....] - ETA: 1:38 - loss: 0.0742 - acc: 0.9813
1697 8/160 [>.....] - ETA: 1:38 - loss: 0.0750 - acc: 0.9807
1698 9/160 [>.....] - ETA: 1:37 - loss: 0.0714 - acc: 0.9815
1699 10/160 [>.....] - ETA: 1:36 - loss: 0.0735 - acc: 0.9810
1700 11/160 [=>.....] - ETA: 1:36 - loss: 0.0763 - acc: 0.9805
1701 12/160 [=>.....] - ETA: 1:35 - loss: 0.0788 - acc: 0.9792
1702 13/160 [=>.....] - ETA: 1:34 - loss: 0.0790 - acc: 0.9780
1703 14/160 [=>.....] - ETA: 1:34 - loss: 0.0777 - acc: 0.9787
1704 15/160 [=>.....] - ETA: 1:33 - loss: 0.0798 - acc: 0.9770
1705 16/160 [==>.....] - ETA: 1:32 - loss: 0.0806 - acc: 0.9762
1706 17/160 [==>.....] - ETA: 1:32 - loss: 0.0788 - acc: 0.9776
1707 18/160 [==>.....] - ETA: 1:31 - loss: 0.0765 - acc: 0.9782
1708 19/160 [==>.....] - ETA: 1:30 - loss: 0.0746 - acc: 0.9787
1709 20/160 [==>.....] - ETA: 1:30 - loss: 0.0765 - acc: 0.9780
1710 21/160 [==>.....] - ETA: 1:29 - loss: 0.0850 - acc: 0.9768
1711 22/160 [==>.....] - ETA: 1:29 - loss: 0.0831 - acc: 0.9778
1712 23/160 [==>.....] - ETA: 1:28 - loss: 0.0815 - acc: 0.9777
1713 24/160 [==>.....] - ETA: 1:27 - loss: 0.0798 - acc: 0.9782
1714 25/160 [==>.....] - ETA: 1:27 - loss: 0.0788 - acc: 0.9781
1715 26/160 [==>.....] - ETA: 1:26 - loss: 0.0773 - acc: 0.9780
1716 27/160 [====>.....] - ETA: 1:25 - loss: 0.0757 - acc: 0.9788
1717 28/160 [====>.....] - ETA: 1:25 - loss: 0.0767 - acc: 0.9779
1718 29/160 [====>.....] - ETA: 1:24 - loss: 0.0752 - acc: 0.9787
1719 30/160 [====>.....] - ETA: 1:23 - loss: 0.0737 - acc: 0.9794
1720 31/160 [====>.....] - ETA: 1:23 - loss: 0.0735 - acc: 0.9796
1721 32/160 [====>.....] - ETA: 1:22 - loss: 0.0719 - acc: 0.9803
1722 33/160 [====>.....] - ETA: 1:22 - loss: 0.0720 - acc: 0.9802
1723 34/160 [====>.....] - ETA: 1:23 - loss: 0.0704 - acc: 0.9807
1724 35/160 [====>.....] - ETA: 1:23 - loss: 0.0697 - acc: 0.9810
1725 36/160 [====>.....] - ETA: 1:23 - loss: 0.0685 - acc: 0.9815
1726 37/160 [====>.....] - ETA: 1:23 - loss: 0.0685 - acc: 0.9817
1727 38/160 [====>.....] - ETA: 1:23 - loss: 0.0690 - acc: 0.9815
1728 39/160 [====>.....] - ETA: 1:23 - loss: 0.0680 - acc: 0.9817
1729 40/160 [====>.....] - ETA: 1:23 - loss: 0.0690 - acc: 0.9810
1730 41/160 [====>.....] - ETA: 1:23 - loss: 0.0712 - acc: 0.9800
1731 42/160 [====>.....] - ETA: 1:22 - loss: 0.0718 - acc: 0.9796
1732 43/160 [====>.....] - ETA: 1:22 - loss: 0.0715 - acc: 0.9798

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1733	44/160	[=====>.....]	- ETA: 1:22 - loss: 0.0727 - acc: 0.9794
1734	45/160	[=====>.....]	- ETA: 1:21 - loss: 0.0740 - acc: 0.9788
1735	46/160	[=====>.....]	- ETA: 1:21 - loss: 0.0736 - acc: 0.9790
1736	47/160	[=====>.....]	- ETA: 1:21 - loss: 0.0733 - acc: 0.9790
1737	48/160	[=====>.....]	- ETA: 1:20 - loss: 0.0730 - acc: 0.9792
1738	49/160	[=====>.....]	- ETA: 1:20 - loss: 0.0742 - acc: 0.9786
1739	50/160	[=====>.....]	- ETA: 1:19 - loss: 0.0745 - acc: 0.9786
1740	51/160	[=====>.....]	- ETA: 1:18 - loss: 0.0746 - acc: 0.9785
1741	52/160	[=====>.....]	- ETA: 1:18 - loss: 0.0748 - acc: 0.9785
1742	53/160	[=====>.....]	- ETA: 1:17 - loss: 0.0740 - acc: 0.9789
1743	54/160	[=====>.....]	- ETA: 1:17 - loss: 0.0749 - acc: 0.9788
1744	55/160	[=====>.....]	- ETA: 1:16 - loss: 0.0743 - acc: 0.9790
1745	56/160	[=====>.....]	- ETA: 1:16 - loss: 0.0736 - acc: 0.9792
1746	57/160	[=====>.....]	- ETA: 1:15 - loss: 0.0752 - acc: 0.9787
1747	58/160	[=====>.....]	- ETA: 1:15 - loss: 0.0751 - acc: 0.9789
1748	59/160	[=====>.....]	- ETA: 1:14 - loss: 0.0745 - acc: 0.9790
1749	60/160	[=====>.....]	- ETA: 1:14 - loss: 0.0739 - acc: 0.9792
1750	61/160	[=====>.....]	- ETA: 1:13 - loss: 0.0739 - acc: 0.9789
1751	62/160	[=====>.....]	- ETA: 1:13 - loss: 0.0730 - acc: 0.9791
1752	63/160	[=====>.....]	- ETA: 1:12 - loss: 0.0724 - acc: 0.9792
1753	64/160	[=====>.....]	- ETA: 1:11 - loss: 0.0721 - acc: 0.9792
1754	65/160	[=====>.....]	- ETA: 1:11 - loss: 0.0713 - acc: 0.9795
1755	66/160	[=====>.....]	- ETA: 1:10 - loss: 0.0708 - acc: 0.9796
1756	67/160	[=====>.....]	- ETA: 1:10 - loss: 0.0717 - acc: 0.9792
1757	68/160	[=====>.....]	- ETA: 1:09 - loss: 0.0713 - acc: 0.9792
1758	69/160	[=====>.....]	- ETA: 1:09 - loss: 0.0714 - acc: 0.9791
1759	70/160	[=====>.....]	- ETA: 1:08 - loss: 0.0714 - acc: 0.9791
1760	71/160	[=====>.....]	- ETA: 1:07 - loss: 0.0709 - acc: 0.9792
1761	72/160	[=====>.....]	- ETA: 1:07 - loss: 0.0705 - acc: 0.9793
1762	73/160	[=====>.....]	- ETA: 1:06 - loss: 0.0705 - acc: 0.9793
1763	74/160	[=====>.....]	- ETA: 1:05 - loss: 0.0709 - acc: 0.9789
1764	75/160	[=====>.....]	- ETA: 1:05 - loss: 0.0720 - acc: 0.9783
1765	76/160	[=====>.....]	- ETA: 1:04 - loss: 0.0718 - acc: 0.9782
1766	77/160	[=====>.....]	- ETA: 1:04 - loss: 0.0722 - acc: 0.9780
1767	78/160	[=====>.....]	- ETA: 1:03 - loss: 0.0719 - acc: 0.9782
1768	79/160	[=====>.....]	- ETA: 1:02 - loss: 0.0716 - acc: 0.9785
1769	80/160	[=====>.....]	- ETA: 1:02 - loss: 0.0710 - acc: 0.9787
1770	81/160	[=====>.....]	- ETA: 1:01 - loss: 0.0706 - acc: 0.9788
1771	82/160	[=====>.....]	- ETA: 1:00 - loss: 0.0712 - acc: 0.9785
1772	83/160	[=====>.....]	- ETA: 1:00 - loss: 0.0714 - acc: 0.9785
1773	84/160	[=====>.....]	- ETA: 59s - loss: 0.0722 - acc: 0.9783
1774	85/160	[=====>.....]	- ETA: 58s - loss: 0.0740 - acc: 0.9780
1775	86/160	[=====>.....]	- ETA: 58s - loss: 0.0737 - acc: 0.9781
1776	87/160	[=====>.....]	- ETA: 57s - loss: 0.0733 - acc: 0.9784
1777	88/160	[=====>.....]	- ETA: 56s - loss: 0.0733 - acc: 0.9779
1778	89/160	[=====>.....]	- ETA: 56s - loss: 0.0730 - acc: 0.9781
1779	90/160	[=====>.....]	- ETA: 55s - loss: 0.0729 - acc: 0.9780
1780	91/160	[=====>.....]	- ETA: 54s - loss: 0.0725 - acc: 0.9782
1781	92/160	[=====>.....]	- ETA: 53s - loss: 0.0720 - acc: 0.9784
1782	93/160	[=====>.....]	- ETA: 53s - loss: 0.0739 - acc: 0.9780
1783	94/160	[=====>.....]	- ETA: 52s - loss: 0.0735 - acc: 0.9780
1784	95/160	[=====>.....]	- ETA: 51s - loss: 0.0731 - acc: 0.9781
1785	96/160	[=====>.....]	- ETA: 50s - loss: 0.0727 - acc: 0.9782
1786	97/160	[=====>.....]	- ETA: 50s - loss: 0.0724 - acc: 0.9782
1787	98/160	[=====>.....]	- ETA: 49s - loss: 0.0730 - acc: 0.9778
1788	99/160	[=====>.....]	- ETA: 48s - loss: 0.0724 - acc: 0.9780
1789	100/160	[=====>.....]	- ETA: 48s - loss: 0.0721 - acc: 0.9781
1790	101/160	[=====>.....]	- ETA: 47s - loss: 0.0716 - acc: 0.9783
1791	102/160	[=====>.....]	- ETA: 46s - loss: 0.0720 - acc: 0.9784
1792	103/160	[=====>.....]	- ETA: 45s - loss: 0.0717 - acc: 0.9785
1793	104/160	[=====>.....]	- ETA: 45s - loss: 0.0717 - acc: 0.9785
1794	105/160	[=====>.....]	- ETA: 44s - loss: 0.0720 - acc: 0.9783
1795	106/160	[=====>.....]	- ETA: 43s - loss: 0.0717 - acc: 0.9784
1796	107/160	[=====>.....]	- ETA: 42s - loss: 0.0721 - acc: 0.9784
1797	108/160	[=====>.....]	- ETA: 42s - loss: 0.0722 - acc: 0.9784
1798	109/160	[=====>.....]	- ETA: 41s - loss: 0.0730 - acc: 0.9783
1799	110/160	[=====>.....]	- ETA: 40s - loss: 0.0728 - acc: 0.9782
1800	111/160	[=====>.....]	- ETA: 39s - loss: 0.0724 - acc: 0.9784
1801	112/160	[=====>.....]	- ETA: 39s - loss: 0.0736 - acc: 0.9782
1802	113/160	[=====>.....]	- ETA: 38s - loss: 0.0732 - acc: 0.9783
1803	114/160	[=====>.....]	- ETA: 37s - loss: 0.0728 - acc: 0.9784
1804	115/160	[=====>.....]	- ETA: 36s - loss: 0.0723 - acc: 0.9786
1805	116/160	[=====>.....]	- ETA: 35s - loss: 0.0732 - acc: 0.9787
1806	117/160	[=====>.....]	- ETA: 35s - loss: 0.0732 - acc: 0.9786
1807	118/160	[=====>.....]	- ETA: 34s - loss: 0.0733 - acc: 0.9785
1808	119/160	[=====>.....]	- ETA: 33s - loss: 0.0734 - acc: 0.9786
1809	120/160	[=====>.....]	- ETA: 32s - loss: 0.0732 - acc: 0.9787


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1810 121/160 [=====>.....] - ETA: 32s - loss: 0.0734 - acc: 0.9784
1811 122/160 [=====>.....] - ETA: 31s - loss: 0.0731 - acc: 0.9784
1812 123/160 [=====>.....] - ETA: 30s - loss: 0.0728 - acc: 0.9785
1813 124/160 [=====>.....] - ETA: 29s - loss: 0.0732 - acc: 0.9782
1814 125/160 [=====>.....] - ETA: 29s - loss: 0.0729 - acc: 0.9783
1815 126/160 [=====>.....] - ETA: 28s - loss: 0.0734 - acc: 0.9780
1816 127/160 [=====>.....] - ETA: 27s - loss: 0.0736 - acc: 0.9778
1817 128/160 [=====>.....] - ETA: 26s - loss: 0.0736 - acc: 0.9777
1818 129/160 [=====>.....] - ETA: 25s - loss: 0.0740 - acc: 0.9774
1819 130/160 [=====>.....] - ETA: 25s - loss: 0.0738 - acc: 0.9775
1820 131/160 [=====>.....] - ETA: 24s - loss: 0.0741 - acc: 0.9775
1821 132/160 [=====>.....] - ETA: 23s - loss: 0.0741 - acc: 0.9775
1822 133/160 [=====>.....] - ETA: 22s - loss: 0.0738 - acc: 0.9777
1823 134/160 [=====>.....] - ETA: 21s - loss: 0.0755 - acc: 0.9773
1824 135/160 [=====>.....] - ETA: 21s - loss: 0.0752 - acc: 0.9773
1825 136/160 [=====>.....] - ETA: 20s - loss: 0.0752 - acc: 0.9773
1826 137/160 [=====>.....] - ETA: 19s - loss: 0.0750 - acc: 0.9774
1827 138/160 [=====>.....] - ETA: 18s - loss: 0.0747 - acc: 0.9775
1828 139/160 [=====>.....] - ETA: 17s - loss: 0.0753 - acc: 0.9775
1829 140/160 [=====>.....] - ETA: 16s - loss: 0.0764 - acc: 0.9772
1830 141/160 [=====>.....] - ETA: 16s - loss: 0.0771 - acc: 0.9770
1831 142/160 [=====>.....] - ETA: 15s - loss: 0.0777 - acc: 0.9769
1832 143/160 [=====>.....] - ETA: 14s - loss: 0.0778 - acc: 0.9768
1833 144/160 [=====>.....] - ETA: 13s - loss: 0.0774 - acc: 0.9769
1834 145/160 [=====>.....] - ETA: 12s - loss: 0.0773 - acc: 0.9768
1835 146/160 [=====>.....] - ETA: 11s - loss: 0.0774 - acc: 0.9768
1836 147/160 [=====>.....] - ETA: 11s - loss: 0.0778 - acc: 0.9767
1837 148/160 [=====>.....] - ETA: 10s - loss: 0.0778 - acc: 0.9767
1838 149/160 [=====>.....] - ETA: 9s - loss: 0.0777 - acc: 0.9767
1839 150/160 [=====>.....] - ETA: 8s - loss: 0.0778 - acc: 0.9767
1840 151/160 [=====>.....] - ETA: 7s - loss: 0.0776 - acc: 0.9768
1841 152/160 [=====>.....] - ETA: 6s - loss: 0.0777 - acc: 0.9767
1842 153/160 [=====>.....] - ETA: 6s - loss: 0.0776 - acc: 0.9768
1843 154/160 [=====>.....] - ETA: 5s - loss: 0.0777 - acc: 0.9767
1844 155/160 [=====>.....] - ETA: 4s - loss: 0.0777 - acc: 0.9767
1845 156/160 [=====>.....] - ETA: 3s - loss: 0.0774 - acc: 0.9767
1846 157/160 [=====>.....] - ETA: 2s - loss: 0.0777 - acc: 0.9766
1847 158/160 [=====>.....] - ETA: 1s - loss: 0.0775 - acc: 0.9766
1848 159/160 [=====>.....] - ETA: 0s - loss: 0.0776 - acc: 0.9764
1849 160/160 [=====] - 179s 1s/step - loss: 0.0775 - acc: 0.9764 - val_loss: 0.
1271 - val_acc: 0.9544
1850 Epoch 12/23
1851
1852 1/160 [.....] - ETA: 1:46 - loss: 0.0336 - acc: 1.0000
1853 2/160 [.....] - ETA: 1:44 - loss: 0.0296 - acc: 1.0000
1854 3/160 [.....] - ETA: 1:41 - loss: 0.0395 - acc: 0.9881
1855 4/160 [.....] - ETA: 1:40 - loss: 0.0520 - acc: 0.9821
1856 5/160 [.....] - ETA: 1:40 - loss: 0.0536 - acc: 0.9833
1857 6/160 [>.....] - ETA: 1:39 - loss: 0.0517 - acc: 0.9821
1858 7/160 [>.....] - ETA: 1:38 - loss: 0.0515 - acc: 0.9830
1859 8/160 [>.....] - ETA: 1:37 - loss: 0.0478 - acc: 0.9851
1860 9/160 [>.....] - ETA: 1:36 - loss: 0.0467 - acc: 0.9854
1861 10/160 [>.....] - ETA: 1:36 - loss: 0.0446 - acc: 0.9869
1862 11/160 [=>.....] - ETA: 1:35 - loss: 0.0476 - acc: 0.9859
1863 12/160 [=>.....] - ETA: 1:34 - loss: 0.0497 - acc: 0.9851
1864 13/160 [=>.....] - ETA: 1:34 - loss: 0.0491 - acc: 0.9853
1865 14/160 [=>.....] - ETA: 1:33 - loss: 0.0527 - acc: 0.9838
1866 15/160 [=>.....] - ETA: 1:32 - loss: 0.0522 - acc: 0.9841
1867 16/160 [==>.....] - ETA: 1:32 - loss: 0.0525 - acc: 0.9829
1868 17/160 [==>.....] - ETA: 1:31 - loss: 0.0531 - acc: 0.9832
1869 18/160 [==>.....] - ETA: 1:30 - loss: 0.0612 - acc: 0.9815
1870 19/160 [==>.....] - ETA: 1:30 - loss: 0.0605 - acc: 0.9812
1871 20/160 [==>.....] - ETA: 1:29 - loss: 0.0614 - acc: 0.9804
1872 21/160 [==>.....] - ETA: 1:28 - loss: 0.0600 - acc: 0.9813
1873 22/160 [==>.....] - ETA: 1:28 - loss: 0.0593 - acc: 0.9816
1874 23/160 [==>.....] - ETA: 1:27 - loss: 0.0607 - acc: 0.9808
1875 24/160 [==>.....] - ETA: 1:29 - loss: 0.0605 - acc: 0.9807
1876 25/160 [==>.....] - ETA: 1:31 - loss: 0.0610 - acc: 0.9795
1877 26/160 [==>.....] - ETA: 1:33 - loss: 0.0620 - acc: 0.9789
1878 27/160 [==>.....] - ETA: 1:34 - loss: 0.0616 - acc: 0.9788
1879 28/160 [====>.....] - ETA: 1:35 - loss: 0.0633 - acc: 0.9779
1880 29/160 [====>.....] - ETA: 1:36 - loss: 0.0650 - acc: 0.9770
1881 30/160 [====>.....] - ETA: 1:37 - loss: 0.0648 - acc: 0.9770
1882 31/160 [====>.....] - ETA: 1:38 - loss: 0.0637 - acc: 0.9777
1883 32/160 [====>.....] - ETA: 1:39 - loss: 0.0665 - acc: 0.9766
1884 33/160 [====>.....] - ETA: 1:39 - loss: 0.0661 - acc: 0.9766
1885 34/160 [====>.....] - ETA: 1:40 - loss: 0.0661 - acc: 0.9765

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1886	35/160	[====>.....]	- ETA: 1:40 - loss: 0.0662 - acc: 0.9762
1887	36/160	[====>.....]	- ETA: 1:40 - loss: 0.0659 - acc: 0.9762
1888	37/160	[====>.....]	- ETA: 1:40 - loss: 0.0656 - acc: 0.9762
1889	38/160	[====>.....]	- ETA: 1:40 - loss: 0.0650 - acc: 0.9768
1890	39/160	[====>.....]	- ETA: 1:40 - loss: 0.0672 - acc: 0.9765
1891	40/160	[====>.....]	- ETA: 1:40 - loss: 0.0659 - acc: 0.9768
1892	41/160	[====>.....]	- ETA: 1:41 - loss: 0.0660 - acc: 0.9768
1893	42/160	[====>.....]	- ETA: 1:41 - loss: 0.0651 - acc: 0.9773
1894	43/160	[====>.....]	- ETA: 1:41 - loss: 0.0645 - acc: 0.9776
1895	44/160	[====>.....]	- ETA: 1:40 - loss: 0.0639 - acc: 0.9778
1896	45/160	[====>.....]	- ETA: 1:40 - loss: 0.0628 - acc: 0.9783
1897	46/160	[====>.....]	- ETA: 1:40 - loss: 0.0629 - acc: 0.9783
1898	47/160	[====>.....]	- ETA: 1:40 - loss: 0.0620 - acc: 0.9785
1899	48/160	[====>.....]	- ETA: 1:40 - loss: 0.0623 - acc: 0.9784
1900	49/160	[====>.....]	- ETA: 1:40 - loss: 0.0629 - acc: 0.9781
1901	50/160	[====>.....]	- ETA: 1:40 - loss: 0.0624 - acc: 0.9781
1902	51/160	[====>.....]	- ETA: 1:39 - loss: 0.0634 - acc: 0.9783
1903	52/160	[====>.....]	- ETA: 1:39 - loss: 0.0647 - acc: 0.9778
1904	53/160	[====>.....]	- ETA: 1:39 - loss: 0.0647 - acc: 0.9778
1905	54/160	[====>.....]	- ETA: 1:39 - loss: 0.0647 - acc: 0.9775
1906	55/160	[====>.....]	- ETA: 1:38 - loss: 0.0645 - acc: 0.9775
1907	56/160	[====>.....]	- ETA: 1:38 - loss: 0.0648 - acc: 0.9775
1908	57/160	[====>.....]	- ETA: 1:38 - loss: 0.0644 - acc: 0.9777
1909	58/160	[====>.....]	- ETA: 1:37 - loss: 0.0639 - acc: 0.9778
1910	59/160	[====>.....]	- ETA: 1:37 - loss: 0.0642 - acc: 0.9776
1911	60/160	[====>.....]	- ETA: 1:36 - loss: 0.0646 - acc: 0.9776
1912	61/160	[====>.....]	- ETA: 1:36 - loss: 0.0643 - acc: 0.9778
1913	62/160	[====>.....]	- ETA: 1:36 - loss: 0.0640 - acc: 0.9781
1914	63/160	[====>.....]	- ETA: 1:36 - loss: 0.0635 - acc: 0.9785
1915	64/160	[====>.....]	- ETA: 1:35 - loss: 0.0647 - acc: 0.9781
1916	65/160	[====>.....]	- ETA: 1:34 - loss: 0.0653 - acc: 0.9775
1917	66/160	[====>.....]	- ETA: 1:34 - loss: 0.0644 - acc: 0.9778
1918	67/160	[====>.....]	- ETA: 1:33 - loss: 0.0642 - acc: 0.9780
1919	68/160	[====>.....]	- ETA: 1:33 - loss: 0.0638 - acc: 0.9783
1920	69/160	[====>.....]	- ETA: 1:32 - loss: 0.0631 - acc: 0.9786
1921	70/160	[====>.....]	- ETA: 1:32 - loss: 0.0643 - acc: 0.9786
1922	71/160	[====>.....]	- ETA: 1:31 - loss: 0.0647 - acc: 0.9784
1923	72/160	[====>.....]	- ETA: 1:30 - loss: 0.0643 - acc: 0.9785
1924	73/160	[====>.....]	- ETA: 1:30 - loss: 0.0641 - acc: 0.9786
1925	74/160	[====>.....]	- ETA: 1:29 - loss: 0.0636 - acc: 0.9788
1926	75/160	[====>.....]	- ETA: 1:28 - loss: 0.0630 - acc: 0.9790
1927	76/160	[====>.....]	- ETA: 1:28 - loss: 0.0623 - acc: 0.9793
1928	77/160	[====>.....]	- ETA: 1:27 - loss: 0.0622 - acc: 0.9793
1929	78/160	[====>.....]	- ETA: 1:26 - loss: 0.0619 - acc: 0.9794
1930	79/160	[====>.....]	- ETA: 1:25 - loss: 0.0618 - acc: 0.9794
1931	80/160	[====>.....]	- ETA: 1:25 - loss: 0.0616 - acc: 0.9795
1932	81/160	[====>.....]	- ETA: 1:24 - loss: 0.0614 - acc: 0.9796
1933	82/160	[====>.....]	- ETA: 1:23 - loss: 0.0619 - acc: 0.9792
1934	83/160	[====>.....]	- ETA: 1:22 - loss: 0.0619 - acc: 0.9792
1935	84/160	[====>.....]	- ETA: 1:21 - loss: 0.0615 - acc: 0.9795
1936	85/160	[====>.....]	- ETA: 1:21 - loss: 0.0613 - acc: 0.9796
1937	86/160	[====>.....]	- ETA: 1:20 - loss: 0.0615 - acc: 0.9795
1938	87/160	[====>.....]	- ETA: 1:19 - loss: 0.0615 - acc: 0.9796
1939	88/160	[====>.....]	- ETA: 1:18 - loss: 0.0615 - acc: 0.9797
1940	89/160	[====>.....]	- ETA: 1:17 - loss: 0.0613 - acc: 0.9797
1941	90/160	[====>.....]	- ETA: 1:16 - loss: 0.0610 - acc: 0.9799
1942	91/160	[====>.....]	- ETA: 1:15 - loss: 0.0608 - acc: 0.9800
1943	92/160	[====>.....]	- ETA: 1:14 - loss: 0.0615 - acc: 0.9799
1944	93/160	[====>.....]	- ETA: 1:14 - loss: 0.0611 - acc: 0.9802
1945	94/160	[====>.....]	- ETA: 1:13 - loss: 0.0608 - acc: 0.9802
1946	95/160	[====>.....]	- ETA: 1:12 - loss: 0.0605 - acc: 0.9803
1947	96/160	[====>.....]	- ETA: 1:11 - loss: 0.0603 - acc: 0.9804
1948	97/160	[====>.....]	- ETA: 1:10 - loss: 0.0600 - acc: 0.9805
1949	98/160	[====>.....]	- ETA: 1:09 - loss: 0.0596 - acc: 0.9807
1950	99/160	[====>.....]	- ETA: 1:08 - loss: 0.0596 - acc: 0.9806
1951	100/160	[====>.....]	- ETA: 1:07 - loss: 0.0592 - acc: 0.9807
1952	101/160	[====>.....]	- ETA: 1:06 - loss: 0.0589 - acc: 0.9807
1953	102/160	[====>.....]	- ETA: 1:05 - loss: 0.0589 - acc: 0.9806
1954	103/160	[====>.....]	- ETA: 1:04 - loss: 0.0587 - acc: 0.9807
1955	104/160	[====>.....]	- ETA: 1:03 - loss: 0.0590 - acc: 0.9805
1956	105/160	[====>.....]	- ETA: 1:02 - loss: 0.0591 - acc: 0.9806
1957	106/160	[====>.....]	- ETA: 1:01 - loss: 0.0590 - acc: 0.9807
1958	107/160	[====>.....]	- ETA: 1:00 - loss: 0.0593 - acc: 0.9806
1959	108/160	[====>.....]	- ETA: 59s - loss: 0.0602 - acc: 0.9805
1960	109/160	[====>.....]	- ETA: 58s - loss: 0.0607 - acc: 0.9803
1961	110/160	[====>.....]	- ETA: 57s - loss: 0.0610 - acc: 0.9802
1962	111/160	[====>.....]	- ETA: 56s - loss: 0.0611 - acc: 0.9803

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1963 112/160 [=====>.....] - ETA: 55s - loss: 0.0612 - acc: 0.9802
1964 113/160 [=====>.....] - ETA: 54s - loss: 0.0613 - acc: 0.9801
1965 114/160 [=====>.....] - ETA: 52s - loss: 0.0611 - acc: 0.9801
1966 115/160 [=====>.....] - ETA: 51s - loss: 0.0609 - acc: 0.9801
1967 116/160 [=====>.....] - ETA: 50s - loss: 0.0613 - acc: 0.9800
1968 117/160 [=====>.....] - ETA: 49s - loss: 0.0617 - acc: 0.9795
1969 118/160 [=====>.....] - ETA: 48s - loss: 0.0618 - acc: 0.9794
1970 119/160 [=====>.....] - ETA: 47s - loss: 0.0617 - acc: 0.9795
1971 120/160 [=====>.....] - ETA: 46s - loss: 0.0618 - acc: 0.9795
1972 121/160 [=====>.....] - ETA: 45s - loss: 0.0620 - acc: 0.9795
1973 122/160 [=====>.....] - ETA: 44s - loss: 0.0622 - acc: 0.9795
1974 123/160 [=====>.....] - ETA: 43s - loss: 0.0621 - acc: 0.9795
1975 124/160 [=====>.....] - ETA: 42s - loss: 0.0618 - acc: 0.9796
1976 125/160 [=====>.....] - ETA: 40s - loss: 0.0622 - acc: 0.9795
1977 126/160 [=====>.....] - ETA: 39s - loss: 0.0618 - acc: 0.9797
1978 127/160 [=====>.....] - ETA: 38s - loss: 0.0628 - acc: 0.9796
1979 128/160 [=====>.....] - ETA: 37s - loss: 0.0627 - acc: 0.9796
1980 129/160 [=====>.....] - ETA: 36s - loss: 0.0636 - acc: 0.9795
1981 130/160 [=====>.....] - ETA: 35s - loss: 0.0634 - acc: 0.9796
1982 131/160 [=====>.....] - ETA: 34s - loss: 0.0632 - acc: 0.9796
1983 132/160 [=====>.....] - ETA: 32s - loss: 0.0631 - acc: 0.9796
1984 133/160 [=====>.....] - ETA: 31s - loss: 0.0631 - acc: 0.9796
1985 134/160 [=====>.....] - ETA: 30s - loss: 0.0639 - acc: 0.9797
1986 135/160 [=====>.....] - ETA: 29s - loss: 0.0638 - acc: 0.9796
1987 136/160 [=====>.....] - ETA: 28s - loss: 0.0639 - acc: 0.9796
1988 137/160 [=====>.....] - ETA: 27s - loss: 0.0639 - acc: 0.9797
1989 138/160 [=====>.....] - ETA: 26s - loss: 0.0636 - acc: 0.9798
1990 139/160 [=====>.....] - ETA: 24s - loss: 0.0635 - acc: 0.9798
1991 140/160 [=====>.....] - ETA: 23s - loss: 0.0633 - acc: 0.9798
1992 141/160 [=====>.....] - ETA: 22s - loss: 0.0632 - acc: 0.9798
1993 142/160 [=====>.....] - ETA: 21s - loss: 0.0637 - acc: 0.9797
1994 143/160 [=====>.....] - ETA: 20s - loss: 0.0636 - acc: 0.9798
1995 144/160 [=====>.....] - ETA: 19s - loss: 0.0635 - acc: 0.9798
1996 145/160 [=====>.....] - ETA: 17s - loss: 0.0635 - acc: 0.9799
1997 146/160 [=====>.....] - ETA: 16s - loss: 0.0636 - acc: 0.9798
1998 147/160 [=====>.....] - ETA: 15s - loss: 0.0660 - acc: 0.9798
1999 148/160 [=====>.....] - ETA: 14s - loss: 0.0665 - acc: 0.9794
2000 149/160 [=====>.....] - ETA: 13s - loss: 0.0667 - acc: 0.9793
2001 150/160 [=====>.....] - ETA: 11s - loss: 0.0674 - acc: 0.9792
2002 151/160 [=====>.....] - ETA: 10s - loss: 0.0672 - acc: 0.9792
2003 152/160 [=====>.....] - ETA: 9s - loss: 0.0671 - acc: 0.9793
2004 153/160 [=====>.....] - ETA: 8s - loss: 0.0668 - acc: 0.9794
2005 154/160 [=====>.....] - ETA: 7s - loss: 0.0667 - acc: 0.9794
2006 155/160 [=====>.....] - ETA: 5s - loss: 0.0672 - acc: 0.9793
2007 156/160 [=====>.....] - ETA: 4s - loss: 0.0680 - acc: 0.9791
2008 157/160 [=====>.....] - ETA: 3s - loss: 0.0678 - acc: 0.9792
2009 158/160 [=====>.....] - ETA: 2s - loss: 0.0679 - acc: 0.9791
2010 159/160 [=====>.....] - ETA: 1s - loss: 0.0678 - acc: 0.9791
2011 160/160 [=====] - 231s 1s/step - loss: 0.0679 - acc: 0.9791 - val_loss: 0.
1713 - val_acc: 0.9467
2012 Epoch 13/23
2013
2014 1/160 [.....] - ETA: 1:50 - loss: 0.1195 - acc: 0.9524
2015 2/160 [.....] - ETA: 1:44 - loss: 0.0919 - acc: 0.9583
2016 3/160 [.....] - ETA: 1:43 - loss: 0.0742 - acc: 0.9722
2017 4/160 [.....] - ETA: 1:42 - loss: 0.0595 - acc: 0.9792
2018 5/160 [.....] - ETA: 1:41 - loss: 0.0513 - acc: 0.9833
2019 6/160 [>.....] - ETA: 1:40 - loss: 0.0464 - acc: 0.9861
2020 7/160 [>.....] - ETA: 1:39 - loss: 0.0455 - acc: 0.9864
2021 8/160 [>.....] - ETA: 1:39 - loss: 0.0461 - acc: 0.9851
2022 9/160 [>.....] - ETA: 1:38 - loss: 0.0421 - acc: 0.9868
2023 10/160 [>.....] - ETA: 1:37 - loss: 0.0419 - acc: 0.9869
2024 11/160 [=>.....] - ETA: 1:37 - loss: 0.0432 - acc: 0.9859
2025 12/160 [=>.....] - ETA: 1:36 - loss: 0.0424 - acc: 0.9871
2026 13/160 [=>.....] - ETA: 1:35 - loss: 0.0436 - acc: 0.9863
2027 14/160 [=>.....] - ETA: 1:35 - loss: 0.0420 - acc: 0.9872
2028 15/160 [=>.....] - ETA: 1:34 - loss: 0.0410 - acc: 0.9881
2029 16/160 [==>.....] - ETA: 1:33 - loss: 0.0398 - acc: 0.9888
2030 17/160 [==>.....] - ETA: 1:33 - loss: 0.0388 - acc: 0.9895
2031 18/160 [==>.....] - ETA: 1:32 - loss: 0.0374 - acc: 0.9901
2032 19/160 [==>.....] - ETA: 1:31 - loss: 0.0372 - acc: 0.9900
2033 20/160 [==>.....] - ETA: 1:31 - loss: 0.0360 - acc: 0.9905
2034 21/160 [==>.....] - ETA: 1:30 - loss: 0.0355 - acc: 0.9909
2035 22/160 [==>.....] - ETA: 1:29 - loss: 0.0349 - acc: 0.9913
2036 23/160 [==>.....] - ETA: 1:29 - loss: 0.0350 - acc: 0.9912
2037 24/160 [==>.....] - ETA: 1:28 - loss: 0.0375 - acc: 0.9906
2038 25/160 [==>.....] - ETA: 1:27 - loss: 0.0378 - acc: 0.9905

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2039	26/160	[====>.....]	- ETA: 1:27 - loss: 0.0366 - acc: 0.9908
2040	27/160	[====>.....]	- ETA: 1:26 - loss: 0.0358 - acc: 0.9907
2041	28/160	[====>.....]	- ETA: 1:25 - loss: 0.0360 - acc: 0.9902
2042	29/160	[====>.....]	- ETA: 1:25 - loss: 0.0356 - acc: 0.9901
2043	30/160	[====>.....]	- ETA: 1:24 - loss: 0.0356 - acc: 0.9897
2044	31/160	[====>.....]	- ETA: 1:23 - loss: 0.0355 - acc: 0.9896
2045	32/160	[====>.....]	- ETA: 1:23 - loss: 0.0384 - acc: 0.9885
2046	33/160	[====>.....]	- ETA: 1:22 - loss: 0.0391 - acc: 0.9881
2047	34/160	[====>.....]	- ETA: 1:21 - loss: 0.0428 - acc: 0.9874
2048	35/160	[====>.....]	- ETA: 1:21 - loss: 0.0445 - acc: 0.9864
2049	36/160	[====>.....]	- ETA: 1:21 - loss: 0.0446 - acc: 0.9861
2050	37/160	[====>.....]	- ETA: 1:21 - loss: 0.0444 - acc: 0.9862
2051	38/160	[====>.....]	- ETA: 1:20 - loss: 0.0462 - acc: 0.9859
2052	39/160	[====>.....]	- ETA: 1:20 - loss: 0.0453 - acc: 0.9863
2053	40/160	[====>.....]	- ETA: 1:19 - loss: 0.0446 - acc: 0.9866
2054	41/160	[====>.....]	- ETA: 1:19 - loss: 0.0449 - acc: 0.9864
2055	42/160	[====>.....]	- ETA: 1:19 - loss: 0.0458 - acc: 0.9855
2056	43/160	[====>.....]	- ETA: 1:18 - loss: 0.0452 - acc: 0.9859
2057	44/160	[====>.....]	- ETA: 1:18 - loss: 0.0449 - acc: 0.9859
2058	45/160	[====>.....]	- ETA: 1:17 - loss: 0.0450 - acc: 0.9860
2059	46/160	[====>.....]	- ETA: 1:17 - loss: 0.0460 - acc: 0.9860
2060	47/160	[====>.....]	- ETA: 1:17 - loss: 0.0455 - acc: 0.9861
2061	48/160	[====>.....]	- ETA: 1:16 - loss: 0.0449 - acc: 0.9864
2062	49/160	[====>.....]	- ETA: 1:16 - loss: 0.0451 - acc: 0.9864
2063	50/160	[====>.....]	- ETA: 1:15 - loss: 0.0445 - acc: 0.9864
2064	51/160	[====>.....]	- ETA: 1:15 - loss: 0.0458 - acc: 0.9858
2065	52/160	[====>.....]	- ETA: 1:14 - loss: 0.0453 - acc: 0.9860
2066	53/160	[====>.....]	- ETA: 1:14 - loss: 0.0447 - acc: 0.9863
2067	54/160	[====>.....]	- ETA: 1:13 - loss: 0.0441 - acc: 0.9866
2068	55/160	[====>.....]	- ETA: 1:12 - loss: 0.0451 - acc: 0.9864
2069	56/160	[====>.....]	- ETA: 1:12 - loss: 0.0445 - acc: 0.9866
2070	57/160	[====>.....]	- ETA: 1:12 - loss: 0.0445 - acc: 0.9864
2071	58/160	[====>.....]	- ETA: 1:11 - loss: 0.0444 - acc: 0.9865
2072	59/160	[====>.....]	- ETA: 1:10 - loss: 0.0444 - acc: 0.9865
2073	60/160	[====>.....]	- ETA: 1:10 - loss: 0.0445 - acc: 0.9865
2074	61/160	[====>.....]	- ETA: 1:09 - loss: 0.0446 - acc: 0.9865
2075	62/160	[====>.....]	- ETA: 1:09 - loss: 0.0442 - acc: 0.9868
2076	63/160	[====>.....]	- ETA: 1:08 - loss: 0.0450 - acc: 0.9860
2077	64/160	[====>.....]	- ETA: 1:07 - loss: 0.0455 - acc: 0.9859
2078	65/160	[====>.....]	- ETA: 1:07 - loss: 0.0459 - acc: 0.9855
2079	66/160	[====>.....]	- ETA: 1:07 - loss: 0.0464 - acc: 0.9854
2080	67/160	[====>.....]	- ETA: 1:06 - loss: 0.0467 - acc: 0.9854
2081	68/160	[====>.....]	- ETA: 1:05 - loss: 0.0466 - acc: 0.9855
2082	69/160	[====>.....]	- ETA: 1:05 - loss: 0.0470 - acc: 0.9853
2083	70/160	[====>.....]	- ETA: 1:04 - loss: 0.0478 - acc: 0.9850
2084	71/160	[====>.....]	- ETA: 1:03 - loss: 0.0478 - acc: 0.9849
2085	72/160	[====>.....]	- ETA: 1:03 - loss: 0.0478 - acc: 0.9850
2086	73/160	[====>.....]	- ETA: 1:02 - loss: 0.0479 - acc: 0.9848
2087	74/160	[====>.....]	- ETA: 1:01 - loss: 0.0480 - acc: 0.9847
2088	75/160	[====>.....]	- ETA: 1:01 - loss: 0.0487 - acc: 0.9843
2089	76/160	[====>.....]	- ETA: 1:00 - loss: 0.0487 - acc: 0.9843
2090	77/160	[====>.....]	- ETA: 1:00 - loss: 0.0492 - acc: 0.9844
2091	78/160	[====>.....]	- ETA: 59s - loss: 0.0504 - acc: 0.9840
2092	79/160	[====>.....]	- ETA: 58s - loss: 0.0502 - acc: 0.9840
2093	80/160	[====>.....]	- ETA: 58s - loss: 0.0507 - acc: 0.9839
2094	81/160	[====>.....]	- ETA: 57s - loss: 0.0506 - acc: 0.9838
2095	82/160	[====>.....]	- ETA: 56s - loss: 0.0506 - acc: 0.9839
2096	83/160	[====>.....]	- ETA: 56s - loss: 0.0504 - acc: 0.9838
2097	84/160	[====>.....]	- ETA: 55s - loss: 0.0517 - acc: 0.9834
2098	85/160	[====>.....]	- ETA: 54s - loss: 0.0523 - acc: 0.9833
2099	86/160	[====>.....]	- ETA: 54s - loss: 0.0519 - acc: 0.9834
2100	87/160	[====>.....]	- ETA: 53s - loss: 0.0522 - acc: 0.9833
2101	88/160	[====>.....]	- ETA: 52s - loss: 0.0527 - acc: 0.9830
2102	89/160	[====>.....]	- ETA: 52s - loss: 0.0526 - acc: 0.9830
2103	90/160	[====>.....]	- ETA: 51s - loss: 0.0525 - acc: 0.9832
2104	91/160	[====>.....]	- ETA: 50s - loss: 0.0541 - acc: 0.9826
2105	92/160	[====>.....]	- ETA: 50s - loss: 0.0538 - acc: 0.9827
2106	93/160	[====>.....]	- ETA: 49s - loss: 0.0537 - acc: 0.9827
2107	94/160	[====>.....]	- ETA: 48s - loss: 0.0537 - acc: 0.9826
2108	95/160	[====>.....]	- ETA: 48s - loss: 0.0535 - acc: 0.9828
2109	96/160	[====>.....]	- ETA: 47s - loss: 0.0531 - acc: 0.9830
2110	97/160	[====>.....]	- ETA: 46s - loss: 0.0526 - acc: 0.9832
2111	98/160	[====>.....]	- ETA: 46s - loss: 0.0524 - acc: 0.9834
2112	99/160	[====>.....]	- ETA: 45s - loss: 0.0531 - acc: 0.9830
2113	100/160	[====>.....]	- ETA: 44s - loss: 0.0528 - acc: 0.9832
2114	101/160	[====>.....]	- ETA: 43s - loss: 0.0529 - acc: 0.9830
2115	102/160	[====>.....]	- ETA: 43s - loss: 0.0528 - acc: 0.9830

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2116 103/160 [=====>.....] - ETA: 42s - loss: 0.0530 - acc: 0.9829
2117 104/160 [=====>.....] - ETA: 41s - loss: 0.0528 - acc: 0.9831
2118 105/160 [=====>.....] - ETA: 41s - loss: 0.0537 - acc: 0.9828
2119 106/160 [=====>.....] - ETA: 40s - loss: 0.0538 - acc: 0.9826
2120 107/160 [=====>.....] - ETA: 39s - loss: 0.0539 - acc: 0.9825
2121 108/160 [=====>.....] - ETA: 38s - loss: 0.0544 - acc: 0.9824
2122 109/160 [=====>.....] - ETA: 38s - loss: 0.0545 - acc: 0.9823
2123 110/160 [=====>.....] - ETA: 37s - loss: 0.0547 - acc: 0.9823
2124 111/160 [=====>.....] - ETA: 36s - loss: 0.0544 - acc: 0.9823
2125 112/160 [=====>.....] - ETA: 36s - loss: 0.0541 - acc: 0.9824
2126 113/160 [=====>.....] - ETA: 35s - loss: 0.0538 - acc: 0.9825
2127 114/160 [=====>.....] - ETA: 34s - loss: 0.0547 - acc: 0.9822
2128 115/160 [=====>.....] - ETA: 33s - loss: 0.0545 - acc: 0.9824
2129 116/160 [=====>.....] - ETA: 33s - loss: 0.0547 - acc: 0.9823
2130 117/160 [=====>.....] - ETA: 32s - loss: 0.0546 - acc: 0.9823
2131 118/160 [=====>.....] - ETA: 31s - loss: 0.0547 - acc: 0.9821
2132 119/160 [=====>.....] - ETA: 31s - loss: 0.0543 - acc: 0.9823
2133 120/160 [=====>.....] - ETA: 30s - loss: 0.0540 - acc: 0.9824
2134 121/160 [=====>.....] - ETA: 29s - loss: 0.0538 - acc: 0.9826
2135 122/160 [=====>.....] - ETA: 28s - loss: 0.0536 - acc: 0.9826
2136 123/160 [=====>.....] - ETA: 28s - loss: 0.0533 - acc: 0.9828
2137 124/160 [=====>.....] - ETA: 27s - loss: 0.0532 - acc: 0.9828
2138 125/160 [=====>.....] - ETA: 26s - loss: 0.0540 - acc: 0.9829
2139 126/160 [=====>.....] - ETA: 25s - loss: 0.0537 - acc: 0.9830
2140 127/160 [=====>.....] - ETA: 25s - loss: 0.0534 - acc: 0.9831
2141 128/160 [=====>.....] - ETA: 24s - loss: 0.0546 - acc: 0.9828
2142 129/160 [=====>.....] - ETA: 23s - loss: 0.0547 - acc: 0.9828
2143 130/160 [=====>.....] - ETA: 22s - loss: 0.0547 - acc: 0.9828
2144 131/160 [=====>.....] - ETA: 22s - loss: 0.0544 - acc: 0.9829
2145 132/160 [=====>.....] - ETA: 21s - loss: 0.0541 - acc: 0.9830
2146 133/160 [=====>.....] - ETA: 20s - loss: 0.0539 - acc: 0.9832
2147 134/160 [=====>.....] - ETA: 19s - loss: 0.0538 - acc: 0.9832
2148 135/160 [=====>.....] - ETA: 19s - loss: 0.0538 - acc: 0.9832
2149 136/160 [=====>.....] - ETA: 18s - loss: 0.0539 - acc: 0.9833
2150 137/160 [=====>.....] - ETA: 17s - loss: 0.0537 - acc: 0.9834
2151 138/160 [=====>.....] - ETA: 16s - loss: 0.0536 - acc: 0.9835
2152 139/160 [=====>.....] - ETA: 16s - loss: 0.0535 - acc: 0.9835
2153 140/160 [=====>.....] - ETA: 15s - loss: 0.0541 - acc: 0.9834
2154 141/160 [=====>.....] - ETA: 14s - loss: 0.0539 - acc: 0.9835
2155 142/160 [=====>.....] - ETA: 13s - loss: 0.0536 - acc: 0.9836
2156 143/160 [=====>.....] - ETA: 13s - loss: 0.0544 - acc: 0.9835
2157 144/160 [=====>.....] - ETA: 12s - loss: 0.0543 - acc: 0.9835
2158 145/160 [=====>.....] - ETA: 11s - loss: 0.0542 - acc: 0.9835
2159 146/160 [=====>.....] - ETA: 10s - loss: 0.0547 - acc: 0.9834
2160 147/160 [=====>.....] - ETA: 10s - loss: 0.0547 - acc: 0.9834
2161 148/160 [=====>.....] - ETA: 9s - loss: 0.0549 - acc: 0.9833
2162 149/160 [=====>.....] - ETA: 8s - loss: 0.0557 - acc: 0.9832
2163 150/160 [=====>.....] - ETA: 7s - loss: 0.0556 - acc: 0.9833
2164 151/160 [=====>.....] - ETA: 6s - loss: 0.0554 - acc: 0.9834
2165 152/160 [=====>.....] - ETA: 6s - loss: 0.0557 - acc: 0.9832
2166 153/160 [=====>.....] - ETA: 5s - loss: 0.0558 - acc: 0.9832
2167 154/160 [=====>.....] - ETA: 4s - loss: 0.0556 - acc: 0.9832
2168 155/160 [=====>.....] - ETA: 3s - loss: 0.0554 - acc: 0.9833
2169 156/160 [=====>.....] - ETA: 3s - loss: 0.0553 - acc: 0.9834
2170 157/160 [=====>.....] - ETA: 2s - loss: 0.0553 - acc: 0.9834
2171 158/160 [=====>.....] - ETA: 1s - loss: 0.0555 - acc: 0.9833
2172 159/160 [=====>.....] - ETA: 0s - loss: 0.0557 - acc: 0.9832
2173 160/160 [=====] - 166s 1s/step - loss: 0.0554 - acc: 0.9833 - val_loss: 0.
1660 - val_acc: 0.9509
Epoch 14/23
2174
2175
2176 1/160 [.....] - ETA: 1:45 - loss: 0.0173 - acc: 1.0000
2177 2/160 [.....] - ETA: 1:43 - loss: 0.0174 - acc: 1.0000
2178 3/160 [.....] - ETA: 1:41 - loss: 0.0288 - acc: 0.9921
2179 4/160 [.....] - ETA: 1:40 - loss: 0.0348 - acc: 0.9851
2180 5/160 [.....] - ETA: 1:39 - loss: 0.0525 - acc: 0.9786
2181 6/160 [>.....] - ETA: 1:38 - loss: 0.0462 - acc: 0.9821
2182 7/160 [>.....] - ETA: 1:38 - loss: 0.0449 - acc: 0.9830
2183 8/160 [>.....] - ETA: 1:37 - loss: 0.0477 - acc: 0.9821
2184 9/160 [>.....] - ETA: 1:36 - loss: 0.0866 - acc: 0.9775
2185 10/160 [>.....] - ETA: 1:36 - loss: 0.0846 - acc: 0.9774
2186 11/160 [=>.....] - ETA: 1:35 - loss: 0.0808 - acc: 0.9784
2187 12/160 [=>.....] - ETA: 1:34 - loss: 0.0776 - acc: 0.9792
2188 13/160 [=>.....] - ETA: 1:33 - loss: 0.0761 - acc: 0.9808
2189 14/160 [=>.....] - ETA: 1:33 - loss: 0.0744 - acc: 0.9821
2190 15/160 [=>.....] - ETA: 1:32 - loss: 0.0756 - acc: 0.9810
2191 16/160 [==>.....] - ETA: 1:32 - loss: 0.0743 - acc: 0.9814

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2192	17/160	[==>.....]	- ETA: 1:31 - loss: 0.0732 - acc: 0.9811
2193	18/160	[==>.....]	- ETA: 1:30 - loss: 0.0714 - acc: 0.9821
2194	19/160	[==>.....]	- ETA: 1:30 - loss: 0.0709 - acc: 0.9812
2195	20/160	[==>.....]	- ETA: 1:29 - loss: 0.0696 - acc: 0.9815
2196	21/160	[==>.....]	- ETA: 1:29 - loss: 0.0710 - acc: 0.9807
2197	22/160	[==>.....]	- ETA: 1:29 - loss: 0.0724 - acc: 0.9794
2198	23/160	[==>.....]	- ETA: 1:28 - loss: 0.0714 - acc: 0.9798
2199	24/160	[==>.....]	- ETA: 1:27 - loss: 0.0689 - acc: 0.9807
2200	25/160	[==>.....]	- ETA: 1:26 - loss: 0.0691 - acc: 0.9805
2201	26/160	[==>.....]	- ETA: 1:26 - loss: 0.0668 - acc: 0.9812
2202	27/160	[==>.....]	- ETA: 1:26 - loss: 0.0666 - acc: 0.9810
2203	28/160	[==>.....]	- ETA: 1:27 - loss: 0.0670 - acc: 0.9809
2204	29/160	[==>.....]	- ETA: 1:28 - loss: 0.0672 - acc: 0.9803
2205	30/160	[==>.....]	- ETA: 1:28 - loss: 0.0661 - acc: 0.9802
2206	31/160	[==>.....]	- ETA: 1:28 - loss: 0.0661 - acc: 0.9796
2207	32/160	[==>.....]	- ETA: 1:28 - loss: 0.0653 - acc: 0.9799
2208	33/160	[==>.....]	- ETA: 1:28 - loss: 0.0646 - acc: 0.9802
2209	34/160	[==>.....]	- ETA: 1:29 - loss: 0.0655 - acc: 0.9797
2210	35/160	[==>.....]	- ETA: 1:29 - loss: 0.0650 - acc: 0.9796
2211	36/160	[==>.....]	- ETA: 1:28 - loss: 0.0638 - acc: 0.9802
2212	37/160	[==>.....]	- ETA: 1:29 - loss: 0.0630 - acc: 0.9804
2213	38/160	[==>.....]	- ETA: 1:29 - loss: 0.0686 - acc: 0.9799
2214	39/160	[==>.....]	- ETA: 1:28 - loss: 0.0685 - acc: 0.9799
2215	40/160	[==>.....]	- ETA: 1:28 - loss: 0.0681 - acc: 0.9798
2216	41/160	[==>.....]	- ETA: 1:28 - loss: 0.0670 - acc: 0.9803
2217	42/160	[==>.....]	- ETA: 1:28 - loss: 0.0661 - acc: 0.9804
2218	43/160	[==>.....]	- ETA: 1:28 - loss: 0.0652 - acc: 0.9809
2219	44/160	[==>.....]	- ETA: 1:27 - loss: 0.0644 - acc: 0.9811
2220	45/160	[==>.....]	- ETA: 1:27 - loss: 0.0632 - acc: 0.9815
2221	46/160	[==>.....]	- ETA: 1:27 - loss: 0.0635 - acc: 0.9811
2222	47/160	[==>.....]	- ETA: 1:27 - loss: 0.0628 - acc: 0.9813
2223	48/160	[==>.....]	- ETA: 1:26 - loss: 0.0623 - acc: 0.9814
2224	49/160	[==>.....]	- ETA: 1:26 - loss: 0.0615 - acc: 0.9818
2225	50/160	[==>.....]	- ETA: 1:26 - loss: 0.0607 - acc: 0.9821
2226	51/160	[==>.....]	- ETA: 1:25 - loss: 0.0602 - acc: 0.9823
2227	52/160	[==>.....]	- ETA: 1:25 - loss: 0.0607 - acc: 0.9819
2228	53/160	[==>.....]	- ETA: 1:24 - loss: 0.0602 - acc: 0.9820
2229	54/160	[==>.....]	- ETA: 1:24 - loss: 0.0598 - acc: 0.9821
2230	55/160	[==>.....]	- ETA: 1:23 - loss: 0.0602 - acc: 0.9823
2231	56/160	[==>.....]	- ETA: 1:23 - loss: 0.0600 - acc: 0.9821
2232	57/160	[==>.....]	- ETA: 1:22 - loss: 0.0597 - acc: 0.9822
2233	58/160	[==>.....]	- ETA: 1:21 - loss: 0.0592 - acc: 0.9823
2234	59/160	[==>.....]	- ETA: 1:21 - loss: 0.0595 - acc: 0.9820
2235	60/160	[==>.....]	- ETA: 1:20 - loss: 0.0600 - acc: 0.9817
2236	61/160	[==>.....]	- ETA: 1:20 - loss: 0.0597 - acc: 0.9819
2237	62/160	[==>.....]	- ETA: 1:19 - loss: 0.0605 - acc: 0.9818
2238	63/160	[==>.....]	- ETA: 1:18 - loss: 0.0602 - acc: 0.9817
2239	64/160	[==>.....]	- ETA: 1:18 - loss: 0.0597 - acc: 0.9820
2240	65/160	[==>.....]	- ETA: 1:17 - loss: 0.0596 - acc: 0.9821
2241	66/160	[==>.....]	- ETA: 1:17 - loss: 0.0596 - acc: 0.9821
2242	67/160	[==>.....]	- ETA: 1:16 - loss: 0.0593 - acc: 0.9822
2243	68/160	[==>.....]	- ETA: 1:15 - loss: 0.0589 - acc: 0.9823
2244	69/160	[==>.....]	- ETA: 1:15 - loss: 0.0586 - acc: 0.9822
2245	70/160	[==>.....]	- ETA: 1:14 - loss: 0.0583 - acc: 0.9821
2246	71/160	[==>.....]	- ETA: 1:13 - loss: 0.0577 - acc: 0.9824
2247	72/160	[==>.....]	- ETA: 1:13 - loss: 0.0572 - acc: 0.9826
2248	73/160	[==>.....]	- ETA: 1:12 - loss: 0.0568 - acc: 0.9827
2249	74/160	[==>.....]	- ETA: 1:11 - loss: 0.0567 - acc: 0.9828
2250	75/160	[==>.....]	- ETA: 1:10 - loss: 0.0563 - acc: 0.9827
2251	76/160	[==>.....]	- ETA: 1:10 - loss: 0.0565 - acc: 0.9825
2252	77/160	[==>.....]	- ETA: 1:09 - loss: 0.0561 - acc: 0.9825
2253	78/160	[==>.....]	- ETA: 1:09 - loss: 0.0555 - acc: 0.9828
2254	79/160	[==>.....]	- ETA: 1:08 - loss: 0.0551 - acc: 0.9830
2255	80/160	[==>.....]	- ETA: 1:08 - loss: 0.0549 - acc: 0.9830
2256	81/160	[==>.....]	- ETA: 1:07 - loss: 0.0546 - acc: 0.9830
2257	82/160	[==>.....]	- ETA: 1:06 - loss: 0.0540 - acc: 0.9832
2258	83/160	[==>.....]	- ETA: 1:05 - loss: 0.0535 - acc: 0.9834
2259	84/160	[==>.....]	- ETA: 1:05 - loss: 0.0534 - acc: 0.9833
2260	85/160	[==>.....]	- ETA: 1:04 - loss: 0.0537 - acc: 0.9831
2261	86/160	[==>.....]	- ETA: 1:03 - loss: 0.0538 - acc: 0.9828
2262	87/160	[==>.....]	- ETA: 1:03 - loss: 0.0543 - acc: 0.9828
2263	88/160	[==>.....]	- ETA: 1:02 - loss: 0.0542 - acc: 0.9828
2264	89/160	[==>.....]	- ETA: 1:01 - loss: 0.0550 - acc: 0.9823
2265	90/160	[==>.....]	- ETA: 1:00 - loss: 0.0546 - acc: 0.9825
2266	91/160	[==>.....]	- ETA: 1:00 - loss: 0.0544 - acc: 0.9826
2267	92/160	[==>.....]	- ETA: 59s - loss: 0.0553 - acc: 0.9825
2268	93/160	[==>.....]	- ETA: 59s - loss: 0.0550 - acc: 0.9827

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2269 94/160 [=====>.....] - ETA: 58s - loss: 0.0557 - acc: 0.9825
2270 95/160 [=====>.....] - ETA: 57s - loss: 0.0553 - acc: 0.9827
2271 96/160 [=====>.....] - ETA: 56s - loss: 0.0558 - acc: 0.9826
2272 97/160 [=====>.....] - ETA: 56s - loss: 0.0555 - acc: 0.9827
2273 98/160 [=====>.....] - ETA: 55s - loss: 0.0555 - acc: 0.9826
2274 99/160 [=====>.....] - ETA: 54s - loss: 0.0552 - acc: 0.9828
2275 100/160 [=====>.....] - ETA: 53s - loss: 0.0551 - acc: 0.9827
2276 101/160 [=====>.....] - ETA: 52s - loss: 0.0553 - acc: 0.9826
2277 102/160 [=====>.....] - ETA: 51s - loss: 0.0551 - acc: 0.9826
2278 103/160 [=====>.....] - ETA: 51s - loss: 0.0550 - acc: 0.9825
2279 104/160 [=====>.....] - ETA: 50s - loss: 0.0549 - acc: 0.9825
2280 105/160 [=====>.....] - ETA: 49s - loss: 0.0546 - acc: 0.9825
2281 106/160 [=====>.....] - ETA: 48s - loss: 0.0542 - acc: 0.9827
2282 107/160 [=====>.....] - ETA: 47s - loss: 0.0537 - acc: 0.9829
2283 108/160 [=====>.....] - ETA: 47s - loss: 0.0537 - acc: 0.9829
2284 109/160 [=====>.....] - ETA: 46s - loss: 0.0536 - acc: 0.9830
2285 110/160 [=====>.....] - ETA: 45s - loss: 0.0536 - acc: 0.9830
2286 111/160 [=====>.....] - ETA: 44s - loss: 0.0533 - acc: 0.9832
2287 112/160 [=====>.....] - ETA: 43s - loss: 0.0531 - acc: 0.9833
2288 113/160 [=====>.....] - ETA: 42s - loss: 0.0529 - acc: 0.9834
2289 114/160 [=====>.....] - ETA: 41s - loss: 0.0532 - acc: 0.9832
2290 115/160 [=====>.....] - ETA: 41s - loss: 0.0534 - acc: 0.9830
2291 116/160 [=====>.....] - ETA: 40s - loss: 0.0532 - acc: 0.9831
2292 117/160 [=====>.....] - ETA: 39s - loss: 0.0536 - acc: 0.9829
2293 118/160 [=====>.....] - ETA: 38s - loss: 0.0534 - acc: 0.9829
2294 119/160 [=====>.....] - ETA: 37s - loss: 0.0531 - acc: 0.9831
2295 120/160 [=====>.....] - ETA: 36s - loss: 0.0535 - acc: 0.9830
2296 121/160 [=====>.....] - ETA: 35s - loss: 0.0537 - acc: 0.9830
2297 122/160 [=====>.....] - ETA: 35s - loss: 0.0538 - acc: 0.9830
2298 123/160 [=====>.....] - ETA: 34s - loss: 0.0537 - acc: 0.9831
2299 124/160 [=====>.....] - ETA: 33s - loss: 0.0535 - acc: 0.9831
2300 125/160 [=====>.....] - ETA: 32s - loss: 0.0534 - acc: 0.9831
2301 126/160 [=====>.....] - ETA: 31s - loss: 0.0533 - acc: 0.9832
2302 127/160 [=====>.....] - ETA: 30s - loss: 0.0533 - acc: 0.9832
2303 128/160 [=====>.....] - ETA: 29s - loss: 0.0536 - acc: 0.9831
2304 129/160 [=====>.....] - ETA: 28s - loss: 0.0546 - acc: 0.9828
2305 130/160 [=====>.....] - ETA: 27s - loss: 0.0542 - acc: 0.9830
2306 131/160 [=====>.....] - ETA: 27s - loss: 0.0543 - acc: 0.9828
2307 132/160 [=====>.....] - ETA: 26s - loss: 0.0543 - acc: 0.9829
2308 133/160 [=====>.....] - ETA: 25s - loss: 0.0544 - acc: 0.9828
2309 134/160 [=====>.....] - ETA: 24s - loss: 0.0545 - acc: 0.9828
2310 135/160 [=====>.....] - ETA: 23s - loss: 0.0549 - acc: 0.9825
2311 136/160 [=====>.....] - ETA: 22s - loss: 0.0557 - acc: 0.9823
2312 137/160 [=====>.....] - ETA: 21s - loss: 0.0556 - acc: 0.9824
2313 138/160 [=====>.....] - ETA: 20s - loss: 0.0557 - acc: 0.9822
2314 139/160 [=====>.....] - ETA: 19s - loss: 0.0570 - acc: 0.9818
2315 140/160 [=====>.....] - ETA: 18s - loss: 0.0570 - acc: 0.9819
2316 141/160 [=====>.....] - ETA: 17s - loss: 0.0576 - acc: 0.9818
2317 142/160 [=====>.....] - ETA: 17s - loss: 0.0578 - acc: 0.9816
2318 143/160 [=====>.....] - ETA: 16s - loss: 0.0580 - acc: 0.9815
2319 144/160 [=====>.....] - ETA: 15s - loss: 0.0583 - acc: 0.9813
2320 145/160 [=====>.....] - ETA: 14s - loss: 0.0581 - acc: 0.9814
2321 146/160 [=====>.....] - ETA: 13s - loss: 0.0597 - acc: 0.9814
2322 147/160 [=====>.....] - ETA: 12s - loss: 0.0597 - acc: 0.9814
2323 148/160 [=====>.....] - ETA: 11s - loss: 0.0596 - acc: 0.9813
2324 149/160 [=====>.....] - ETA: 10s - loss: 0.0595 - acc: 0.9814
2325 150/160 [=====>.....] - ETA: 9s - loss: 0.0594 - acc: 0.9815
2326 151/160 [=====>.....] - ETA: 8s - loss: 0.0595 - acc: 0.9815
2327 152/160 [=====>.....] - ETA: 7s - loss: 0.0594 - acc: 0.9816
2328 153/160 [=====>.....] - ETA: 6s - loss: 0.0594 - acc: 0.9816
2329 154/160 [=====>.....] - ETA: 5s - loss: 0.0593 - acc: 0.9814
2330 155/160 [=====>.....] - ETA: 4s - loss: 0.0593 - acc: 0.9815
2331 156/160 [=====>.....] - ETA: 3s - loss: 0.0590 - acc: 0.9816
2332 157/160 [=====>.....] - ETA: 2s - loss: 0.0589 - acc: 0.9816
2333 158/160 [=====>.....] - ETA: 1s - loss: 0.0597 - acc: 0.9815
2334 159/160 [=====>.....] - ETA: 0s - loss: 0.0594 - acc: 0.9817
2335 160/160 [=====] - 195s 1s/step - loss: 0.0599 - acc: 0.9815 - val_loss: 0.
1496 - val_acc: 0.9504
2336 Epoch 15/23
2337
2338 1/160 [.....] - ETA: 1:42 - loss: 0.0422 - acc: 0.9881
2339 2/160 [.....] - ETA: 1:40 - loss: 0.0756 - acc: 0.9762
2340 3/160 [.....] - ETA: 1:40 - loss: 0.0760 - acc: 0.9762
2341 4/160 [.....] - ETA: 1:39 - loss: 0.0629 - acc: 0.9821
2342 5/160 [.....] - ETA: 1:38 - loss: 0.1012 - acc: 0.9762
2343 6/160 [>.....] - ETA: 1:37 - loss: 0.0929 - acc: 0.9782
2344 7/160 [>.....] - ETA: 1:37 - loss: 0.0850 - acc: 0.9796

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2345	8/160	[>.....]	- ETA: 1:37 - loss: 0.0777 - acc: 0.9807
2346	9/160	[>.....]	- ETA: 1:36 - loss: 0.0746 - acc: 0.9815
2347	10/160	[>.....]	- ETA: 1:36 - loss: 0.0767 - acc: 0.9810
2348	11/160	[=>.....]	- ETA: 1:36 - loss: 0.0745 - acc: 0.9805
2349	12/160	[=>.....]	- ETA: 1:35 - loss: 0.0714 - acc: 0.9821
2350	13/160	[=>.....]	- ETA: 1:35 - loss: 0.0712 - acc: 0.9826
2351	14/160	[=>.....]	- ETA: 1:35 - loss: 0.0691 - acc: 0.9830
2352	15/160	[=>.....]	- ETA: 1:34 - loss: 0.0673 - acc: 0.9833
2353	16/160	[==>.....]	- ETA: 1:34 - loss: 0.0668 - acc: 0.9836
2354	17/160	[==>.....]	- ETA: 1:34 - loss: 0.0653 - acc: 0.9832
2355	18/160	[==>.....]	- ETA: 1:36 - loss: 0.0635 - acc: 0.9841
2356	19/160	[==>.....]	- ETA: 1:40 - loss: 0.0714 - acc: 0.9831
2357	20/160	[==>.....]	- ETA: 1:44 - loss: 0.0705 - acc: 0.9827
2358	21/160	[==>.....]	- ETA: 1:48 - loss: 0.0682 - acc: 0.9836
2359	22/160	[===>.....]	- ETA: 1:50 - loss: 0.0723 - acc: 0.9832
2360	23/160	[===>.....]	- ETA: 1:52 - loss: 0.0709 - acc: 0.9834
2361	24/160	[===>.....]	- ETA: 1:55 - loss: 0.0723 - acc: 0.9836
2362	25/160	[===>.....]	- ETA: 1:56 - loss: 0.0718 - acc: 0.9833
2363	26/160	[===>.....]	- ETA: 1:58 - loss: 0.0713 - acc: 0.9831
2364	27/160	[===>.....]	- ETA: 1:59 - loss: 0.0706 - acc: 0.9832
2365	28/160	[====>.....]	- ETA: 2:00 - loss: 0.0691 - acc: 0.9834
2366	29/160	[====>.....]	- ETA: 2:01 - loss: 0.0702 - acc: 0.9823
2367	30/160	[====>.....]	- ETA: 2:02 - loss: 0.0685 - acc: 0.9829
2368	31/160	[====>.....]	- ETA: 2:03 - loss: 0.0672 - acc: 0.9831
2369	32/160	[====>.....]	- ETA: 2:03 - loss: 0.0656 - acc: 0.9836
2370	33/160	[====>.....]	- ETA: 2:04 - loss: 0.0646 - acc: 0.9838
2371	34/160	[====>.....]	- ETA: 2:05 - loss: 0.0633 - acc: 0.9842
2372	35/160	[====>.....]	- ETA: 2:04 - loss: 0.0624 - acc: 0.9844
2373	36/160	[====>.....]	- ETA: 2:04 - loss: 0.0612 - acc: 0.9845
2374	37/160	[====>.....]	- ETA: 2:04 - loss: 0.0621 - acc: 0.9839
2375	38/160	[====>.....]	- ETA: 2:04 - loss: 0.0614 - acc: 0.9843
2376	39/160	[====>.....]	- ETA: 2:03 - loss: 0.0604 - acc: 0.9844
2377	40/160	[====>.....]	- ETA: 2:03 - loss: 0.0601 - acc: 0.9842
2378	41/160	[====>.....]	- ETA: 2:03 - loss: 0.0597 - acc: 0.9843
2379	42/160	[====>.....]	- ETA: 2:02 - loss: 0.0586 - acc: 0.9847
2380	43/160	[====>.....]	- ETA: 2:02 - loss: 0.0583 - acc: 0.9845
2381	44/160	[====>.....]	- ETA: 2:02 - loss: 0.0583 - acc: 0.9838
2382	45/160	[====>.....]	- ETA: 2:01 - loss: 0.0579 - acc: 0.9839
2383	46/160	[====>.....]	- ETA: 2:00 - loss: 0.0584 - acc: 0.9834
2384	47/160	[====>.....]	- ETA: 2:00 - loss: 0.0583 - acc: 0.9833
2385	48/160	[====>.....]	- ETA: 1:59 - loss: 0.0577 - acc: 0.9834
2386	49/160	[====>.....]	- ETA: 1:58 - loss: 0.0594 - acc: 0.9830
2387	50/160	[====>.....]	- ETA: 1:58 - loss: 0.0593 - acc: 0.9831
2388	51/160	[====>.....]	- ETA: 1:57 - loss: 0.0596 - acc: 0.9827
2389	52/160	[====>.....]	- ETA: 1:56 - loss: 0.0596 - acc: 0.9828
2390	53/160	[====>.....]	- ETA: 1:55 - loss: 0.0588 - acc: 0.9832
2391	54/160	[====>.....]	- ETA: 1:55 - loss: 0.0584 - acc: 0.9832
2392	55/160	[====>.....]	- ETA: 1:54 - loss: 0.0590 - acc: 0.9831
2393	56/160	[====>.....]	- ETA: 1:53 - loss: 0.0581 - acc: 0.9834
2394	57/160	[====>.....]	- ETA: 1:52 - loss: 0.0580 - acc: 0.9833
2395	58/160	[====>.....]	- ETA: 1:52 - loss: 0.0577 - acc: 0.9834
2396	59/160	[====>.....]	- ETA: 1:51 - loss: 0.0576 - acc: 0.9835
2397	60/160	[====>.....]	- ETA: 1:50 - loss: 0.0575 - acc: 0.9833
2398	61/160	[====>.....]	- ETA: 1:49 - loss: 0.0571 - acc: 0.9834
2399	62/160	[====>.....]	- ETA: 1:49 - loss: 0.0563 - acc: 0.9837
2400	63/160	[====>.....]	- ETA: 1:48 - loss: 0.0556 - acc: 0.9839
2401	64/160	[====>.....]	- ETA: 1:47 - loss: 0.0551 - acc: 0.9842
2402	65/160	[====>.....]	- ETA: 1:46 - loss: 0.0551 - acc: 0.9842
2403	66/160	[====>.....]	- ETA: 1:45 - loss: 0.0545 - acc: 0.9845
2404	67/160	[====>.....]	- ETA: 1:45 - loss: 0.0548 - acc: 0.9842
2405	68/160	[====>.....]	- ETA: 1:43 - loss: 0.0544 - acc: 0.9842
2406	69/160	[====>.....]	- ETA: 1:43 - loss: 0.0543 - acc: 0.9841
2407	70/160	[====>.....]	- ETA: 1:42 - loss: 0.0537 - acc: 0.9844
2408	71/160	[====>.....]	- ETA: 1:41 - loss: 0.0530 - acc: 0.9846
2409	72/160	[====>.....]	- ETA: 1:40 - loss: 0.0524 - acc: 0.9848
2410	73/160	[====>.....]	- ETA: 1:39 - loss: 0.0525 - acc: 0.9848
2411	74/160	[====>.....]	- ETA: 1:38 - loss: 0.0525 - acc: 0.9846
2412	75/160	[====>.....]	- ETA: 1:37 - loss: 0.0537 - acc: 0.9843
2413	76/160	[====>.....]	- ETA: 1:36 - loss: 0.0533 - acc: 0.9843
2414	77/160	[====>.....]	- ETA: 1:36 - loss: 0.0528 - acc: 0.9845
2415	78/160	[====>.....]	- ETA: 1:35 - loss: 0.0527 - acc: 0.9846
2416	79/160	[====>.....]	- ETA: 1:34 - loss: 0.0532 - acc: 0.9843
2417	80/160	[====>.....]	- ETA: 1:33 - loss: 0.0529 - acc: 0.9844
2418	81/160	[====>.....]	- ETA: 1:32 - loss: 0.0525 - acc: 0.9846
2419	82/160	[====>.....]	- ETA: 1:31 - loss: 0.0528 - acc: 0.9846
2420	83/160	[====>.....]	- ETA: 1:30 - loss: 0.0523 - acc: 0.9848
2421	84/160	[====>.....]	- ETA: 1:29 - loss: 0.0522 - acc: 0.9847


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2422 85/160 [=====>.....] - ETA: 1:28 - loss: 0.0520 - acc: 0.9847
2423 86/160 [=====>.....] - ETA: 1:27 - loss: 0.0519 - acc: 0.9846
2424 87/160 [=====>.....] - ETA: 1:26 - loss: 0.0522 - acc: 0.9844
2425 88/160 [=====>.....] - ETA: 1:25 - loss: 0.0518 - acc: 0.9844
2426 89/160 [=====>.....] - ETA: 1:24 - loss: 0.0514 - acc: 0.9846
2427 90/160 [=====>.....] - ETA: 1:23 - loss: 0.0513 - acc: 0.9847
2428 91/160 [=====>.....] - ETA: 1:22 - loss: 0.0516 - acc: 0.9846
2429 92/160 [=====>.....] - ETA: 1:20 - loss: 0.0511 - acc: 0.9847
2430 93/160 [=====>.....] - ETA: 1:19 - loss: 0.0508 - acc: 0.9848
2431 94/160 [=====>.....] - ETA: 1:18 - loss: 0.0505 - acc: 0.9849
2432 95/160 [=====>.....] - ETA: 1:17 - loss: 0.0506 - acc: 0.9850
2433 96/160 [=====>.....] - ETA: 1:16 - loss: 0.0503 - acc: 0.9850
2434 97/160 [=====>.....] - ETA: 1:15 - loss: 0.0504 - acc: 0.9849
2435 98/160 [=====>.....] - ETA: 1:14 - loss: 0.0506 - acc: 0.9848
2436 99/160 [=====>.....] - ETA: 1:13 - loss: 0.0504 - acc: 0.9848
2437 100/160 [=====>.....] - ETA: 1:12 - loss: 0.0501 - acc: 0.9850
2438 101/160 [=====>.....] - ETA: 1:11 - loss: 0.0500 - acc: 0.9850
2439 102/160 [=====>.....] - ETA: 1:10 - loss: 0.0501 - acc: 0.9849
2440 103/160 [=====>.....] - ETA: 1:08 - loss: 0.0503 - acc: 0.9850
2441 104/160 [=====>.....] - ETA: 1:07 - loss: 0.0510 - acc: 0.9849
2442 105/160 [=====>.....] - ETA: 1:06 - loss: 0.0509 - acc: 0.9848
2443 106/160 [=====>.....] - ETA: 1:05 - loss: 0.0509 - acc: 0.9847
2444 107/160 [=====>.....] - ETA: 1:04 - loss: 0.0505 - acc: 0.9849
2445 108/160 [=====>.....] - ETA: 1:03 - loss: 0.0505 - acc: 0.9849
2446 109/160 [=====>.....] - ETA: 1:02 - loss: 0.0505 - acc: 0.9848
2447 110/160 [=====>.....] - ETA: 1:01 - loss: 0.0504 - acc: 0.9848
2448 111/160 [=====>.....] - ETA: 59s - loss: 0.0504 - acc: 0.9849
2449 112/160 [=====>.....] - ETA: 58s - loss: 0.0504 - acc: 0.9848
2450 113/160 [=====>.....] - ETA: 57s - loss: 0.0502 - acc: 0.9848
2451 114/160 [=====>.....] - ETA: 56s - loss: 0.0499 - acc: 0.9850
2452 115/160 [=====>.....] - ETA: 55s - loss: 0.0505 - acc: 0.9849
2453 116/160 [=====>.....] - ETA: 53s - loss: 0.0502 - acc: 0.9850
2454 117/160 [=====>.....] - ETA: 52s - loss: 0.0502 - acc: 0.9850
2455 118/160 [=====>.....] - ETA: 51s - loss: 0.0502 - acc: 0.9851
2456 119/160 [=====>.....] - ETA: 50s - loss: 0.0501 - acc: 0.9851
2457 120/160 [=====>.....] - ETA: 49s - loss: 0.0501 - acc: 0.9849
2458 121/160 [=====>.....] - ETA: 48s - loss: 0.0506 - acc: 0.9848
2459 122/160 [=====>.....] - ETA: 46s - loss: 0.0507 - acc: 0.9849
2460 123/160 [=====>.....] - ETA: 45s - loss: 0.0504 - acc: 0.9850
2461 124/160 [=====>.....] - ETA: 44s - loss: 0.0502 - acc: 0.9851
2462 125/160 [=====>.....] - ETA: 43s - loss: 0.0504 - acc: 0.9850
2463 126/160 [=====>.....] - ETA: 42s - loss: 0.0504 - acc: 0.9851
2464 127/160 [=====>.....] - ETA: 40s - loss: 0.0501 - acc: 0.9852
2465 128/160 [=====>.....] - ETA: 39s - loss: 0.0503 - acc: 0.9851
2466 129/160 [=====>.....] - ETA: 38s - loss: 0.0513 - acc: 0.9849
2467 130/160 [=====>.....] - ETA: 37s - loss: 0.0510 - acc: 0.9850
2468 131/160 [=====>.....] - ETA: 35s - loss: 0.0510 - acc: 0.9850
2469 132/160 [=====>.....] - ETA: 34s - loss: 0.0507 - acc: 0.9851
2470 133/160 [=====>.....] - ETA: 33s - loss: 0.0509 - acc: 0.9851
2471 134/160 [=====>.....] - ETA: 32s - loss: 0.0516 - acc: 0.9849
2472 135/160 [=====>.....] - ETA: 31s - loss: 0.0517 - acc: 0.9848
2473 136/160 [=====>.....] - ETA: 29s - loss: 0.0514 - acc: 0.9849
2474 137/160 [=====>.....] - ETA: 28s - loss: 0.0513 - acc: 0.9850
2475 138/160 [=====>.....] - ETA: 27s - loss: 0.0517 - acc: 0.9848
2476 139/160 [=====>.....] - ETA: 26s - loss: 0.0516 - acc: 0.9848
2477 140/160 [=====>.....] - ETA: 24s - loss: 0.0514 - acc: 0.9849
2478 141/160 [=====>.....] - ETA: 23s - loss: 0.0519 - acc: 0.9846
2479 142/160 [=====>.....] - ETA: 22s - loss: 0.0518 - acc: 0.9847
2480 143/160 [=====>.....] - ETA: 21s - loss: 0.0519 - acc: 0.9847
2481 144/160 [=====>.....] - ETA: 20s - loss: 0.0517 - acc: 0.9847
2482 145/160 [=====>.....] - ETA: 18s - loss: 0.0519 - acc: 0.9846
2483 146/160 [=====>.....] - ETA: 17s - loss: 0.0517 - acc: 0.9847
2484 147/160 [=====>.....] - ETA: 16s - loss: 0.0521 - acc: 0.9847
2485 148/160 [=====>.....] - ETA: 15s - loss: 0.0522 - acc: 0.9847
2486 149/160 [=====>.....] - ETA: 13s - loss: 0.0522 - acc: 0.9847
2487 150/160 [=====>.....] - ETA: 12s - loss: 0.0523 - acc: 0.9846
2488 151/160 [=====>.....] - ETA: 11s - loss: 0.0524 - acc: 0.9845
2489 152/160 [=====>.....] - ETA: 10s - loss: 0.0530 - acc: 0.9843
2490 153/160 [=====>.....] - ETA: 8s - loss: 0.0528 - acc: 0.9843
2491 154/160 [=====>.....] - ETA: 7s - loss: 0.0530 - acc: 0.9842
2492 155/160 [=====>.....] - ETA: 6s - loss: 0.0532 - acc: 0.9841
2493 156/160 [=====>.....] - ETA: 5s - loss: 0.0530 - acc: 0.9842
2494 157/160 [=====>.....] - ETA: 3s - loss: 0.0532 - acc: 0.9840
2495 158/160 [=====>.....] - ETA: 2s - loss: 0.0532 - acc: 0.9840
2496 159/160 [=====>.....] - ETA: 1s - loss: 0.0531 - acc: 0.9840
2497 160/160 [=====] - 241s 2s/step - loss: 0.0534 - acc: 0.9840 - val_loss: 0.
0931 - val_acc: 0.9765

```

2498 Epoch 16/23

2499

```

2500 1/160 [.....] - ETA: 1:45 - loss: 0.0543 - acc: 0.9762
2501 2/160 [.....] - ETA: 1:45 - loss: 0.0908 - acc: 0.9583
2502 3/160 [.....] - ETA: 1:44 - loss: 0.0738 - acc: 0.9683
2503 4/160 [.....] - ETA: 1:43 - loss: 0.0835 - acc: 0.9583
2504 5/160 [.....] - ETA: 1:42 - loss: 0.0705 - acc: 0.9667
2505 6/160 [>.....] - ETA: 1:41 - loss: 0.0655 - acc: 0.9702
2506 7/160 [>.....] - ETA: 1:40 - loss: 0.0588 - acc: 0.9745
2507 8/160 [>.....] - ETA: 1:39 - loss: 0.0625 - acc: 0.9747
2508 9/160 [>.....] - ETA: 1:38 - loss: 0.0643 - acc: 0.9749
2509 10/160 [>.....] - ETA: 1:37 - loss: 0.0689 - acc: 0.9726
2510 11/160 [=>.....] - ETA: 1:36 - loss: 0.0677 - acc: 0.9729
2511 12/160 [=>.....] - ETA: 1:36 - loss: 0.0675 - acc: 0.9732
2512 13/160 [=>.....] - ETA: 1:35 - loss: 0.0688 - acc: 0.9734
2513 14/160 [=>.....] - ETA: 1:35 - loss: 0.0660 - acc: 0.9753
2514 15/160 [=>.....] - ETA: 1:34 - loss: 0.0637 - acc: 0.9762
2515 16/160 [==>.....] - ETA: 1:34 - loss: 0.0643 - acc: 0.9762
2516 17/160 [==>.....] - ETA: 1:33 - loss: 0.0625 - acc: 0.9769
2517 18/160 [==>.....] - ETA: 1:32 - loss: 0.0609 - acc: 0.9775
2518 19/160 [==>.....] - ETA: 1:32 - loss: 0.0586 - acc: 0.9787
2519 20/160 [==>.....] - ETA: 1:31 - loss: 0.0586 - acc: 0.9792
2520 21/160 [==>.....] - ETA: 1:30 - loss: 0.0570 - acc: 0.9802
2521 22/160 [==>.....] - ETA: 1:30 - loss: 0.0575 - acc: 0.9794
2522 23/160 [==>.....] - ETA: 1:29 - loss: 0.0558 - acc: 0.9803
2523 24/160 [==>.....] - ETA: 1:28 - loss: 0.0551 - acc: 0.9807
2524 25/160 [==>.....] - ETA: 1:28 - loss: 0.0552 - acc: 0.9800
2525 26/160 [==>.....] - ETA: 1:27 - loss: 0.0538 - acc: 0.9808
2526 27/160 [==>.....] - ETA: 1:26 - loss: 0.0539 - acc: 0.9810
2527 28/160 [==>.....] - ETA: 1:25 - loss: 0.0530 - acc: 0.9813
2528 29/160 [==>.....] - ETA: 1:25 - loss: 0.0533 - acc: 0.9811
2529 30/160 [==>.....] - ETA: 1:24 - loss: 0.0521 - acc: 0.9817
2530 31/160 [==>.....] - ETA: 1:23 - loss: 0.0509 - acc: 0.9823
2531 32/160 [==>.....] - ETA: 1:23 - loss: 0.0505 - acc: 0.9825
2532 33/160 [==>.....] - ETA: 1:22 - loss: 0.0519 - acc: 0.9827
2533 34/160 [==>.....] - ETA: 1:21 - loss: 0.0510 - acc: 0.9828
2534 35/160 [==>.....] - ETA: 1:21 - loss: 0.0532 - acc: 0.9830
2535 36/160 [==>.....] - ETA: 1:20 - loss: 0.0521 - acc: 0.9835
2536 37/160 [==>.....] - ETA: 1:19 - loss: 0.0524 - acc: 0.9836
2537 38/160 [==>.....] - ETA: 1:19 - loss: 0.0532 - acc: 0.9834
2538 39/160 [==>.....] - ETA: 1:18 - loss: 0.0520 - acc: 0.9838
2539 40/160 [==>.....] - ETA: 1:18 - loss: 0.0528 - acc: 0.9830
2540 41/160 [==>.....] - ETA: 1:17 - loss: 0.0525 - acc: 0.9829
2541 42/160 [==>.....] - ETA: 1:16 - loss: 0.0520 - acc: 0.9830
2542 43/160 [==>.....] - ETA: 1:16 - loss: 0.0532 - acc: 0.9828
2543 44/160 [==>.....] - ETA: 1:15 - loss: 0.0542 - acc: 0.9830
2544 45/160 [==>.....] - ETA: 1:15 - loss: 0.0533 - acc: 0.9833
2545 46/160 [==>.....] - ETA: 1:14 - loss: 0.0528 - acc: 0.9834
2546 47/160 [==>.....] - ETA: 1:14 - loss: 0.0527 - acc: 0.9833
2547 48/160 [==>.....] - ETA: 1:14 - loss: 0.0524 - acc: 0.9831
2548 49/160 [==>.....] - ETA: 1:13 - loss: 0.0522 - acc: 0.9832
2549 50/160 [==>.....] - ETA: 1:13 - loss: 0.0528 - acc: 0.9833
2550 51/160 [==>.....] - ETA: 1:12 - loss: 0.0563 - acc: 0.9825
2551 52/160 [==>.....] - ETA: 1:12 - loss: 0.0564 - acc: 0.9821
2552 53/160 [==>.....] - ETA: 1:11 - loss: 0.0562 - acc: 0.9823
2553 54/160 [==>.....] - ETA: 1:11 - loss: 0.0561 - acc: 0.9824
2554 55/160 [==>.....] - ETA: 1:11 - loss: 0.0567 - acc: 0.9823
2555 56/160 [==>.....] - ETA: 1:10 - loss: 0.0571 - acc: 0.9821
2556 57/160 [==>.....] - ETA: 1:10 - loss: 0.0573 - acc: 0.9822
2557 58/160 [==>.....] - ETA: 1:09 - loss: 0.0574 - acc: 0.9821
2558 59/160 [==>.....] - ETA: 1:09 - loss: 0.0573 - acc: 0.9820
2559 60/160 [==>.....] - ETA: 1:08 - loss: 0.0580 - acc: 0.9819
2560 61/160 [==>.....] - ETA: 1:08 - loss: 0.0585 - acc: 0.9820
2561 62/160 [==>.....] - ETA: 1:07 - loss: 0.0587 - acc: 0.9820
2562 63/160 [==>.....] - ETA: 1:06 - loss: 0.0593 - acc: 0.9815
2563 64/160 [==>.....] - ETA: 1:06 - loss: 0.0589 - acc: 0.9818
2564 65/160 [==>.....] - ETA: 1:05 - loss: 0.0583 - acc: 0.9821
2565 66/160 [==>.....] - ETA: 1:05 - loss: 0.0589 - acc: 0.9818
2566 67/160 [==>.....] - ETA: 1:04 - loss: 0.0586 - acc: 0.9819
2567 68/160 [==>.....] - ETA: 1:03 - loss: 0.0579 - acc: 0.9821
2568 69/160 [==>.....] - ETA: 1:03 - loss: 0.0588 - acc: 0.9822
2569 70/160 [==>.....] - ETA: 1:02 - loss: 0.0584 - acc: 0.9823
2570 71/160 [==>.....] - ETA: 1:02 - loss: 0.0579 - acc: 0.9826
2571 72/160 [==>.....] - ETA: 1:01 - loss: 0.0580 - acc: 0.9825
2572 73/160 [==>.....] - ETA: 1:01 - loss: 0.0590 - acc: 0.9824
2573 74/160 [==>.....] - ETA: 1:00 - loss: 0.0586 - acc: 0.9825
2574 75/160 [==>.....] - ETA: 59s - loss: 0.0580 - acc: 0.9827

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2575	76/160	[=====>.....]	- ETA: 59s - loss: 0.0580 - acc: 0.9828
2576	77/160	[=====>.....]	- ETA: 58s - loss: 0.0576 - acc: 0.9830
2577	78/160	[=====>.....]	- ETA: 58s - loss: 0.0572 - acc: 0.9831
2578	79/160	[=====>.....]	- ETA: 57s - loss: 0.0570 - acc: 0.9831
2579	80/160	[=====>.....]	- ETA: 56s - loss: 0.0568 - acc: 0.9830
2580	81/160	[=====>.....]	- ETA: 56s - loss: 0.0563 - acc: 0.9832
2581	82/160	[=====>.....]	- ETA: 55s - loss: 0.0561 - acc: 0.9832
2582	83/160	[=====>.....]	- ETA: 54s - loss: 0.0556 - acc: 0.9834
2583	84/160	[=====>.....]	- ETA: 54s - loss: 0.0551 - acc: 0.9836
2584	85/160	[=====>.....]	- ETA: 53s - loss: 0.0549 - acc: 0.9836
2585	86/160	[=====>.....]	- ETA: 52s - loss: 0.0550 - acc: 0.9837
2586	87/160	[=====>.....]	- ETA: 52s - loss: 0.0546 - acc: 0.9837
2587	88/160	[=====>.....]	- ETA: 51s - loss: 0.0543 - acc: 0.9838
2588	89/160	[=====>.....]	- ETA: 50s - loss: 0.0540 - acc: 0.9839
2589	90/160	[=====>.....]	- ETA: 50s - loss: 0.0539 - acc: 0.9839
2590	91/160	[=====>.....]	- ETA: 49s - loss: 0.0535 - acc: 0.9840
2591	92/160	[=====>.....]	- ETA: 48s - loss: 0.0539 - acc: 0.9840
2592	93/160	[=====>.....]	- ETA: 47s - loss: 0.0541 - acc: 0.9837
2593	94/160	[=====>.....]	- ETA: 47s - loss: 0.0543 - acc: 0.9837
2594	95/160	[=====>.....]	- ETA: 46s - loss: 0.0540 - acc: 0.9837
2595	96/160	[=====>.....]	- ETA: 46s - loss: 0.0536 - acc: 0.9839
2596	97/160	[=====>.....]	- ETA: 45s - loss: 0.0542 - acc: 0.9837
2597	98/160	[=====>.....]	- ETA: 44s - loss: 0.0542 - acc: 0.9836
2598	99/160	[=====>.....]	- ETA: 44s - loss: 0.0544 - acc: 0.9835
2599	100/160	[=====>.....]	- ETA: 43s - loss: 0.0543 - acc: 0.9835
2600	101/160	[=====>.....]	- ETA: 42s - loss: 0.0541 - acc: 0.9835
2601	102/160	[=====>.....]	- ETA: 42s - loss: 0.0544 - acc: 0.9835
2602	103/160	[=====>.....]	- ETA: 41s - loss: 0.0542 - acc: 0.9836
2603	104/160	[=====>.....]	- ETA: 40s - loss: 0.0539 - acc: 0.9837
2604	105/160	[=====>.....]	- ETA: 40s - loss: 0.0538 - acc: 0.9837
2605	106/160	[=====>.....]	- ETA: 39s - loss: 0.0548 - acc: 0.9834
2606	107/160	[=====>.....]	- ETA: 38s - loss: 0.0550 - acc: 0.9833
2607	108/160	[=====>.....]	- ETA: 37s - loss: 0.0548 - acc: 0.9834
2608	109/160	[=====>.....]	- ETA: 37s - loss: 0.0544 - acc: 0.9835
2609	110/160	[=====>.....]	- ETA: 36s - loss: 0.0545 - acc: 0.9834
2610	111/160	[=====>.....]	- ETA: 35s - loss: 0.0554 - acc: 0.9832
2611	112/160	[=====>.....]	- ETA: 35s - loss: 0.0559 - acc: 0.9830
2612	113/160	[=====>.....]	- ETA: 34s - loss: 0.0559 - acc: 0.9829
2613	114/160	[=====>.....]	- ETA: 33s - loss: 0.0557 - acc: 0.9830
2614	115/160	[=====>.....]	- ETA: 33s - loss: 0.0556 - acc: 0.9830
2615	116/160	[=====>.....]	- ETA: 32s - loss: 0.0552 - acc: 0.9832
2616	117/160	[=====>.....]	- ETA: 31s - loss: 0.0552 - acc: 0.9830
2617	118/160	[=====>.....]	- ETA: 30s - loss: 0.0550 - acc: 0.9831
2618	119/160	[=====>.....]	- ETA: 30s - loss: 0.0546 - acc: 0.9832
2619	120/160	[=====>.....]	- ETA: 29s - loss: 0.0545 - acc: 0.9833
2620	121/160	[=====>.....]	- ETA: 28s - loss: 0.0545 - acc: 0.9833
2621	122/160	[=====>.....]	- ETA: 28s - loss: 0.0541 - acc: 0.9834
2622	123/160	[=====>.....]	- ETA: 27s - loss: 0.0539 - acc: 0.9835
2623	124/160	[=====>.....]	- ETA: 26s - loss: 0.0538 - acc: 0.9836
2624	125/160	[=====>.....]	- ETA: 25s - loss: 0.0537 - acc: 0.9835
2625	126/160	[=====>.....]	- ETA: 25s - loss: 0.0535 - acc: 0.9836
2626	127/160	[=====>.....]	- ETA: 24s - loss: 0.0543 - acc: 0.9833
2627	128/160	[=====>.....]	- ETA: 23s - loss: 0.0541 - acc: 0.9834
2628	129/160	[=====>.....]	- ETA: 22s - loss: 0.0541 - acc: 0.9833
2629	130/160	[=====>.....]	- ETA: 22s - loss: 0.0542 - acc: 0.9832
2630	131/160	[=====>.....]	- ETA: 21s - loss: 0.0541 - acc: 0.9833
2631	132/160	[=====>.....]	- ETA: 20s - loss: 0.0544 - acc: 0.9830
2632	133/160	[=====>.....]	- ETA: 20s - loss: 0.0541 - acc: 0.9832
2633	134/160	[=====>.....]	- ETA: 19s - loss: 0.0538 - acc: 0.9833
2634	135/160	[=====>.....]	- ETA: 18s - loss: 0.0541 - acc: 0.9832
2635	136/160	[=====>.....]	- ETA: 17s - loss: 0.0542 - acc: 0.9832
2636	137/160	[=====>.....]	- ETA: 17s - loss: 0.0544 - acc: 0.9831
2637	138/160	[=====>.....]	- ETA: 16s - loss: 0.0545 - acc: 0.9830
2638	139/160	[=====>.....]	- ETA: 15s - loss: 0.0544 - acc: 0.9830
2639	140/160	[=====>.....]	- ETA: 14s - loss: 0.0542 - acc: 0.9832
2640	141/160	[=====>.....]	- ETA: 14s - loss: 0.0539 - acc: 0.9832
2641	142/160	[=====>.....]	- ETA: 13s - loss: 0.0541 - acc: 0.9831
2642	143/160	[=====>.....]	- ETA: 12s - loss: 0.0550 - acc: 0.9829
2643	144/160	[=====>.....]	- ETA: 11s - loss: 0.0547 - acc: 0.9831
2644	145/160	[=====>.....]	- ETA: 11s - loss: 0.0549 - acc: 0.9830
2645	146/160	[=====>.....]	- ETA: 10s - loss: 0.0549 - acc: 0.9830
2646	147/160	[=====>.....]	- ETA: 9s - loss: 0.0549 - acc: 0.9829
2647	148/160	[=====>.....]	- ETA: 9s - loss: 0.0559 - acc: 0.9826
2648	149/160	[=====>.....]	- ETA: 8s - loss: 0.0564 - acc: 0.9825
2649	150/160	[=====>.....]	- ETA: 7s - loss: 0.0562 - acc: 0.9825
2650	151/160	[=====>.....]	- ETA: 6s - loss: 0.0569 - acc: 0.9823
2651	152/160	[=====>.....]	- ETA: 6s - loss: 0.0570 - acc: 0.9822

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2652 153/160 [=====>...] - ETA: 5s - loss: 0.0575 - acc: 0.9821
2653 154/160 [=====>...] - ETA: 4s - loss: 0.0574 - acc: 0.9822
2654 155/160 [=====>...] - ETA: 3s - loss: 0.0572 - acc: 0.9823
2655 156/160 [=====>...] - ETA: 3s - loss: 0.0573 - acc: 0.9822
2656 157/160 [=====>...] - ETA: 2s - loss: 0.0575 - acc: 0.9821
2657 158/160 [=====>...] - ETA: 1s - loss: 0.0576 - acc: 0.9821
2658 159/160 [=====>...] - ETA: 0s - loss: 0.0574 - acc: 0.9822
2659 160/160 [=====] - 161s 1s/step - loss: 0.0573 - acc: 0.9821 - val_loss: 0.
1324 - val_acc: 0.9647
Epoch 17/23
2661
2662 1/160 [.....] - ETA: 1:47 - loss: 0.0436 - acc: 0.9881
2663 2/160 [.....] - ETA: 1:43 - loss: 0.0324 - acc: 0.9940
2664 3/160 [.....] - ETA: 1:42 - loss: 0.0355 - acc: 0.9881
2665 4/160 [.....] - ETA: 1:41 - loss: 0.0343 - acc: 0.9911
2666 5/160 [.....] - ETA: 1:41 - loss: 0.0346 - acc: 0.9905
2667 6/160 [>.....] - ETA: 1:40 - loss: 0.0332 - acc: 0.9901
2668 7/160 [>.....] - ETA: 1:40 - loss: 0.0363 - acc: 0.9881
2669 8/160 [>.....] - ETA: 1:39 - loss: 0.0375 - acc: 0.9866
2670 9/160 [>.....] - ETA: 1:38 - loss: 0.0419 - acc: 0.9841
2671 10/160 [>.....] - ETA: 1:38 - loss: 0.0424 - acc: 0.9845
2672 11/160 [=>.....] - ETA: 1:37 - loss: 0.0454 - acc: 0.9827
2673 12/160 [=>.....] - ETA: 1:36 - loss: 0.0449 - acc: 0.9831
2674 13/160 [=>.....] - ETA: 1:36 - loss: 0.0423 - acc: 0.9844
2675 14/160 [=>.....] - ETA: 1:35 - loss: 0.0420 - acc: 0.9847
2676 15/160 [=>.....] - ETA: 1:34 - loss: 0.0450 - acc: 0.9825
2677 16/160 [==>.....] - ETA: 1:34 - loss: 0.0440 - acc: 0.9829
2678 17/160 [==>.....] - ETA: 1:33 - loss: 0.0423 - acc: 0.9832
2679 18/160 [==>.....] - ETA: 1:32 - loss: 0.0419 - acc: 0.9835
2680 19/160 [==>.....] - ETA: 1:32 - loss: 0.0434 - acc: 0.9837
2681 20/160 [==>.....] - ETA: 1:31 - loss: 0.0460 - acc: 0.9833
2682 21/160 [==>.....] - ETA: 1:30 - loss: 0.0460 - acc: 0.9830
2683 22/160 [==>.....] - ETA: 1:28 - loss: 0.0461 - acc: 0.9835
2684 23/160 [==>.....] - ETA: 1:27 - loss: 0.0488 - acc: 0.9832
2685 24/160 [==>.....] - ETA: 1:27 - loss: 0.0474 - acc: 0.9839
2686 25/160 [==>.....] - ETA: 1:26 - loss: 0.0479 - acc: 0.9836
2687 26/160 [==>.....] - ETA: 1:26 - loss: 0.0472 - acc: 0.9833
2688 27/160 [====>.....] - ETA: 1:25 - loss: 0.0479 - acc: 0.9826
2689 28/160 [====>.....] - ETA: 1:24 - loss: 0.0475 - acc: 0.9828
2690 29/160 [====>.....] - ETA: 1:24 - loss: 0.0481 - acc: 0.9826
2691 30/160 [====>.....] - ETA: 1:23 - loss: 0.0489 - acc: 0.9823
2692 31/160 [====>.....] - ETA: 1:23 - loss: 0.0481 - acc: 0.9825
2693 32/160 [====>.....] - ETA: 1:22 - loss: 0.0486 - acc: 0.9827
2694 33/160 [====>.....] - ETA: 1:21 - loss: 0.0474 - acc: 0.9832
2695 34/160 [====>.....] - ETA: 1:21 - loss: 0.0467 - acc: 0.9834
2696 35/160 [====>.....] - ETA: 1:21 - loss: 0.0467 - acc: 0.9835
2697 36/160 [====>.....] - ETA: 1:21 - loss: 0.0461 - acc: 0.9836
2698 37/160 [====>.....] - ETA: 1:20 - loss: 0.0454 - acc: 0.9838
2699 38/160 [====>.....] - ETA: 1:21 - loss: 0.0454 - acc: 0.9839
2700 39/160 [====>.....] - ETA: 1:21 - loss: 0.0447 - acc: 0.9840
2701 40/160 [====>.....] - ETA: 1:20 - loss: 0.0441 - acc: 0.9844
2702 41/160 [====>.....] - ETA: 1:20 - loss: 0.0437 - acc: 0.9845
2703 42/160 [====>.....] - ETA: 1:20 - loss: 0.0433 - acc: 0.9846
2704 43/160 [====>.....] - ETA: 1:19 - loss: 0.0425 - acc: 0.9849
2705 44/160 [====>.....] - ETA: 1:19 - loss: 0.0424 - acc: 0.9853
2706 45/160 [====>.....] - ETA: 1:19 - loss: 0.0431 - acc: 0.9851
2707 46/160 [====>.....] - ETA: 1:19 - loss: 0.0423 - acc: 0.9854
2708 47/160 [====>.....] - ETA: 1:18 - loss: 0.0442 - acc: 0.9855
2709 48/160 [====>.....] - ETA: 1:18 - loss: 0.0436 - acc: 0.9858
2710 49/160 [====>.....] - ETA: 1:18 - loss: 0.0433 - acc: 0.9858
2711 50/160 [====>.....] - ETA: 1:18 - loss: 0.0434 - acc: 0.9856
2712 51/160 [====>.....] - ETA: 1:17 - loss: 0.0438 - acc: 0.9854
2713 52/160 [====>.....] - ETA: 1:17 - loss: 0.0432 - acc: 0.9855
2714 53/160 [====>.....] - ETA: 1:16 - loss: 0.0427 - acc: 0.9858
2715 54/160 [====>.....] - ETA: 1:16 - loss: 0.0425 - acc: 0.9858
2716 55/160 [====>.....] - ETA: 1:15 - loss: 0.0421 - acc: 0.9861
2717 56/160 [====>.....] - ETA: 1:15 - loss: 0.0421 - acc: 0.9859
2718 57/160 [====>.....] - ETA: 1:14 - loss: 0.0419 - acc: 0.9859
2719 58/160 [====>.....] - ETA: 1:14 - loss: 0.0420 - acc: 0.9860
2720 59/160 [====>.....] - ETA: 1:13 - loss: 0.0419 - acc: 0.9858
2721 60/160 [====>.....] - ETA: 1:13 - loss: 0.0421 - acc: 0.9856
2722 61/160 [====>.....] - ETA: 1:12 - loss: 0.0420 - acc: 0.9857
2723 62/160 [====>.....] - ETA: 1:12 - loss: 0.0418 - acc: 0.9857
2724 63/160 [====>.....] - ETA: 1:11 - loss: 0.0416 - acc: 0.9858
2725 64/160 [====>.....] - ETA: 1:10 - loss: 0.0427 - acc: 0.9856
2726 65/160 [====>.....] - ETA: 1:10 - loss: 0.0424 - acc: 0.9858
2727 66/160 [====>.....] - ETA: 1:10 - loss: 0.0428 - acc: 0.9857

```

2728	67/160	[=====>.....]	- ETA: 1:09 - loss: 0.0426 - acc: 0.9857
2729	68/160	[=====>.....]	- ETA: 1:09 - loss: 0.0433 - acc: 0.9856
2730	69/160	[=====>.....]	- ETA: 1:08 - loss: 0.0429 - acc: 0.9858
2731	70/160	[=====>.....]	- ETA: 1:07 - loss: 0.0425 - acc: 0.9860
2732	71/160	[=====>.....]	- ETA: 1:07 - loss: 0.0423 - acc: 0.9860
2733	72/160	[=====>.....]	- ETA: 1:06 - loss: 0.0424 - acc: 0.9860
2734	73/160	[=====>.....]	- ETA: 1:05 - loss: 0.0420 - acc: 0.9862
2735	74/160	[=====>.....]	- ETA: 1:05 - loss: 0.0417 - acc: 0.9864
2736	75/160	[=====>.....]	- ETA: 1:04 - loss: 0.0418 - acc: 0.9863
2737	76/160	[=====>.....]	- ETA: 1:04 - loss: 0.0418 - acc: 0.9863
2738	77/160	[=====>.....]	- ETA: 1:03 - loss: 0.0414 - acc: 0.9865
2739	78/160	[=====>.....]	- ETA: 1:02 - loss: 0.0412 - acc: 0.9867
2740	79/160	[=====>.....]	- ETA: 1:01 - loss: 0.0418 - acc: 0.9864
2741	80/160	[=====>.....]	- ETA: 1:01 - loss: 0.0416 - acc: 0.9866
2742	81/160	[=====>.....]	- ETA: 1:00 - loss: 0.0414 - acc: 0.9867
2743	82/160	[=====>.....]	- ETA: 1:00 - loss: 0.0409 - acc: 0.9869
2744	83/160	[=====>.....]	- ETA: 59s - loss: 0.0416 - acc: 0.9868
2745	84/160	[=====>.....]	- ETA: 58s - loss: 0.0420 - acc: 0.9865
2746	85/160	[=====>.....]	- ETA: 57s - loss: 0.0421 - acc: 0.9865
2747	86/160	[=====>.....]	- ETA: 57s - loss: 0.0422 - acc: 0.9865
2748	87/160	[=====>.....]	- ETA: 56s - loss: 0.0420 - acc: 0.9865
2749	88/160	[=====>.....]	- ETA: 56s - loss: 0.0422 - acc: 0.9863
2750	89/160	[=====>.....]	- ETA: 55s - loss: 0.0435 - acc: 0.9860
2751	90/160	[=====>.....]	- ETA: 55s - loss: 0.0433 - acc: 0.9861
2752	91/160	[=====>.....]	- ETA: 54s - loss: 0.0432 - acc: 0.9861
2753	92/160	[=====>.....]	- ETA: 53s - loss: 0.0433 - acc: 0.9861
2754	93/160	[=====>.....]	- ETA: 52s - loss: 0.0430 - acc: 0.9863
2755	94/160	[=====>.....]	- ETA: 52s - loss: 0.0427 - acc: 0.9864
2756	95/160	[=====>.....]	- ETA: 51s - loss: 0.0424 - acc: 0.9865
2757	96/160	[=====>.....]	- ETA: 50s - loss: 0.0427 - acc: 0.9864
2758	97/160	[=====>.....]	- ETA: 50s - loss: 0.0425 - acc: 0.9866
2759	98/160	[=====>.....]	- ETA: 49s - loss: 0.0441 - acc: 0.9862
2760	99/160	[=====>.....]	- ETA: 48s - loss: 0.0440 - acc: 0.9862
2761	100/160	[=====>.....]	- ETA: 47s - loss: 0.0454 - acc: 0.9860
2762	101/160	[=====>.....]	- ETA: 47s - loss: 0.0451 - acc: 0.9862
2763	102/160	[=====>.....]	- ETA: 46s - loss: 0.0454 - acc: 0.9859
2764	103/160	[=====>.....]	- ETA: 45s - loss: 0.0451 - acc: 0.9861
2765	104/160	[=====>.....]	- ETA: 45s - loss: 0.0451 - acc: 0.9860
2766	105/160	[=====>.....]	- ETA: 44s - loss: 0.0453 - acc: 0.9858
2767	106/160	[=====>.....]	- ETA: 43s - loss: 0.0451 - acc: 0.9859
2768	107/160	[=====>.....]	- ETA: 42s - loss: 0.0450 - acc: 0.9858
2769	108/160	[=====>.....]	- ETA: 42s - loss: 0.0449 - acc: 0.9858
2770	109/160	[=====>.....]	- ETA: 41s - loss: 0.0447 - acc: 0.9859
2771	110/160	[=====>.....]	- ETA: 40s - loss: 0.0447 - acc: 0.9859
2772	111/160	[=====>.....]	- ETA: 39s - loss: 0.0455 - acc: 0.9857
2773	112/160	[=====>.....]	- ETA: 39s - loss: 0.0454 - acc: 0.9858
2774	113/160	[=====>.....]	- ETA: 38s - loss: 0.0455 - acc: 0.9858
2775	114/160	[=====>.....]	- ETA: 37s - loss: 0.0455 - acc: 0.9858
2776	115/160	[=====>.....]	- ETA: 36s - loss: 0.0454 - acc: 0.9858
2777	116/160	[=====>.....]	- ETA: 35s - loss: 0.0459 - acc: 0.9856
2778	117/160	[=====>.....]	- ETA: 35s - loss: 0.0458 - acc: 0.9856
2779	118/160	[=====>.....]	- ETA: 34s - loss: 0.0458 - acc: 0.9855
2780	119/160	[=====>.....]	- ETA: 33s - loss: 0.0458 - acc: 0.9854
2781	120/160	[=====>.....]	- ETA: 32s - loss: 0.0459 - acc: 0.9853
2782	121/160	[=====>.....]	- ETA: 32s - loss: 0.0461 - acc: 0.9851
2783	122/160	[=====>.....]	- ETA: 31s - loss: 0.0466 - acc: 0.9851
2784	123/160	[=====>.....]	- ETA: 30s - loss: 0.0463 - acc: 0.9852
2785	124/160	[=====>.....]	- ETA: 29s - loss: 0.0461 - acc: 0.9854
2786	125/160	[=====>.....]	- ETA: 28s - loss: 0.0463 - acc: 0.9853
2787	126/160	[=====>.....]	- ETA: 28s - loss: 0.0464 - acc: 0.9853
2788	127/160	[=====>.....]	- ETA: 27s - loss: 0.0464 - acc: 0.9852
2789	128/160	[=====>.....]	- ETA: 26s - loss: 0.0464 - acc: 0.9853
2790	129/160	[=====>.....]	- ETA: 25s - loss: 0.0462 - acc: 0.9853
2791	130/160	[=====>.....]	- ETA: 24s - loss: 0.0460 - acc: 0.9854
2792	131/160	[=====>.....]	- ETA: 24s - loss: 0.0456 - acc: 0.9855
2793	132/160	[=====>.....]	- ETA: 23s - loss: 0.0455 - acc: 0.9854
2794	133/160	[=====>.....]	- ETA: 22s - loss: 0.0461 - acc: 0.9853
2795	134/160	[=====>.....]	- ETA: 21s - loss: 0.0461 - acc: 0.9852
2796	135/160	[=====>.....]	- ETA: 20s - loss: 0.0459 - acc: 0.9853
2797	136/160	[=====>.....]	- ETA: 20s - loss: 0.0462 - acc: 0.9853
2798	137/160	[=====>.....]	- ETA: 19s - loss: 0.0463 - acc: 0.9852
2799	138/160	[=====>.....]	- ETA: 18s - loss: 0.0460 - acc: 0.9853
2800	139/160	[=====>.....]	- ETA: 17s - loss: 0.0468 - acc: 0.9851
2801	140/160	[=====>.....]	- ETA: 16s - loss: 0.0470 - acc: 0.9852
2802	141/160	[=====>.....]	- ETA: 15s - loss: 0.0474 - acc: 0.9850
2803	142/160	[=====>.....]	- ETA: 15s - loss: 0.0474 - acc: 0.9850
2804	143/160	[=====>.....]	- ETA: 14s - loss: 0.0489 - acc: 0.9849

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2805 144/160 [=====>...] - ETA: 13s - loss: 0.0492 - acc: 0.9847
2806 145/160 [=====>...] - ETA: 12s - loss: 0.0493 - acc: 0.9844
2807 146/160 [=====>...] - ETA: 11s - loss: 0.0498 - acc: 0.9844
2808 147/160 [=====>...] - ETA: 10s - loss: 0.0498 - acc: 0.9844
2809 148/160 [=====>...] - ETA: 10s - loss: 0.0499 - acc: 0.9844
2810 149/160 [=====>...] - ETA: 9s - loss: 0.0498 - acc: 0.9845
2811 150/160 [=====>...] - ETA: 8s - loss: 0.0496 - acc: 0.9846
2812 151/160 [=====>...] - ETA: 7s - loss: 0.0509 - acc: 0.9844
2813 152/160 [=====>...] - ETA: 6s - loss: 0.0508 - acc: 0.9844
2814 153/160 [=====>...] - ETA: 5s - loss: 0.0508 - acc: 0.9843
2815 154/160 [=====>...] - ETA: 5s - loss: 0.0509 - acc: 0.9843
2816 155/160 [=====>...] - ETA: 4s - loss: 0.0510 - acc: 0.9843
2817 156/160 [=====>...] - ETA: 3s - loss: 0.0510 - acc: 0.9843
2818 157/160 [=====>...] - ETA: 2s - loss: 0.0509 - acc: 0.9843
2819 158/160 [=====>...] - ETA: 1s - loss: 0.0507 - acc: 0.9844
2820 159/160 [=====>...] - ETA: 0s - loss: 0.0512 - acc: 0.9844
2821 160/160 [=====] - 178s 1s/step - loss: 0.0509 - acc: 0.9845 - val_loss: 0.
0738 - val_acc: 0.9823
2822 Epoch 18/23
2823
2824 1/160 [.....] - ETA: 1:46 - loss: 0.0382 - acc: 0.9881
2825 2/160 [.....] - ETA: 1:43 - loss: 0.0602 - acc: 0.9702
2826 3/160 [.....] - ETA: 1:42 - loss: 0.0579 - acc: 0.9722
2827 4/160 [.....] - ETA: 1:40 - loss: 0.0547 - acc: 0.9762
2828 5/160 [.....] - ETA: 1:40 - loss: 0.0493 - acc: 0.9762
2829 6/160 [>.....] - ETA: 1:39 - loss: 0.0633 - acc: 0.9722
2830 7/160 [>.....] - ETA: 1:38 - loss: 0.0583 - acc: 0.9745
2831 8/160 [>.....] - ETA: 1:37 - loss: 0.0529 - acc: 0.9777
2832 9/160 [>.....] - ETA: 1:36 - loss: 0.0483 - acc: 0.9802
2833 10/160 [>.....] - ETA: 1:36 - loss: 0.0465 - acc: 0.9810
2834 11/160 [=>.....] - ETA: 1:35 - loss: 0.0469 - acc: 0.9816
2835 12/160 [=>.....] - ETA: 1:34 - loss: 0.0470 - acc: 0.9802
2836 13/160 [=>.....] - ETA: 1:33 - loss: 0.0444 - acc: 0.9817
2837 14/160 [=>.....] - ETA: 1:33 - loss: 0.0457 - acc: 0.9813
2838 15/160 [=>.....] - ETA: 1:32 - loss: 0.0435 - acc: 0.9825
2839 16/160 [==>.....] - ETA: 1:31 - loss: 0.0460 - acc: 0.9829
2840 17/160 [==>.....] - ETA: 1:31 - loss: 0.0454 - acc: 0.9832
2841 18/160 [==>.....] - ETA: 1:30 - loss: 0.0452 - acc: 0.9835
2842 19/160 [==>.....] - ETA: 1:30 - loss: 0.0455 - acc: 0.9843
2843 20/160 [==>.....] - ETA: 1:29 - loss: 0.0449 - acc: 0.9845
2844 21/160 [==>.....] - ETA: 1:29 - loss: 0.0468 - acc: 0.9836
2845 22/160 [==>.....] - ETA: 1:31 - loss: 0.0450 - acc: 0.9843
2846 23/160 [==>.....] - ETA: 1:34 - loss: 0.0447 - acc: 0.9840
2847 24/160 [==>.....] - ETA: 1:35 - loss: 0.0436 - acc: 0.9846
2848 25/160 [==>.....] - ETA: 1:37 - loss: 0.0427 - acc: 0.9852
2849 26/160 [==>.....] - ETA: 1:38 - loss: 0.0422 - acc: 0.9853
2850 27/160 [====>.....] - ETA: 1:39 - loss: 0.0416 - acc: 0.9854
2851 28/160 [====>.....] - ETA: 1:40 - loss: 0.0409 - acc: 0.9855
2852 29/160 [====>.....] - ETA: 1:40 - loss: 0.0408 - acc: 0.9856
2853 30/160 [====>.....] - ETA: 1:41 - loss: 0.0406 - acc: 0.9853
2854 31/160 [====>.....] - ETA: 1:41 - loss: 0.0418 - acc: 0.9850
2855 32/160 [====>.....] - ETA: 1:42 - loss: 0.0411 - acc: 0.9855
2856 33/160 [====>.....] - ETA: 1:42 - loss: 0.0464 - acc: 0.9848
2857 34/160 [====>.....] - ETA: 1:42 - loss: 0.0474 - acc: 0.9846
2858 35/160 [====>.....] - ETA: 1:43 - loss: 0.0468 - acc: 0.9850
2859 36/160 [====>.....] - ETA: 1:42 - loss: 0.0482 - acc: 0.9848
2860 37/160 [====>.....] - ETA: 1:42 - loss: 0.0477 - acc: 0.9849
2861 38/160 [====>.....] - ETA: 1:42 - loss: 0.0472 - acc: 0.9850
2862 39/160 [====>.....] - ETA: 1:42 - loss: 0.0482 - acc: 0.9850
2863 40/160 [====>.....] - ETA: 1:42 - loss: 0.0472 - acc: 0.9854
2864 41/160 [====>.....] - ETA: 1:41 - loss: 0.0463 - acc: 0.9858
2865 42/160 [====>.....] - ETA: 1:42 - loss: 0.0460 - acc: 0.9855
2866 43/160 [====>.....] - ETA: 1:41 - loss: 0.0456 - acc: 0.9856
2867 44/160 [====>.....] - ETA: 1:41 - loss: 0.0449 - acc: 0.9859
2868 45/160 [====>.....] - ETA: 1:41 - loss: 0.0446 - acc: 0.9860
2869 46/160 [====>.....] - ETA: 1:41 - loss: 0.0446 - acc: 0.9858
2870 47/160 [====>.....] - ETA: 1:41 - loss: 0.0440 - acc: 0.9861
2871 48/160 [====>.....] - ETA: 1:41 - loss: 0.0435 - acc: 0.9864
2872 49/160 [====>.....] - ETA: 1:40 - loss: 0.0444 - acc: 0.9864
2873 50/160 [====>.....] - ETA: 1:40 - loss: 0.0444 - acc: 0.9860
2874 51/160 [====>.....] - ETA: 1:39 - loss: 0.0443 - acc: 0.9860
2875 52/160 [====>.....] - ETA: 1:39 - loss: 0.0440 - acc: 0.9863
2876 53/160 [====>.....] - ETA: 1:38 - loss: 0.0443 - acc: 0.9861
2877 54/160 [====>.....] - ETA: 1:38 - loss: 0.0449 - acc: 0.9861
2878 55/160 [====>.....] - ETA: 1:38 - loss: 0.0442 - acc: 0.9864
2879 56/160 [====>.....] - ETA: 1:37 - loss: 0.0444 - acc: 0.9862
2880 57/160 [====>.....] - ETA: 1:36 - loss: 0.0443 - acc: 0.9862

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2881	58/160	[=====>.....]	- ETA: 1:36 - loss: 0.0471 - acc: 0.9860
2882	59/160	[=====>.....]	- ETA: 1:35 - loss: 0.0463 - acc: 0.9863
2883	60/160	[=====>.....]	- ETA: 1:35 - loss: 0.0460 - acc: 0.9863
2884	61/160	[=====>.....]	- ETA: 1:34 - loss: 0.0459 - acc: 0.9863
2885	62/160	[=====>.....]	- ETA: 1:33 - loss: 0.0458 - acc: 0.9864
2886	63/160	[=====>.....]	- ETA: 1:33 - loss: 0.0453 - acc: 0.9866
2887	64/160	[=====>.....]	- ETA: 1:32 - loss: 0.0453 - acc: 0.9866
2888	65/160	[=====>.....]	- ETA: 1:32 - loss: 0.0452 - acc: 0.9866
2889	66/160	[=====>.....]	- ETA: 1:31 - loss: 0.0453 - acc: 0.9867
2890	67/160	[=====>.....]	- ETA: 1:30 - loss: 0.0450 - acc: 0.9867
2891	68/160	[=====>.....]	- ETA: 1:30 - loss: 0.0451 - acc: 0.9867
2892	69/160	[=====>.....]	- ETA: 1:29 - loss: 0.0450 - acc: 0.9867
2893	70/160	[=====>.....]	- ETA: 1:28 - loss: 0.0445 - acc: 0.9869
2894	71/160	[=====>.....]	- ETA: 1:28 - loss: 0.0441 - acc: 0.9871
2895	72/160	[=====>.....]	- ETA: 1:27 - loss: 0.0436 - acc: 0.9873
2896	73/160	[=====>.....]	- ETA: 1:27 - loss: 0.0435 - acc: 0.9873
2897	74/160	[=====>.....]	- ETA: 1:26 - loss: 0.0432 - acc: 0.9875
2898	75/160	[=====>.....]	- ETA: 1:26 - loss: 0.0440 - acc: 0.9870
2899	76/160	[=====>.....]	- ETA: 1:25 - loss: 0.0439 - acc: 0.9870
2900	77/160	[=====>.....]	- ETA: 1:24 - loss: 0.0435 - acc: 0.9870
2901	78/160	[=====>.....]	- ETA: 1:23 - loss: 0.0439 - acc: 0.9870
2902	79/160	[=====>.....]	- ETA: 1:23 - loss: 0.0443 - acc: 0.9869
2903	80/160	[=====>.....]	- ETA: 1:22 - loss: 0.0445 - acc: 0.9865
2904	81/160	[=====>.....]	- ETA: 1:21 - loss: 0.0441 - acc: 0.9866
2905	82/160	[=====>.....]	- ETA: 1:20 - loss: 0.0446 - acc: 0.9864
2906	83/160	[=====>.....]	- ETA: 1:20 - loss: 0.0450 - acc: 0.9862
2907	84/160	[=====>.....]	- ETA: 1:19 - loss: 0.0446 - acc: 0.9864
2908	85/160	[=====>.....]	- ETA: 1:18 - loss: 0.0449 - acc: 0.9864
2909	86/160	[=====>.....]	- ETA: 1:17 - loss: 0.0445 - acc: 0.9866
2910	87/160	[=====>.....]	- ETA: 1:16 - loss: 0.0442 - acc: 0.9867
2911	88/160	[=====>.....]	- ETA: 1:15 - loss: 0.0441 - acc: 0.9867
2912	89/160	[=====>.....]	- ETA: 1:15 - loss: 0.0445 - acc: 0.9866
2913	90/160	[=====>.....]	- ETA: 1:14 - loss: 0.0459 - acc: 0.9858
2914	91/160	[=====>.....]	- ETA: 1:13 - loss: 0.0455 - acc: 0.9860
2915	92/160	[=====>.....]	- ETA: 1:12 - loss: 0.0452 - acc: 0.9862
2916	93/160	[=====>.....]	- ETA: 1:11 - loss: 0.0455 - acc: 0.9862
2917	94/160	[=====>.....]	- ETA: 1:11 - loss: 0.0459 - acc: 0.9862
2918	95/160	[=====>.....]	- ETA: 1:10 - loss: 0.0457 - acc: 0.9863
2919	96/160	[=====>.....]	- ETA: 1:09 - loss: 0.0460 - acc: 0.9864
2920	97/160	[=====>.....]	- ETA: 1:08 - loss: 0.0458 - acc: 0.9865
2921	98/160	[=====>.....]	- ETA: 1:07 - loss: 0.0458 - acc: 0.9865
2922	99/160	[=====>.....]	- ETA: 1:06 - loss: 0.0458 - acc: 0.9864
2923	100/160	[=====>.....]	- ETA: 1:05 - loss: 0.0458 - acc: 0.9865
2924	101/160	[=====>.....]	- ETA: 1:04 - loss: 0.0457 - acc: 0.9866
2925	102/160	[=====>.....]	- ETA: 1:03 - loss: 0.0458 - acc: 0.9866
2926	103/160	[=====>.....]	- ETA: 1:02 - loss: 0.0461 - acc: 0.9865
2927	104/160	[=====>.....]	- ETA: 1:01 - loss: 0.0458 - acc: 0.9866
2928	105/160	[=====>.....]	- ETA: 1:00 - loss: 0.0455 - acc: 0.9867
2929	106/160	[=====>.....]	- ETA: 59s - loss: 0.0451 - acc: 0.9869
2930	107/160	[=====>.....]	- ETA: 59s - loss: 0.0451 - acc: 0.9868
2931	108/160	[=====>.....]	- ETA: 58s - loss: 0.0452 - acc: 0.9867
2932	109/160	[=====>.....]	- ETA: 57s - loss: 0.0454 - acc: 0.9865
2933	110/160	[=====>.....]	- ETA: 56s - loss: 0.0456 - acc: 0.9864
2934	111/160	[=====>.....]	- ETA: 54s - loss: 0.0453 - acc: 0.9865
2935	112/160	[=====>.....]	- ETA: 53s - loss: 0.0455 - acc: 0.9863
2936	113/160	[=====>.....]	- ETA: 52s - loss: 0.0451 - acc: 0.9864
2937	114/160	[=====>.....]	- ETA: 51s - loss: 0.0449 - acc: 0.9864
2938	115/160	[=====>.....]	- ETA: 50s - loss: 0.0448 - acc: 0.9864
2939	116/160	[=====>.....]	- ETA: 49s - loss: 0.0447 - acc: 0.9865
2940	117/160	[=====>.....]	- ETA: 48s - loss: 0.0451 - acc: 0.9863
2941	118/160	[=====>.....]	- ETA: 47s - loss: 0.0451 - acc: 0.9863
2942	119/160	[=====>.....]	- ETA: 46s - loss: 0.0450 - acc: 0.9864
2943	120/160	[=====>.....]	- ETA: 45s - loss: 0.0449 - acc: 0.9864
2944	121/160	[=====>.....]	- ETA: 44s - loss: 0.0448 - acc: 0.9864
2945	122/160	[=====>.....]	- ETA: 43s - loss: 0.0445 - acc: 0.9865
2946	123/160	[=====>.....]	- ETA: 42s - loss: 0.0444 - acc: 0.9864
2947	124/160	[=====>.....]	- ETA: 41s - loss: 0.0441 - acc: 0.9866
2948	125/160	[=====>.....]	- ETA: 40s - loss: 0.0438 - acc: 0.9867
2949	126/160	[=====>.....]	- ETA: 39s - loss: 0.0444 - acc: 0.9867
2950	127/160	[=====>.....]	- ETA: 38s - loss: 0.0450 - acc: 0.9867
2951	128/160	[=====>.....]	- ETA: 37s - loss: 0.0448 - acc: 0.9868
2952	129/160	[=====>.....]	- ETA: 35s - loss: 0.0446 - acc: 0.9869
2953	130/160	[=====>.....]	- ETA: 34s - loss: 0.0444 - acc: 0.9870
2954	131/160	[=====>.....]	- ETA: 33s - loss: 0.0443 - acc: 0.9869
2955	132/160	[=====>.....]	- ETA: 32s - loss: 0.0443 - acc: 0.9869
2956	133/160	[=====>.....]	- ETA: 31s - loss: 0.0441 - acc: 0.9870
2957	134/160	[=====>.....]	- ETA: 30s - loss: 0.0438 - acc: 0.9871

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2958 135/160 [=====>.....] - ETA: 29s - loss: 0.0435 - acc: 0.9872
2959 136/160 [=====>.....] - ETA: 28s - loss: 0.0435 - acc: 0.9871
2960 137/160 [=====>.....] - ETA: 26s - loss: 0.0434 - acc: 0.9871
2961 138/160 [=====>.....] - ETA: 25s - loss: 0.0433 - acc: 0.9871
2962 139/160 [=====>.....] - ETA: 24s - loss: 0.0430 - acc: 0.9872
2963 140/160 [=====>.....] - ETA: 23s - loss: 0.0431 - acc: 0.9872
2964 141/160 [=====>.....] - ETA: 22s - loss: 0.0429 - acc: 0.9873
2965 142/160 [=====>.....] - ETA: 21s - loss: 0.0428 - acc: 0.9873
2966 143/160 [=====>.....] - ETA: 20s - loss: 0.0429 - acc: 0.9873
2967 144/160 [=====>.....] - ETA: 18s - loss: 0.0429 - acc: 0.9873
2968 145/160 [=====>.....] - ETA: 17s - loss: 0.0427 - acc: 0.9874
2969 146/160 [=====>.....] - ETA: 16s - loss: 0.0427 - acc: 0.9874
2970 147/160 [=====>.....] - ETA: 15s - loss: 0.0432 - acc: 0.9872
2971 148/160 [=====>.....] - ETA: 14s - loss: 0.0431 - acc: 0.9871
2972 149/160 [=====>.....] - ETA: 13s - loss: 0.0429 - acc: 0.9872
2973 150/160 [=====>.....] - ETA: 11s - loss: 0.0428 - acc: 0.9873
2974 151/160 [=====>.....] - ETA: 10s - loss: 0.0426 - acc: 0.9874
2975 152/160 [=====>.....] - ETA: 9s - loss: 0.0428 - acc: 0.9872
2976 153/160 [=====>.....] - ETA: 8s - loss: 0.0433 - acc: 0.9871
2977 154/160 [=====>.....] - ETA: 7s - loss: 0.0438 - acc: 0.9870
2978 155/160 [=====>.....] - ETA: 5s - loss: 0.0439 - acc: 0.9870
2979 156/160 [=====>.....] - ETA: 4s - loss: 0.0439 - acc: 0.9871
2980 157/160 [=====>.....] - ETA: 3s - loss: 0.0442 - acc: 0.9870
2981 158/160 [=====>.....] - ETA: 2s - loss: 0.0442 - acc: 0.9870
2982 159/160 [=====>.....] - ETA: 1s - loss: 0.0442 - acc: 0.9870
2983 160/160 [=====] - 235s 1s/step - loss: 0.0444 - acc: 0.9868 - val_loss: 0.
0391 - val_acc: 0.9940
2984 Epoch 19/23
2985
2986 1/160 [.....] - ETA: 1:47 - loss: 0.0406 - acc: 0.9762
2987 2/160 [.....] - ETA: 1:44 - loss: 0.0258 - acc: 0.9881
2988 3/160 [.....] - ETA: 1:44 - loss: 0.0281 - acc: 0.9921
2989 4/160 [.....] - ETA: 1:43 - loss: 0.0623 - acc: 0.9881
2990 5/160 [.....] - ETA: 1:42 - loss: 0.0638 - acc: 0.9881
2991 6/160 [>.....] - ETA: 1:42 - loss: 0.0636 - acc: 0.9841
2992 7/160 [>.....] - ETA: 1:41 - loss: 0.0639 - acc: 0.9813
2993 8/160 [>.....] - ETA: 1:40 - loss: 0.0596 - acc: 0.9807
2994 9/160 [>.....] - ETA: 1:40 - loss: 0.0546 - acc: 0.9828
2995 10/160 [>.....] - ETA: 1:39 - loss: 0.0520 - acc: 0.9833
2996 11/160 [=>.....] - ETA: 1:38 - loss: 0.0480 - acc: 0.9848
2997 12/160 [=>.....] - ETA: 1:37 - loss: 0.0470 - acc: 0.9851
2998 13/160 [=>.....] - ETA: 1:36 - loss: 0.0471 - acc: 0.9853
2999 14/160 [=>.....] - ETA: 1:36 - loss: 0.0468 - acc: 0.9847
3000 15/160 [=>.....] - ETA: 1:35 - loss: 0.0464 - acc: 0.9849
3001 16/160 [==>.....] - ETA: 1:35 - loss: 0.0437 - acc: 0.9859
3002 17/160 [==>.....] - ETA: 1:34 - loss: 0.0423 - acc: 0.9867
3003 18/160 [==>.....] - ETA: 1:33 - loss: 0.0408 - acc: 0.9874
3004 19/160 [==>.....] - ETA: 1:33 - loss: 0.0391 - acc: 0.9881
3005 20/160 [==>.....] - ETA: 1:32 - loss: 0.0380 - acc: 0.9881
3006 21/160 [==>.....] - ETA: 1:31 - loss: 0.0399 - acc: 0.9881
3007 22/160 [==>.....] - ETA: 1:31 - loss: 0.0417 - acc: 0.9881
3008 23/160 [==>.....] - ETA: 1:30 - loss: 0.0446 - acc: 0.9876
3009 24/160 [==>.....] - ETA: 1:29 - loss: 0.0447 - acc: 0.9871
3010 25/160 [==>.....] - ETA: 1:29 - loss: 0.0437 - acc: 0.9876
3011 26/160 [==>.....] - ETA: 1:28 - loss: 0.0430 - acc: 0.9876
3012 27/160 [====>.....] - ETA: 1:27 - loss: 0.0425 - acc: 0.9877
3013 28/160 [====>.....] - ETA: 1:27 - loss: 0.0421 - acc: 0.9877
3014 29/160 [====>.....] - ETA: 1:26 - loss: 0.0419 - acc: 0.9877
3015 30/160 [====>.....] - ETA: 1:25 - loss: 0.0412 - acc: 0.9877
3016 31/160 [====>.....] - ETA: 1:25 - loss: 0.0404 - acc: 0.9881
3017 32/160 [====>.....] - ETA: 1:24 - loss: 0.0457 - acc: 0.9874
3018 33/160 [====>.....] - ETA: 1:23 - loss: 0.0455 - acc: 0.9874
3019 34/160 [====>.....] - ETA: 1:23 - loss: 0.0444 - acc: 0.9877
3020 35/160 [====>.....] - ETA: 1:22 - loss: 0.0436 - acc: 0.9878
3021 36/160 [====>.....] - ETA: 1:21 - loss: 0.0429 - acc: 0.9881
3022 37/160 [====>.....] - ETA: 1:21 - loss: 0.0439 - acc: 0.9881
3023 38/160 [====>.....] - ETA: 1:20 - loss: 0.0439 - acc: 0.9878
3024 39/160 [====>.....] - ETA: 1:19 - loss: 0.0432 - acc: 0.9881
3025 40/160 [====>.....] - ETA: 1:19 - loss: 0.0429 - acc: 0.9881
3026 41/160 [====>.....] - ETA: 1:18 - loss: 0.0422 - acc: 0.9884
3027 42/160 [====>.....] - ETA: 1:17 - loss: 0.0421 - acc: 0.9881
3028 43/160 [====>.....] - ETA: 1:17 - loss: 0.0417 - acc: 0.9881
3029 44/160 [====>.....] - ETA: 1:16 - loss: 0.0414 - acc: 0.9881
3030 45/160 [====>.....] - ETA: 1:15 - loss: 0.0408 - acc: 0.9884
3031 46/160 [====>.....] - ETA: 1:15 - loss: 0.0414 - acc: 0.9878
3032 47/160 [====>.....] - ETA: 1:14 - loss: 0.0411 - acc: 0.9878
3033 48/160 [====>.....] - ETA: 1:13 - loss: 0.0413 - acc: 0.9876

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3034	49/160	[=====>.....]	- ETA: 1:13 - loss: 0.0406 - acc: 0.9879
3035	50/160	[=====>.....]	- ETA: 1:12 - loss: 0.0406 - acc: 0.9879
3036	51/160	[=====>.....]	- ETA: 1:11 - loss: 0.0402 - acc: 0.9881
3037	52/160	[=====>.....]	- ETA: 1:11 - loss: 0.0402 - acc: 0.9881
3038	53/160	[=====>.....]	- ETA: 1:10 - loss: 0.0402 - acc: 0.9879
3039	54/160	[=====>.....]	- ETA: 1:09 - loss: 0.0404 - acc: 0.9879
3040	55/160	[=====>.....]	- ETA: 1:09 - loss: 0.0402 - acc: 0.9879
3041	56/160	[=====>.....]	- ETA: 1:08 - loss: 0.0403 - acc: 0.9877
3042	57/160	[=====>.....]	- ETA: 1:08 - loss: 0.0401 - acc: 0.9877
3043	58/160	[=====>.....]	- ETA: 1:07 - loss: 0.0403 - acc: 0.9875
3044	59/160	[=====>.....]	- ETA: 1:06 - loss: 0.0404 - acc: 0.9873
3045	60/160	[=====>.....]	- ETA: 1:06 - loss: 0.0401 - acc: 0.9873
3046	61/160	[=====>.....]	- ETA: 1:05 - loss: 0.0399 - acc: 0.9871
3047	62/160	[=====>.....]	- ETA: 1:04 - loss: 0.0403 - acc: 0.9871
3048	63/160	[=====>.....]	- ETA: 1:04 - loss: 0.0417 - acc: 0.9868
3049	64/160	[=====>.....]	- ETA: 1:03 - loss: 0.0412 - acc: 0.9870
3050	65/160	[=====>.....]	- ETA: 1:02 - loss: 0.0412 - acc: 0.9868
3051	66/160	[=====>.....]	- ETA: 1:02 - loss: 0.0408 - acc: 0.9870
3052	67/160	[=====>.....]	- ETA: 1:01 - loss: 0.0403 - acc: 0.9872
3053	68/160	[=====>.....]	- ETA: 1:00 - loss: 0.0405 - acc: 0.9872
3054	69/160	[=====>.....]	- ETA: 1:00 - loss: 0.0401 - acc: 0.9874
3055	70/160	[=====>.....]	- ETA: 59s - loss: 0.0396 - acc: 0.9876
3056	71/160	[=====>.....]	- ETA: 59s - loss: 0.0400 - acc: 0.9873
3057	72/160	[=====>.....]	- ETA: 58s - loss: 0.0398 - acc: 0.9873
3058	73/160	[=====>.....]	- ETA: 58s - loss: 0.0395 - acc: 0.9874
3059	74/160	[=====>.....]	- ETA: 57s - loss: 0.0394 - acc: 0.9875
3060	75/160	[=====>.....]	- ETA: 57s - loss: 0.0391 - acc: 0.9875
3061	76/160	[=====>.....]	- ETA: 56s - loss: 0.0395 - acc: 0.9872
3062	77/160	[=====>.....]	- ETA: 56s - loss: 0.0392 - acc: 0.9873
3063	78/160	[=====>.....]	- ETA: 55s - loss: 0.0388 - acc: 0.9875
3064	79/160	[=====>.....]	- ETA: 54s - loss: 0.0387 - acc: 0.9875
3065	80/160	[=====>.....]	- ETA: 53s - loss: 0.0391 - acc: 0.9874
3066	81/160	[=====>.....]	- ETA: 53s - loss: 0.0393 - acc: 0.9873
3067	82/160	[=====>.....]	- ETA: 52s - loss: 0.0397 - acc: 0.9872
3068	83/160	[=====>.....]	- ETA: 52s - loss: 0.0396 - acc: 0.9870
3069	84/160	[=====>.....]	- ETA: 51s - loss: 0.0395 - acc: 0.9871
3070	85/160	[=====>.....]	- ETA: 50s - loss: 0.0395 - acc: 0.9871
3071	86/160	[=====>.....]	- ETA: 50s - loss: 0.0392 - acc: 0.9872
3072	87/160	[=====>.....]	- ETA: 49s - loss: 0.0394 - acc: 0.9871
3073	88/160	[=====>.....]	- ETA: 48s - loss: 0.0393 - acc: 0.9871
3074	89/160	[=====>.....]	- ETA: 48s - loss: 0.0396 - acc: 0.9868
3075	90/160	[=====>.....]	- ETA: 47s - loss: 0.0397 - acc: 0.9867
3076	91/160	[=====>.....]	- ETA: 46s - loss: 0.0394 - acc: 0.9869
3077	92/160	[=====>.....]	- ETA: 46s - loss: 0.0390 - acc: 0.9870
3078	93/160	[=====>.....]	- ETA: 45s - loss: 0.0388 - acc: 0.9872
3079	94/160	[=====>.....]	- ETA: 45s - loss: 0.0386 - acc: 0.9872
3080	95/160	[=====>.....]	- ETA: 44s - loss: 0.0391 - acc: 0.9869
3081	96/160	[=====>.....]	- ETA: 43s - loss: 0.0388 - acc: 0.9871
3082	97/160	[=====>.....]	- ETA: 43s - loss: 0.0389 - acc: 0.9871
3083	98/160	[=====>.....]	- ETA: 42s - loss: 0.0391 - acc: 0.9870
3084	99/160	[=====>.....]	- ETA: 41s - loss: 0.0389 - acc: 0.9870
3085	100/160	[=====>.....]	- ETA: 41s - loss: 0.0396 - acc: 0.9869
3086	101/160	[=====>.....]	- ETA: 40s - loss: 0.0395 - acc: 0.9868
3087	102/160	[=====>.....]	- ETA: 39s - loss: 0.0403 - acc: 0.9867
3088	103/160	[=====>.....]	- ETA: 39s - loss: 0.0401 - acc: 0.9868
3089	104/160	[=====>.....]	- ETA: 38s - loss: 0.0398 - acc: 0.9869
3090	105/160	[=====>.....]	- ETA: 37s - loss: 0.0397 - acc: 0.9869
3091	106/160	[=====>.....]	- ETA: 37s - loss: 0.0394 - acc: 0.9870
3092	107/160	[=====>.....]	- ETA: 36s - loss: 0.0394 - acc: 0.9869
3093	108/160	[=====>.....]	- ETA: 35s - loss: 0.0391 - acc: 0.9871
3094	109/160	[=====>.....]	- ETA: 35s - loss: 0.0388 - acc: 0.9872
3095	110/160	[=====>.....]	- ETA: 34s - loss: 0.0386 - acc: 0.9872
3096	111/160	[=====>.....]	- ETA: 33s - loss: 0.0385 - acc: 0.9872
3097	112/160	[=====>.....]	- ETA: 33s - loss: 0.0383 - acc: 0.9872
3098	113/160	[=====>.....]	- ETA: 32s - loss: 0.0383 - acc: 0.9872
3099	114/160	[=====>.....]	- ETA: 31s - loss: 0.0382 - acc: 0.9872
3100	115/160	[=====>.....]	- ETA: 31s - loss: 0.0379 - acc: 0.9873
3101	116/160	[=====>.....]	- ETA: 30s - loss: 0.0378 - acc: 0.9873
3102	117/160	[=====>.....]	- ETA: 29s - loss: 0.0377 - acc: 0.9873
3103	118/160	[=====>.....]	- ETA: 29s - loss: 0.0397 - acc: 0.9873
3104	119/160	[=====>.....]	- ETA: 28s - loss: 0.0394 - acc: 0.9874
3105	120/160	[=====>.....]	- ETA: 27s - loss: 0.0399 - acc: 0.9874
3106	121/160	[=====>.....]	- ETA: 27s - loss: 0.0398 - acc: 0.9873
3107	122/160	[=====>.....]	- ETA: 26s - loss: 0.0401 - acc: 0.9872
3108	123/160	[=====>.....]	- ETA: 25s - loss: 0.0398 - acc: 0.9873
3109	124/160	[=====>.....]	- ETA: 25s - loss: 0.0396 - acc: 0.9874
3110	125/160	[=====>.....]	- ETA: 24s - loss: 0.0406 - acc: 0.9870

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3111 126/160 [=====>.....] - ETA: 23s - loss: 0.0403 - acc: 0.9871
3112 127/160 [=====>.....] - ETA: 22s - loss: 0.0403 - acc: 0.9871
3113 128/160 [=====>.....] - ETA: 22s - loss: 0.0408 - acc: 0.9870
3114 129/160 [=====>.....] - ETA: 21s - loss: 0.0408 - acc: 0.9870
3115 130/160 [=====>.....] - ETA: 20s - loss: 0.0408 - acc: 0.9871
3116 131/160 [=====>.....] - ETA: 20s - loss: 0.0407 - acc: 0.9872
3117 132/160 [=====>.....] - ETA: 19s - loss: 0.0405 - acc: 0.9873
3118 133/160 [=====>.....] - ETA: 18s - loss: 0.0403 - acc: 0.9873
3119 134/160 [=====>.....] - ETA: 18s - loss: 0.0403 - acc: 0.9874
3120 135/160 [=====>.....] - ETA: 17s - loss: 0.0404 - acc: 0.9874
3121 136/160 [=====>.....] - ETA: 16s - loss: 0.0402 - acc: 0.9875
3122 137/160 [=====>.....] - ETA: 16s - loss: 0.0401 - acc: 0.9875
3123 138/160 [=====>.....] - ETA: 15s - loss: 0.0400 - acc: 0.9875
3124 139/160 [=====>.....] - ETA: 14s - loss: 0.0399 - acc: 0.9876
3125 140/160 [=====>.....] - ETA: 14s - loss: 0.0399 - acc: 0.9876
3126 141/160 [=====>.....] - ETA: 13s - loss: 0.0398 - acc: 0.9876
3127 142/160 [=====>.....] - ETA: 12s - loss: 0.0397 - acc: 0.9876
3128 143/160 [=====>.....] - ETA: 12s - loss: 0.0398 - acc: 0.9875
3129 144/160 [=====>.....] - ETA: 11s - loss: 0.0396 - acc: 0.9876
3130 145/160 [=====>.....] - ETA: 10s - loss: 0.0393 - acc: 0.9877
3131 146/160 [=====>.....] - ETA: 9s - loss: 0.0393 - acc: 0.9877
3132 147/160 [=====>.....] - ETA: 9s - loss: 0.0391 - acc: 0.9877
3133 148/160 [=====>.....] - ETA: 8s - loss: 0.0390 - acc: 0.9877
3134 149/160 [=====>.....] - ETA: 7s - loss: 0.0396 - acc: 0.9875
3135 150/160 [=====>.....] - ETA: 7s - loss: 0.0397 - acc: 0.9875
3136 151/160 [=====>.....] - ETA: 6s - loss: 0.0395 - acc: 0.9875
3137 152/160 [=====>.....] - ETA: 5s - loss: 0.0393 - acc: 0.9876
3138 153/160 [=====>.....] - ETA: 5s - loss: 0.0391 - acc: 0.9877
3139 154/160 [=====>.....] - ETA: 4s - loss: 0.0390 - acc: 0.9877
3140 155/160 [=====>.....] - ETA: 3s - loss: 0.0389 - acc: 0.9878
3141 156/160 [=====>.....] - ETA: 2s - loss: 0.0388 - acc: 0.9878
3142 157/160 [=====>.....] - ETA: 2s - loss: 0.0386 - acc: 0.9878
3143 158/160 [=====>.....] - ETA: 1s - loss: 0.0391 - acc: 0.9878
3144 159/160 [=====>.....] - ETA: 0s - loss: 0.0390 - acc: 0.9878
3145 160/160 [=====] - 157s 981ms/step - loss: 0.0390 - acc: 0.9878 - val_loss: 0.1676 - val_acc: 0.9462
3146 Epoch 20/23
3147
3148 1/160 [.....] - ETA: 1:47 - loss: 0.0101 - acc: 1.0000
3149 2/160 [.....] - ETA: 1:47 - loss: 0.0174 - acc: 0.9940
3150 3/160 [.....] - ETA: 1:44 - loss: 0.0570 - acc: 0.9881
3151 4/160 [.....] - ETA: 1:43 - loss: 0.0458 - acc: 0.9911
3152 5/160 [.....] - ETA: 1:41 - loss: 0.0397 - acc: 0.9929
3153 6/160 [>.....] - ETA: 1:39 - loss: 0.0487 - acc: 0.9901
3154 7/160 [>.....] - ETA: 1:38 - loss: 0.0478 - acc: 0.9898
3155 8/160 [>.....] - ETA: 1:38 - loss: 0.0452 - acc: 0.9896
3156 9/160 [>.....] - ETA: 1:37 - loss: 0.0429 - acc: 0.9907
3157 10/160 [>.....] - ETA: 1:37 - loss: 0.0394 - acc: 0.9917
3158 11/160 [=>.....] - ETA: 1:36 - loss: 0.0383 - acc: 0.9913
3159 12/160 [=>.....] - ETA: 1:36 - loss: 0.0474 - acc: 0.9871
3160 13/160 [=>.....] - ETA: 1:35 - loss: 0.0455 - acc: 0.9872
3161 14/160 [=>.....] - ETA: 1:34 - loss: 0.0469 - acc: 0.9864
3162 15/160 [=>.....] - ETA: 1:34 - loss: 0.0519 - acc: 0.9849
3163 16/160 [==>.....] - ETA: 1:33 - loss: 0.0535 - acc: 0.9836
3164 17/160 [==>.....] - ETA: 1:32 - loss: 0.0520 - acc: 0.9839
3165 18/160 [==>.....] - ETA: 1:32 - loss: 0.0497 - acc: 0.9848
3166 19/160 [==>.....] - ETA: 1:31 - loss: 0.0476 - acc: 0.9856
3167 20/160 [==>.....] - ETA: 1:30 - loss: 0.0471 - acc: 0.9857
3168 21/160 [==>.....] - ETA: 1:30 - loss: 0.0472 - acc: 0.9853
3169 22/160 [==>.....] - ETA: 1:29 - loss: 0.0467 - acc: 0.9848
3170 23/160 [==>.....] - ETA: 1:28 - loss: 0.0451 - acc: 0.9855
3171 24/160 [==>.....] - ETA: 1:28 - loss: 0.0438 - acc: 0.9861
3172 25/160 [==>.....] - ETA: 1:27 - loss: 0.0480 - acc: 0.9857
3173 26/160 [==>.....] - ETA: 1:26 - loss: 0.0470 - acc: 0.9858
3174 27/160 [==>.....] - ETA: 1:26 - loss: 0.0463 - acc: 0.9859
3175 28/160 [====>.....] - ETA: 1:25 - loss: 0.0451 - acc: 0.9864
3176 29/160 [====>.....] - ETA: 1:24 - loss: 0.0447 - acc: 0.9860
3177 30/160 [====>.....] - ETA: 1:24 - loss: 0.0436 - acc: 0.9865
3178 31/160 [====>.....] - ETA: 1:23 - loss: 0.0439 - acc: 0.9866
3179 32/160 [====>.....] - ETA: 1:23 - loss: 0.0465 - acc: 0.9859
3180 33/160 [====>.....] - ETA: 1:23 - loss: 0.0454 - acc: 0.9863
3181 34/160 [====>.....] - ETA: 1:23 - loss: 0.0468 - acc: 0.9863
3182 35/160 [====>.....] - ETA: 1:23 - loss: 0.0467 - acc: 0.9864
3183 36/160 [====>.....] - ETA: 1:22 - loss: 0.0455 - acc: 0.9868
3184 37/160 [====>.....] - ETA: 1:22 - loss: 0.0480 - acc: 0.9868
3185 38/160 [====>.....] - ETA: 1:22 - loss: 0.0475 - acc: 0.9872
3186 39/160 [====>.....] - ETA: 1:22 - loss: 0.0476 - acc: 0.9872

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3187	40/160	[=====>.....]	- ETA: 1:22 - loss: 0.0470 - acc: 0.9872
3188	41/160	[=====>.....]	- ETA: 1:22 - loss: 0.0465 - acc: 0.9872
3189	42/160	[=====>.....]	- ETA: 1:21 - loss: 0.0468 - acc: 0.9870
3190	43/160	[=====>.....]	- ETA: 1:21 - loss: 0.0458 - acc: 0.9873
3191	44/160	[=====>.....]	- ETA: 1:20 - loss: 0.0452 - acc: 0.9873
3192	45/160	[=====>.....]	- ETA: 1:20 - loss: 0.0444 - acc: 0.9876
3193	46/160	[=====>.....]	- ETA: 1:20 - loss: 0.0436 - acc: 0.9878
3194	47/160	[=====>.....]	- ETA: 1:19 - loss: 0.0435 - acc: 0.9876
3195	48/160	[=====>.....]	- ETA: 1:19 - loss: 0.0429 - acc: 0.9878
3196	49/160	[=====>.....]	- ETA: 1:18 - loss: 0.0428 - acc: 0.9876
3197	50/160	[=====>.....]	- ETA: 1:18 - loss: 0.0446 - acc: 0.9871
3198	51/160	[=====>.....]	- ETA: 1:17 - loss: 0.0440 - acc: 0.9874
3199	52/160	[=====>.....]	- ETA: 1:17 - loss: 0.0439 - acc: 0.9872
3200	53/160	[=====>.....]	- ETA: 1:16 - loss: 0.0441 - acc: 0.9870
3201	54/160	[=====>.....]	- ETA: 1:16 - loss: 0.0438 - acc: 0.9870
3202	55/160	[=====>.....]	- ETA: 1:15 - loss: 0.0434 - acc: 0.9870
3203	56/160	[=====>.....]	- ETA: 1:15 - loss: 0.0427 - acc: 0.9872
3204	57/160	[=====>.....]	- ETA: 1:14 - loss: 0.0422 - acc: 0.9875
3205	58/160	[=====>.....]	- ETA: 1:14 - loss: 0.0421 - acc: 0.9873
3206	59/160	[=====>.....]	- ETA: 1:13 - loss: 0.0426 - acc: 0.9869
3207	60/160	[=====>.....]	- ETA: 1:13 - loss: 0.0422 - acc: 0.9869
3208	61/160	[=====>.....]	- ETA: 1:12 - loss: 0.0425 - acc: 0.9869
3209	62/160	[=====>.....]	- ETA: 1:12 - loss: 0.0428 - acc: 0.9869
3210	63/160	[=====>.....]	- ETA: 1:11 - loss: 0.0426 - acc: 0.9870
3211	64/160	[=====>.....]	- ETA: 1:11 - loss: 0.0421 - acc: 0.9872
3212	65/160	[=====>.....]	- ETA: 1:10 - loss: 0.0417 - acc: 0.9874
3213	66/160	[=====>.....]	- ETA: 1:10 - loss: 0.0415 - acc: 0.9874
3214	67/160	[=====>.....]	- ETA: 1:09 - loss: 0.0414 - acc: 0.9874
3215	68/160	[=====>.....]	- ETA: 1:09 - loss: 0.0410 - acc: 0.9876
3216	69/160	[=====>.....]	- ETA: 1:08 - loss: 0.0412 - acc: 0.9874
3217	70/160	[=====>.....]	- ETA: 1:07 - loss: 0.0408 - acc: 0.9876
3218	71/160	[=====>.....]	- ETA: 1:07 - loss: 0.0404 - acc: 0.9878
3219	72/160	[=====>.....]	- ETA: 1:06 - loss: 0.0412 - acc: 0.9876
3220	73/160	[=====>.....]	- ETA: 1:06 - loss: 0.0408 - acc: 0.9878
3221	74/160	[=====>.....]	- ETA: 1:05 - loss: 0.0405 - acc: 0.9878
3222	75/160	[=====>.....]	- ETA: 1:04 - loss: 0.0404 - acc: 0.9878
3223	76/160	[=====>.....]	- ETA: 1:04 - loss: 0.0407 - acc: 0.9876
3224	77/160	[=====>.....]	- ETA: 1:03 - loss: 0.0403 - acc: 0.9878
3225	78/160	[=====>.....]	- ETA: 1:02 - loss: 0.0406 - acc: 0.9878
3226	79/160	[=====>.....]	- ETA: 1:02 - loss: 0.0401 - acc: 0.9879
3227	80/160	[=====>.....]	- ETA: 1:01 - loss: 0.0398 - acc: 0.9881
3228	81/160	[=====>.....]	- ETA: 1:00 - loss: 0.0395 - acc: 0.9882
3229	82/160	[=====>.....]	- ETA: 1:00 - loss: 0.0392 - acc: 0.9884
3230	83/160	[=====>.....]	- ETA: 59s - loss: 0.0388 - acc: 0.9885
3231	84/160	[=====>.....]	- ETA: 59s - loss: 0.0385 - acc: 0.9887
3232	85/160	[=====>.....]	- ETA: 58s - loss: 0.0381 - acc: 0.9888
3233	86/160	[=====>.....]	- ETA: 57s - loss: 0.0378 - acc: 0.9889
3234	87/160	[=====>.....]	- ETA: 56s - loss: 0.0381 - acc: 0.9888
3235	88/160	[=====>.....]	- ETA: 56s - loss: 0.0378 - acc: 0.9889
3236	89/160	[=====>.....]	- ETA: 55s - loss: 0.0375 - acc: 0.9890
3237	90/160	[=====>.....]	- ETA: 54s - loss: 0.0376 - acc: 0.9890
3238	91/160	[=====>.....]	- ETA: 54s - loss: 0.0374 - acc: 0.9891
3239	92/160	[=====>.....]	- ETA: 53s - loss: 0.0371 - acc: 0.9891
3240	93/160	[=====>.....]	- ETA: 52s - loss: 0.0370 - acc: 0.9891
3241	94/160	[=====>.....]	- ETA: 52s - loss: 0.0370 - acc: 0.9890
3242	95/160	[=====>.....]	- ETA: 51s - loss: 0.0372 - acc: 0.9888
3243	96/160	[=====>.....]	- ETA: 50s - loss: 0.0376 - acc: 0.9888
3244	97/160	[=====>.....]	- ETA: 49s - loss: 0.0373 - acc: 0.9890
3245	98/160	[=====>.....]	- ETA: 49s - loss: 0.0370 - acc: 0.9891
3246	99/160	[=====>.....]	- ETA: 48s - loss: 0.0367 - acc: 0.9892
3247	100/160	[=====>.....]	- ETA: 47s - loss: 0.0365 - acc: 0.9893
3248	101/160	[=====>.....]	- ETA: 46s - loss: 0.0371 - acc: 0.9889
3249	102/160	[=====>.....]	- ETA: 46s - loss: 0.0368 - acc: 0.9890
3250	103/160	[=====>.....]	- ETA: 45s - loss: 0.0365 - acc: 0.9891
3251	104/160	[=====>.....]	- ETA: 44s - loss: 0.0364 - acc: 0.9891
3252	105/160	[=====>.....]	- ETA: 43s - loss: 0.0368 - acc: 0.9890
3253	106/160	[=====>.....]	- ETA: 43s - loss: 0.0369 - acc: 0.9889
3254	107/160	[=====>.....]	- ETA: 42s - loss: 0.0367 - acc: 0.9890
3255	108/160	[=====>.....]	- ETA: 41s - loss: 0.0366 - acc: 0.9890
3256	109/160	[=====>.....]	- ETA: 40s - loss: 0.0365 - acc: 0.9890
3257	110/160	[=====>.....]	- ETA: 40s - loss: 0.0364 - acc: 0.9890
3258	111/160	[=====>.....]	- ETA: 39s - loss: 0.0373 - acc: 0.9888
3259	112/160	[=====>.....]	- ETA: 38s - loss: 0.0382 - acc: 0.9885
3260	113/160	[=====>.....]	- ETA: 37s - loss: 0.0380 - acc: 0.9885
3261	114/160	[=====>.....]	- ETA: 36s - loss: 0.0381 - acc: 0.9885
3262	115/160	[=====>.....]	- ETA: 36s - loss: 0.0381 - acc: 0.9885
3263	116/160	[=====>.....]	- ETA: 35s - loss: 0.0388 - acc: 0.9882

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3264 117/160 [=====>.....] - ETA: 34s - loss: 0.0391 - acc: 0.9881
3265 118/160 [=====>.....] - ETA: 33s - loss: 0.0390 - acc: 0.9882
3266 119/160 [=====>.....] - ETA: 33s - loss: 0.0394 - acc: 0.9881
3267 120/160 [=====>.....] - ETA: 32s - loss: 0.0395 - acc: 0.9880
3268 121/160 [=====>.....] - ETA: 31s - loss: 0.0398 - acc: 0.9878
3269 122/160 [=====>.....] - ETA: 30s - loss: 0.0403 - acc: 0.9876
3270 123/160 [=====>.....] - ETA: 30s - loss: 0.0407 - acc: 0.9876
3271 124/160 [=====>.....] - ETA: 29s - loss: 0.0414 - acc: 0.9875
3272 125/160 [=====>.....] - ETA: 28s - loss: 0.0412 - acc: 0.9876
3273 126/160 [=====>.....] - ETA: 27s - loss: 0.0412 - acc: 0.9876
3274 127/160 [=====>.....] - ETA: 27s - loss: 0.0411 - acc: 0.9876
3275 128/160 [=====>.....] - ETA: 26s - loss: 0.0409 - acc: 0.9877
3276 129/160 [=====>.....] - ETA: 25s - loss: 0.0413 - acc: 0.9875
3277 130/160 [=====>.....] - ETA: 24s - loss: 0.0413 - acc: 0.9875
3278 131/160 [=====>.....] - ETA: 23s - loss: 0.0414 - acc: 0.9875
3279 132/160 [=====>.....] - ETA: 23s - loss: 0.0412 - acc: 0.9876
3280 133/160 [=====>.....] - ETA: 22s - loss: 0.0411 - acc: 0.9876
3281 134/160 [=====>.....] - ETA: 21s - loss: 0.0417 - acc: 0.9874
3282 135/160 [=====>.....] - ETA: 20s - loss: 0.0419 - acc: 0.9871
3283 136/160 [=====>.....] - ETA: 19s - loss: 0.0419 - acc: 0.9871
3284 137/160 [=====>.....] - ETA: 19s - loss: 0.0417 - acc: 0.9872
3285 138/160 [=====>.....] - ETA: 18s - loss: 0.0419 - acc: 0.9871
3286 139/160 [=====>.....] - ETA: 17s - loss: 0.0420 - acc: 0.9871
3287 140/160 [=====>.....] - ETA: 16s - loss: 0.0422 - acc: 0.9870
3288 141/160 [=====>.....] - ETA: 15s - loss: 0.0423 - acc: 0.9869
3289 142/160 [=====>.....] - ETA: 14s - loss: 0.0421 - acc: 0.9869
3290 143/160 [=====>.....] - ETA: 14s - loss: 0.0419 - acc: 0.9870
3291 144/160 [=====>.....] - ETA: 13s - loss: 0.0421 - acc: 0.9869
3292 145/160 [=====>.....] - ETA: 12s - loss: 0.0423 - acc: 0.9869
3293 146/160 [=====>.....] - ETA: 11s - loss: 0.0425 - acc: 0.9869
3294 147/160 [=====>.....] - ETA: 10s - loss: 0.0423 - acc: 0.9870
3295 148/160 [=====>.....] - ETA: 10s - loss: 0.0421 - acc: 0.9870
3296 149/160 [=====>.....] - ETA: 9s - loss: 0.0421 - acc: 0.9870
3297 150/160 [=====>.....] - ETA: 8s - loss: 0.0420 - acc: 0.9870
3298 151/160 [=====>.....] - ETA: 7s - loss: 0.0421 - acc: 0.9869
3299 152/160 [=====>.....] - ETA: 6s - loss: 0.0421 - acc: 0.9868
3300 153/160 [=====>.....] - ETA: 5s - loss: 0.0419 - acc: 0.9869
3301 154/160 [=====>.....] - ETA: 5s - loss: 0.0418 - acc: 0.9870
3302 155/160 [=====>.....] - ETA: 4s - loss: 0.0415 - acc: 0.9871
3303 156/160 [=====>.....] - ETA: 3s - loss: 0.0416 - acc: 0.9870
3304 157/160 [=====>.....] - ETA: 2s - loss: 0.0415 - acc: 0.9870
3305 158/160 [=====>.....] - ETA: 1s - loss: 0.0414 - acc: 0.9870
3306 159/160 [=====>.....] - ETA: 0s - loss: 0.0412 - acc: 0.9871
3307 160/160 [=====] - 176s 1s/step - loss: 0.0411 - acc: 0.9871 - val_loss: 0.
0924 - val_acc: 0.9731
3308 Epoch 21/23
3309
3310 1/160 [.....] - ETA: 1:43 - loss: 0.0080 - acc: 1.0000
3311 2/160 [.....] - ETA: 1:41 - loss: 0.0159 - acc: 0.9940
3312 3/160 [.....] - ETA: 1:40 - loss: 0.0120 - acc: 0.9960
3313 4/160 [.....] - ETA: 1:40 - loss: 0.0440 - acc: 0.9911
3314 5/160 [.....] - ETA: 1:39 - loss: 0.0408 - acc: 0.9881
3315 6/160 [>.....] - ETA: 1:38 - loss: 0.0437 - acc: 0.9861
3316 7/160 [>.....] - ETA: 1:37 - loss: 0.0384 - acc: 0.9881
3317 8/160 [>.....] - ETA: 1:36 - loss: 0.0382 - acc: 0.9881
3318 9/160 [>.....] - ETA: 1:35 - loss: 0.0354 - acc: 0.9894
3319 10/160 [>.....] - ETA: 1:35 - loss: 0.0363 - acc: 0.9881
3320 11/160 [=>.....] - ETA: 1:35 - loss: 0.0370 - acc: 0.9881
3321 12/160 [=>.....] - ETA: 1:34 - loss: 0.0366 - acc: 0.9881
3322 13/160 [=>.....] - ETA: 1:33 - loss: 0.0398 - acc: 0.9863
3323 14/160 [=>.....] - ETA: 1:33 - loss: 0.0409 - acc: 0.9864
3324 15/160 [=>.....] - ETA: 1:32 - loss: 0.0417 - acc: 0.9857
3325 16/160 [==>.....] - ETA: 1:31 - loss: 0.0397 - acc: 0.9866
3326 17/160 [==>.....] - ETA: 1:31 - loss: 0.0423 - acc: 0.9853
3327 18/160 [==>.....] - ETA: 1:30 - loss: 0.0417 - acc: 0.9848
3328 19/160 [==>.....] - ETA: 1:30 - loss: 0.0403 - acc: 0.9856
3329 20/160 [==>.....] - ETA: 1:29 - loss: 0.0385 - acc: 0.9863
3330 21/160 [==>.....] - ETA: 1:28 - loss: 0.0402 - acc: 0.9864
3331 22/160 [==>.....] - ETA: 1:28 - loss: 0.0391 - acc: 0.9870
3332 23/160 [==>.....] - ETA: 1:30 - loss: 0.0390 - acc: 0.9876
3333 24/160 [==>.....] - ETA: 1:31 - loss: 0.0387 - acc: 0.9876
3334 25/160 [==>.....] - ETA: 1:32 - loss: 0.0390 - acc: 0.9871
3335 26/160 [==>.....] - ETA: 1:33 - loss: 0.0399 - acc: 0.9867
3336 27/160 [==>.....] - ETA: 1:34 - loss: 0.0391 - acc: 0.9872
3337 28/160 [==>.....] - ETA: 1:35 - loss: 0.0387 - acc: 0.9872
3338 29/160 [==>.....] - ETA: 1:36 - loss: 0.0385 - acc: 0.9869
3339 30/160 [==>.....] - ETA: 1:36 - loss: 0.0386 - acc: 0.9865

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3340	31/160	[====>.....]	- ETA: 1:37 - loss: 0.0382 - acc: 0.9869
3341	32/160	[====>.....]	- ETA: 1:37 - loss: 0.0376 - acc: 0.9870
3342	33/160	[====>.....]	- ETA: 1:38 - loss: 0.0386 - acc: 0.9867
3343	34/160	[====>.....]	- ETA: 1:38 - loss: 0.0406 - acc: 0.9856
3344	35/160	[====>.....]	- ETA: 1:39 - loss: 0.0402 - acc: 0.9861
3345	36/160	[====>.....]	- ETA: 1:39 - loss: 0.0395 - acc: 0.9864
3346	37/160	[====>.....]	- ETA: 1:39 - loss: 0.0388 - acc: 0.9868
3347	38/160	[====>.....]	- ETA: 1:39 - loss: 0.0379 - acc: 0.9872
3348	39/160	[====>.....]	- ETA: 1:39 - loss: 0.0371 - acc: 0.9875
3349	40/160	[====>.....]	- ETA: 1:39 - loss: 0.0369 - acc: 0.9875
3350	41/160	[====>.....]	- ETA: 1:40 - loss: 0.0366 - acc: 0.9875
3351	42/160	[====>.....]	- ETA: 1:39 - loss: 0.0360 - acc: 0.9878
3352	43/160	[====>.....]	- ETA: 1:39 - loss: 0.0364 - acc: 0.9878
3353	44/160	[====>.....]	- ETA: 1:39 - loss: 0.0357 - acc: 0.9881
3354	45/160	[====>.....]	- ETA: 1:39 - loss: 0.0375 - acc: 0.9876
3355	46/160	[====>.....]	- ETA: 1:39 - loss: 0.0369 - acc: 0.9876
3356	47/160	[====>.....]	- ETA: 1:38 - loss: 0.0420 - acc: 0.9873
3357	48/160	[====>.....]	- ETA: 1:38 - loss: 0.0442 - acc: 0.9874
3358	49/160	[====>.....]	- ETA: 1:38 - loss: 0.0436 - acc: 0.9876
3359	50/160	[====>.....]	- ETA: 1:37 - loss: 0.0429 - acc: 0.9879
3360	51/160	[====>.....]	- ETA: 1:37 - loss: 0.0436 - acc: 0.9872
3361	52/160	[====>.....]	- ETA: 1:36 - loss: 0.0431 - acc: 0.9874
3362	53/160	[====>.....]	- ETA: 1:36 - loss: 0.0438 - acc: 0.9870
3363	54/160	[====>.....]	- ETA: 1:36 - loss: 0.0433 - acc: 0.9872
3364	55/160	[====>.....]	- ETA: 1:35 - loss: 0.0431 - acc: 0.9872
3365	56/160	[====>.....]	- ETA: 1:35 - loss: 0.0428 - acc: 0.9872
3366	57/160	[====>.....]	- ETA: 1:34 - loss: 0.0430 - acc: 0.9871
3367	58/160	[====>.....]	- ETA: 1:34 - loss: 0.0441 - acc: 0.9871
3368	59/160	[====>.....]	- ETA: 1:34 - loss: 0.0436 - acc: 0.9873
3369	60/160	[====>.....]	- ETA: 1:33 - loss: 0.0431 - acc: 0.9875
3370	61/160	[====>.....]	- ETA: 1:33 - loss: 0.0427 - acc: 0.9877
3371	62/160	[====>.....]	- ETA: 1:32 - loss: 0.0424 - acc: 0.9877
3372	63/160	[====>.....]	- ETA: 1:32 - loss: 0.0424 - acc: 0.9877
3373	64/160	[====>.....]	- ETA: 1:31 - loss: 0.0423 - acc: 0.9875
3374	65/160	[====>.....]	- ETA: 1:31 - loss: 0.0418 - acc: 0.9877
3375	66/160	[====>.....]	- ETA: 1:30 - loss: 0.0418 - acc: 0.9876
3376	67/160	[====>.....]	- ETA: 1:30 - loss: 0.0416 - acc: 0.9876
3377	68/160	[====>.....]	- ETA: 1:29 - loss: 0.0412 - acc: 0.9877
3378	69/160	[====>.....]	- ETA: 1:28 - loss: 0.0410 - acc: 0.9878
3379	70/160	[====>.....]	- ETA: 1:28 - loss: 0.0408 - acc: 0.9878
3380	71/160	[====>.....]	- ETA: 1:27 - loss: 0.0408 - acc: 0.9876
3381	72/160	[====>.....]	- ETA: 1:26 - loss: 0.0424 - acc: 0.9876
3382	73/160	[====>.....]	- ETA: 1:26 - loss: 0.0425 - acc: 0.9874
3383	74/160	[====>.....]	- ETA: 1:25 - loss: 0.0424 - acc: 0.9875
3384	75/160	[====>.....]	- ETA: 1:25 - loss: 0.0420 - acc: 0.9876
3385	76/160	[====>.....]	- ETA: 1:24 - loss: 0.0425 - acc: 0.9875
3386	77/160	[====>.....]	- ETA: 1:23 - loss: 0.0423 - acc: 0.9875
3387	78/160	[====>.....]	- ETA: 1:23 - loss: 0.0419 - acc: 0.9876
3388	79/160	[====>.....]	- ETA: 1:22 - loss: 0.0416 - acc: 0.9878
3389	80/160	[====>.....]	- ETA: 1:21 - loss: 0.0413 - acc: 0.9879
3390	81/160	[====>.....]	- ETA: 1:21 - loss: 0.0413 - acc: 0.9879
3391	82/160	[====>.....]	- ETA: 1:20 - loss: 0.0413 - acc: 0.9880
3392	83/160	[====>.....]	- ETA: 1:19 - loss: 0.0413 - acc: 0.9880
3393	84/160	[====>.....]	- ETA: 1:18 - loss: 0.0412 - acc: 0.9880
3394	85/160	[====>.....]	- ETA: 1:18 - loss: 0.0409 - acc: 0.9880
3395	86/160	[====>.....]	- ETA: 1:17 - loss: 0.0406 - acc: 0.9881
3396	87/160	[====>.....]	- ETA: 1:16 - loss: 0.0415 - acc: 0.9880
3397	88/160	[====>.....]	- ETA: 1:15 - loss: 0.0413 - acc: 0.9880
3398	89/160	[====>.....]	- ETA: 1:15 - loss: 0.0410 - acc: 0.9881
3399	90/160	[====>.....]	- ETA: 1:14 - loss: 0.0406 - acc: 0.9882
3400	91/160	[====>.....]	- ETA: 1:13 - loss: 0.0407 - acc: 0.9881
3401	92/160	[====>.....]	- ETA: 1:12 - loss: 0.0406 - acc: 0.9881
3402	93/160	[====>.....]	- ETA: 1:12 - loss: 0.0403 - acc: 0.9882
3403	94/160	[====>.....]	- ETA: 1:11 - loss: 0.0403 - acc: 0.9881
3404	95/160	[====>.....]	- ETA: 1:10 - loss: 0.0407 - acc: 0.9880
3405	96/160	[====>.....]	- ETA: 1:09 - loss: 0.0405 - acc: 0.9881
3406	97/160	[====>.....]	- ETA: 1:08 - loss: 0.0402 - acc: 0.9882
3407	98/160	[====>.....]	- ETA: 1:07 - loss: 0.0401 - acc: 0.9882
3408	99/160	[====>.....]	- ETA: 1:06 - loss: 0.0398 - acc: 0.9883
3409	100/160	[====>.....]	- ETA: 1:05 - loss: 0.0396 - acc: 0.9885
3410	101/160	[====>.....]	- ETA: 1:05 - loss: 0.0403 - acc: 0.9883
3411	102/160	[====>.....]	- ETA: 1:04 - loss: 0.0400 - acc: 0.9884
3412	103/160	[====>.....]	- ETA: 1:03 - loss: 0.0397 - acc: 0.9886
3413	104/160	[====>.....]	- ETA: 1:02 - loss: 0.0395 - acc: 0.9886
3414	105/160	[====>.....]	- ETA: 1:01 - loss: 0.0392 - acc: 0.9887
3415	106/160	[====>.....]	- ETA: 1:00 - loss: 0.0397 - acc: 0.9885
3416	107/160	[====>.....]	- ETA: 59s - loss: 0.0394 - acc: 0.9887

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3417 108/160 [=====>.....] - ETA: 58s - loss: 0.0392 - acc: 0.9886
3418 109/160 [=====>.....] - ETA: 57s - loss: 0.0389 - acc: 0.9888
3419 110/160 [=====>.....] - ETA: 56s - loss: 0.0388 - acc: 0.9887
3420 111/160 [=====>.....] - ETA: 55s - loss: 0.0391 - acc: 0.9887
3421 112/160 [=====>.....] - ETA: 54s - loss: 0.0389 - acc: 0.9888
3422 113/160 [=====>.....] - ETA: 53s - loss: 0.0386 - acc: 0.9889
3423 114/160 [=====>.....] - ETA: 52s - loss: 0.0385 - acc: 0.9888
3424 115/160 [=====>.....] - ETA: 51s - loss: 0.0385 - acc: 0.9888
3425 116/160 [=====>.....] - ETA: 50s - loss: 0.0384 - acc: 0.9889
3426 117/160 [=====>.....] - ETA: 49s - loss: 0.0382 - acc: 0.9890
3427 118/160 [=====>.....] - ETA: 48s - loss: 0.0380 - acc: 0.9890
3428 119/160 [=====>.....] - ETA: 47s - loss: 0.0379 - acc: 0.9891
3429 120/160 [=====>.....] - ETA: 46s - loss: 0.0377 - acc: 0.9892
3430 121/160 [=====>.....] - ETA: 45s - loss: 0.0375 - acc: 0.9893
3431 122/160 [=====>.....] - ETA: 44s - loss: 0.0373 - acc: 0.9894
3432 123/160 [=====>.....] - ETA: 42s - loss: 0.0372 - acc: 0.9894
3433 124/160 [=====>.....] - ETA: 41s - loss: 0.0370 - acc: 0.9894
3434 125/160 [=====>.....] - ETA: 40s - loss: 0.0368 - acc: 0.9895
3435 126/160 [=====>.....] - ETA: 39s - loss: 0.0371 - acc: 0.9894
3436 127/160 [=====>.....] - ETA: 38s - loss: 0.0371 - acc: 0.9894
3437 128/160 [=====>.....] - ETA: 37s - loss: 0.0369 - acc: 0.9895
3438 129/160 [=====>.....] - ETA: 36s - loss: 0.0372 - acc: 0.9895
3439 130/160 [=====>.....] - ETA: 35s - loss: 0.0369 - acc: 0.9896
3440 131/160 [=====>.....] - ETA: 34s - loss: 0.0371 - acc: 0.9895
3441 132/160 [=====>.....] - ETA: 33s - loss: 0.0372 - acc: 0.9894
3442 133/160 [=====>.....] - ETA: 31s - loss: 0.0370 - acc: 0.9895
3443 134/160 [=====>.....] - ETA: 30s - loss: 0.0369 - acc: 0.9896
3444 135/160 [=====>.....] - ETA: 29s - loss: 0.0367 - acc: 0.9897
3445 136/160 [=====>.....] - ETA: 28s - loss: 0.0365 - acc: 0.9898
3446 137/160 [=====>.....] - ETA: 27s - loss: 0.0363 - acc: 0.9898
3447 138/160 [=====>.....] - ETA: 26s - loss: 0.0362 - acc: 0.9898
3448 139/160 [=====>.....] - ETA: 25s - loss: 0.0364 - acc: 0.9896
3449 140/160 [=====>.....] - ETA: 23s - loss: 0.0362 - acc: 0.9896
3450 141/160 [=====>.....] - ETA: 22s - loss: 0.0366 - acc: 0.9896
3451 142/160 [=====>.....] - ETA: 21s - loss: 0.0365 - acc: 0.9896
3452 143/160 [=====>.....] - ETA: 20s - loss: 0.0362 - acc: 0.9897
3453 144/160 [=====>.....] - ETA: 19s - loss: 0.0361 - acc: 0.9897
3454 145/160 [=====>.....] - ETA: 18s - loss: 0.0360 - acc: 0.9897
3455 146/160 [=====>.....] - ETA: 17s - loss: 0.0358 - acc: 0.9898
3456 147/160 [=====>.....] - ETA: 15s - loss: 0.0362 - acc: 0.9898
3457 148/160 [=====>.....] - ETA: 14s - loss: 0.0367 - acc: 0.9898
3458 149/160 [=====>.....] - ETA: 13s - loss: 0.0365 - acc: 0.9899
3459 150/160 [=====>.....] - ETA: 12s - loss: 0.0365 - acc: 0.9898
3460 151/160 [=====>.....] - ETA: 10s - loss: 0.0366 - acc: 0.9897
3461 152/160 [=====>.....] - ETA: 9s - loss: 0.0365 - acc: 0.9897
3462 153/160 [=====>.....] - ETA: 8s - loss: 0.0363 - acc: 0.9898
3463 154/160 [=====>.....] - ETA: 7s - loss: 0.0364 - acc: 0.9897
3464 155/160 [=====>.....] - ETA: 6s - loss: 0.0363 - acc: 0.9898
3465 156/160 [=====>.....] - ETA: 4s - loss: 0.0365 - acc: 0.9898
3466 157/160 [=====>.....] - ETA: 3s - loss: 0.0368 - acc: 0.9897
3467 158/160 [=====>.....] - ETA: 2s - loss: 0.0366 - acc: 0.9898
3468 159/160 [=====>.....] - ETA: 1s - loss: 0.0367 - acc: 0.9897
3469 160/160 [=====] - 233s 1s/step - loss: 0.0366 - acc: 0.9897 - val_loss: 0.
0713 - val_acc: 0.9760
3470 Epoch 22/23
3471
3472 1/160 [.....] - ETA: 1:50 - loss: 0.0165 - acc: 1.0000
3473 2/160 [.....] - ETA: 1:45 - loss: 0.0106 - acc: 1.0000
3474 3/160 [.....] - ETA: 1:44 - loss: 0.0153 - acc: 0.9960
3475 4/160 [.....] - ETA: 1:43 - loss: 0.0196 - acc: 0.9940
3476 5/160 [.....] - ETA: 1:42 - loss: 0.0290 - acc: 0.9881
3477 6/160 [>.....] - ETA: 1:41 - loss: 0.0258 - acc: 0.9901
3478 7/160 [>.....] - ETA: 1:40 - loss: 0.0289 - acc: 0.9898
3479 8/160 [>.....] - ETA: 1:40 - loss: 0.0304 - acc: 0.9881
3480 9/160 [>.....] - ETA: 1:39 - loss: 0.0288 - acc: 0.9894
3481 10/160 [>.....] - ETA: 1:38 - loss: 0.0272 - acc: 0.9905
3482 11/160 [=>.....] - ETA: 1:37 - loss: 0.0255 - acc: 0.9913
3483 12/160 [=>.....] - ETA: 1:37 - loss: 0.0291 - acc: 0.9901
3484 13/160 [=>.....] - ETA: 1:36 - loss: 0.0274 - acc: 0.9908
3485 14/160 [=>.....] - ETA: 1:35 - loss: 0.0278 - acc: 0.9906
3486 15/160 [=>.....] - ETA: 1:34 - loss: 0.0277 - acc: 0.9905
3487 16/160 [==>.....] - ETA: 1:34 - loss: 0.0276 - acc: 0.9903
3488 17/160 [==>.....] - ETA: 1:34 - loss: 0.0369 - acc: 0.9874
3489 18/160 [==>.....] - ETA: 1:33 - loss: 0.0369 - acc: 0.9874
3490 19/160 [==>.....] - ETA: 1:32 - loss: 0.0361 - acc: 0.9875
3491 20/160 [==>.....] - ETA: 1:31 - loss: 0.0357 - acc: 0.9869
3492 21/160 [==>.....] - ETA: 1:31 - loss: 0.0354 - acc: 0.9870

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3493	22/160	[====>.....]	- ETA: 1:30 - loss: 0.0362 - acc: 0.9865
3494	23/160	[====>.....]	- ETA: 1:29 - loss: 0.0371 - acc: 0.9855
3495	24/160	[====>.....]	- ETA: 1:29 - loss: 0.0357 - acc: 0.9861
3496	25/160	[====>.....]	- ETA: 1:28 - loss: 0.0364 - acc: 0.9862
3497	26/160	[====>.....]	- ETA: 1:28 - loss: 0.0351 - acc: 0.9867
3498	27/160	[====>.....]	- ETA: 1:27 - loss: 0.0340 - acc: 0.9872
3499	28/160	[====>.....]	- ETA: 1:26 - loss: 0.0344 - acc: 0.9872
3500	29/160	[====>.....]	- ETA: 1:25 - loss: 0.0342 - acc: 0.9873
3501	30/160	[====>.....]	- ETA: 1:25 - loss: 0.0366 - acc: 0.9873
3502	31/160	[====>.....]	- ETA: 1:24 - loss: 0.0376 - acc: 0.9869
3503	32/160	[====>.....]	- ETA: 1:23 - loss: 0.0367 - acc: 0.9874
3504	33/160	[====>.....]	- ETA: 1:23 - loss: 0.0390 - acc: 0.9867
3505	34/160	[====>.....]	- ETA: 1:22 - loss: 0.0390 - acc: 0.9863
3506	35/160	[====>.....]	- ETA: 1:21 - loss: 0.0383 - acc: 0.9867
3507	36/160	[====>.....]	- ETA: 1:21 - loss: 0.0387 - acc: 0.9864
3508	37/160	[====>.....]	- ETA: 1:20 - loss: 0.0380 - acc: 0.9868
3509	38/160	[====>.....]	- ETA: 1:19 - loss: 0.0372 - acc: 0.9872
3510	39/160	[====>.....]	- ETA: 1:19 - loss: 0.0366 - acc: 0.9872
3511	40/160	[====>.....]	- ETA: 1:18 - loss: 0.0363 - acc: 0.9872
3512	41/160	[====>.....]	- ETA: 1:17 - loss: 0.0355 - acc: 0.9875
3513	42/160	[====>.....]	- ETA: 1:17 - loss: 0.0350 - acc: 0.9878
3514	43/160	[====>.....]	- ETA: 1:16 - loss: 0.0352 - acc: 0.9878
3515	44/160	[====>.....]	- ETA: 1:15 - loss: 0.0361 - acc: 0.9876
3516	45/160	[====>.....]	- ETA: 1:15 - loss: 0.0355 - acc: 0.9878
3517	46/160	[====>.....]	- ETA: 1:14 - loss: 0.0348 - acc: 0.9881
3518	47/160	[====>.....]	- ETA: 1:14 - loss: 0.0349 - acc: 0.9881
3519	48/160	[====>.....]	- ETA: 1:13 - loss: 0.0361 - acc: 0.9881
3520	49/160	[====>.....]	- ETA: 1:13 - loss: 0.0360 - acc: 0.9881
3521	50/160	[====>.....]	- ETA: 1:13 - loss: 0.0373 - acc: 0.9879
3522	51/160	[====>.....]	- ETA: 1:12 - loss: 0.0370 - acc: 0.9881
3523	52/160	[====>.....]	- ETA: 1:12 - loss: 0.0367 - acc: 0.9881
3524	53/160	[====>.....]	- ETA: 1:11 - loss: 0.0362 - acc: 0.9883
3525	54/160	[====>.....]	- ETA: 1:11 - loss: 0.0367 - acc: 0.9881
3526	55/160	[====>.....]	- ETA: 1:10 - loss: 0.0363 - acc: 0.9883
3527	56/160	[====>.....]	- ETA: 1:10 - loss: 0.0361 - acc: 0.9885
3528	57/160	[====>.....]	- ETA: 1:10 - loss: 0.0365 - acc: 0.9885
3529	58/160	[====>.....]	- ETA: 1:09 - loss: 0.0368 - acc: 0.9885
3530	59/160	[====>.....]	- ETA: 1:09 - loss: 0.0366 - acc: 0.9885
3531	60/160	[====>.....]	- ETA: 1:08 - loss: 0.0362 - acc: 0.9887
3532	61/160	[====>.....]	- ETA: 1:07 - loss: 0.0363 - acc: 0.9887
3533	62/160	[====>.....]	- ETA: 1:07 - loss: 0.0367 - acc: 0.9887
3534	63/160	[====>.....]	- ETA: 1:06 - loss: 0.0362 - acc: 0.9889
3535	64/160	[====>.....]	- ETA: 1:06 - loss: 0.0361 - acc: 0.9888
3536	65/160	[====>.....]	- ETA: 1:05 - loss: 0.0365 - acc: 0.9888
3537	66/160	[====>.....]	- ETA: 1:05 - loss: 0.0376 - acc: 0.9888
3538	67/160	[====>.....]	- ETA: 1:04 - loss: 0.0378 - acc: 0.9886
3539	68/160	[====>.....]	- ETA: 1:04 - loss: 0.0376 - acc: 0.9886
3540	69/160	[====>.....]	- ETA: 1:03 - loss: 0.0383 - acc: 0.9884
3541	70/160	[====>.....]	- ETA: 1:02 - loss: 0.0380 - acc: 0.9884
3542	71/160	[====>.....]	- ETA: 1:02 - loss: 0.0378 - acc: 0.9884
3543	72/160	[====>.....]	- ETA: 1:01 - loss: 0.0376 - acc: 0.9884
3544	73/160	[====>.....]	- ETA: 1:01 - loss: 0.0374 - acc: 0.9884
3545	74/160	[====>.....]	- ETA: 1:00 - loss: 0.0375 - acc: 0.9881
3546	75/160	[====>.....]	- ETA: 1:00 - loss: 0.0372 - acc: 0.9881
3547	76/160	[====>.....]	- ETA: 59s - loss: 0.0368 - acc: 0.9883
3548	77/160	[====>.....]	- ETA: 58s - loss: 0.0370 - acc: 0.9881
3549	78/160	[====>.....]	- ETA: 58s - loss: 0.0370 - acc: 0.9881
3550	79/160	[====>.....]	- ETA: 57s - loss: 0.0366 - acc: 0.9881
3551	80/160	[====>.....]	- ETA: 56s - loss: 0.0371 - acc: 0.9879
3552	81/160	[====>.....]	- ETA: 56s - loss: 0.0368 - acc: 0.9879
3553	82/160	[====>.....]	- ETA: 55s - loss: 0.0366 - acc: 0.9880
3554	83/160	[====>.....]	- ETA: 54s - loss: 0.0365 - acc: 0.9880
3555	84/160	[====>.....]	- ETA: 54s - loss: 0.0361 - acc: 0.9881
3556	85/160	[====>.....]	- ETA: 53s - loss: 0.0359 - acc: 0.9882
3557	86/160	[====>.....]	- ETA: 52s - loss: 0.0362 - acc: 0.9881
3558	87/160	[====>.....]	- ETA: 52s - loss: 0.0361 - acc: 0.9881
3559	88/160	[====>.....]	- ETA: 51s - loss: 0.0358 - acc: 0.9882
3560	89/160	[====>.....]	- ETA: 50s - loss: 0.0357 - acc: 0.9884
3561	90/160	[====>.....]	- ETA: 50s - loss: 0.0353 - acc: 0.9885
3562	91/160	[====>.....]	- ETA: 49s - loss: 0.0353 - acc: 0.9885
3563	92/160	[====>.....]	- ETA: 48s - loss: 0.0350 - acc: 0.9886
3564	93/160	[====>.....]	- ETA: 48s - loss: 0.0359 - acc: 0.9885
3565	94/160	[====>.....]	- ETA: 47s - loss: 0.0357 - acc: 0.9886
3566	95/160	[====>.....]	- ETA: 46s - loss: 0.0355 - acc: 0.9887
3567	96/160	[====>.....]	- ETA: 46s - loss: 0.0357 - acc: 0.9886
3568	97/160	[====>.....]	- ETA: 45s - loss: 0.0354 - acc: 0.9887
3569	98/160	[====>.....]	- ETA: 44s - loss: 0.0353 - acc: 0.9887

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3570 99/160 [=====>.....] - ETA: 44s - loss: 0.0350 - acc: 0.9888
3571 100/160 [=====>.....] - ETA: 43s - loss: 0.0351 - acc: 0.9887
3572 101/160 [=====>.....] - ETA: 42s - loss: 0.0350 - acc: 0.9887
3573 102/160 [=====>.....] - ETA: 42s - loss: 0.0351 - acc: 0.9887
3574 103/160 [=====>.....] - ETA: 41s - loss: 0.0350 - acc: 0.9886
3575 104/160 [=====>.....] - ETA: 40s - loss: 0.0352 - acc: 0.9884
3576 105/160 [=====>.....] - ETA: 39s - loss: 0.0353 - acc: 0.9883
3577 106/160 [=====>.....] - ETA: 39s - loss: 0.0355 - acc: 0.9883
3578 107/160 [=====>.....] - ETA: 38s - loss: 0.0370 - acc: 0.9883
3579 108/160 [=====>.....] - ETA: 37s - loss: 0.0368 - acc: 0.9884
3580 109/160 [=====>.....] - ETA: 37s - loss: 0.0365 - acc: 0.9885
3581 110/160 [=====>.....] - ETA: 36s - loss: 0.0363 - acc: 0.9885
3582 111/160 [=====>.....] - ETA: 35s - loss: 0.0360 - acc: 0.9886
3583 112/160 [=====>.....] - ETA: 35s - loss: 0.0367 - acc: 0.9886
3584 113/160 [=====>.....] - ETA: 34s - loss: 0.0365 - acc: 0.9887
3585 114/160 [=====>.....] - ETA: 33s - loss: 0.0381 - acc: 0.9887
3586 115/160 [=====>.....] - ETA: 32s - loss: 0.0378 - acc: 0.9887
3587 116/160 [=====>.....] - ETA: 32s - loss: 0.0378 - acc: 0.9887
3588 117/160 [=====>.....] - ETA: 31s - loss: 0.0376 - acc: 0.9888
3589 118/160 [=====>.....] - ETA: 30s - loss: 0.0374 - acc: 0.9889
3590 119/160 [=====>.....] - ETA: 30s - loss: 0.0374 - acc: 0.9889
3591 120/160 [=====>.....] - ETA: 29s - loss: 0.0372 - acc: 0.9890
3592 121/160 [=====>.....] - ETA: 28s - loss: 0.0370 - acc: 0.9891
3593 122/160 [=====>.....] - ETA: 27s - loss: 0.0373 - acc: 0.9890
3594 123/160 [=====>.....] - ETA: 27s - loss: 0.0374 - acc: 0.9890
3595 124/160 [=====>.....] - ETA: 26s - loss: 0.0371 - acc: 0.9891
3596 125/160 [=====>.....] - ETA: 25s - loss: 0.0369 - acc: 0.9891
3597 126/160 [=====>.....] - ETA: 25s - loss: 0.0367 - acc: 0.9892
3598 127/160 [=====>.....] - ETA: 24s - loss: 0.0365 - acc: 0.9893
3599 128/160 [=====>.....] - ETA: 23s - loss: 0.0365 - acc: 0.9893
3600 129/160 [=====>.....] - ETA: 22s - loss: 0.0363 - acc: 0.9894
3601 130/160 [=====>.....] - ETA: 22s - loss: 0.0362 - acc: 0.9895
3602 131/160 [=====>.....] - ETA: 21s - loss: 0.0360 - acc: 0.9895
3603 132/160 [=====>.....] - ETA: 20s - loss: 0.0358 - acc: 0.9895
3604 133/160 [=====>.....] - ETA: 20s - loss: 0.0356 - acc: 0.9896
3605 134/160 [=====>.....] - ETA: 19s - loss: 0.0355 - acc: 0.9896
3606 135/160 [=====>.....] - ETA: 18s - loss: 0.0354 - acc: 0.9896
3607 136/160 [=====>.....] - ETA: 17s - loss: 0.0353 - acc: 0.9897
3608 137/160 [=====>.....] - ETA: 17s - loss: 0.0351 - acc: 0.9897
3609 138/160 [=====>.....] - ETA: 16s - loss: 0.0350 - acc: 0.9897
3610 139/160 [=====>.....] - ETA: 15s - loss: 0.0349 - acc: 0.9897
3611 140/160 [=====>.....] - ETA: 14s - loss: 0.0348 - acc: 0.9898
3612 141/160 [=====>.....] - ETA: 14s - loss: 0.0349 - acc: 0.9896
3613 142/160 [=====>.....] - ETA: 13s - loss: 0.0347 - acc: 0.9897
3614 143/160 [=====>.....] - ETA: 12s - loss: 0.0345 - acc: 0.9898
3615 144/160 [=====>.....] - ETA: 11s - loss: 0.0343 - acc: 0.9898
3616 145/160 [=====>.....] - ETA: 11s - loss: 0.0342 - acc: 0.9899
3617 146/160 [=====>.....] - ETA: 10s - loss: 0.0341 - acc: 0.9900
3618 147/160 [=====>.....] - ETA: 9s - loss: 0.0339 - acc: 0.9900
3619 148/160 [=====>.....] - ETA: 8s - loss: 0.0338 - acc: 0.9901
3620 149/160 [=====>.....] - ETA: 8s - loss: 0.0340 - acc: 0.9901
3621 150/160 [=====>.....] - ETA: 7s - loss: 0.0340 - acc: 0.9902
3622 151/160 [=====>.....] - ETA: 6s - loss: 0.0338 - acc: 0.9902
3623 152/160 [=====>.....] - ETA: 6s - loss: 0.0336 - acc: 0.9903
3624 153/160 [=====>.....] - ETA: 5s - loss: 0.0334 - acc: 0.9904
3625 154/160 [=====>.....] - ETA: 4s - loss: 0.0335 - acc: 0.9903
3626 155/160 [=====>.....] - ETA: 3s - loss: 0.0333 - acc: 0.9903
3627 156/160 [=====>.....] - ETA: 3s - loss: 0.0332 - acc: 0.9903
3628 157/160 [=====>.....] - ETA: 2s - loss: 0.0330 - acc: 0.9904
3629 158/160 [=====>.....] - ETA: 1s - loss: 0.0328 - acc: 0.9904
3630 159/160 [=====>.....] - ETA: 0s - loss: 0.0328 - acc: 0.9904
3631 160/160 [=====] - 161s 1s/step - loss: 0.0328 - acc: 0.9904 - val_loss: 0.
0463 - val_acc: 0.9924
3632 Epoch 23/23
3633
3634 1/160 [.....] - ETA: 1:46 - loss: 0.0300 - acc: 0.9881
3635 2/160 [.....] - ETA: 1:42 - loss: 0.0259 - acc: 0.9881
3636 3/160 [.....] - ETA: 1:40 - loss: 0.0270 - acc: 0.9841
3637 4/160 [.....] - ETA: 1:41 - loss: 0.0371 - acc: 0.9792
3638 5/160 [.....] - ETA: 1:40 - loss: 0.0326 - acc: 0.9810
3639 6/160 [>.....] - ETA: 1:40 - loss: 0.0313 - acc: 0.9821
3640 7/160 [>.....] - ETA: 1:39 - loss: 0.0284 - acc: 0.9847
3641 8/160 [>.....] - ETA: 1:38 - loss: 0.0255 - acc: 0.9866
3642 9/160 [>.....] - ETA: 1:37 - loss: 0.0230 - acc: 0.9881
3643 10/160 [>.....] - ETA: 1:36 - loss: 0.0232 - acc: 0.9881
3644 11/160 [=>.....] - ETA: 1:36 - loss: 0.0268 - acc: 0.9870
3645 12/160 [=>.....] - ETA: 1:35 - loss: 0.0263 - acc: 0.9871

```


3646	13/160	[=>.....]	- ETA: 1:35 - loss: 0.0264 - acc: 0.9872
3647	14/160	[=>.....]	- ETA: 1:34 - loss: 0.0270 - acc: 0.9864
3648	15/160	[=>.....]	- ETA: 1:33 - loss: 0.0292 - acc: 0.9865
3649	16/160	[==>.....]	- ETA: 1:33 - loss: 0.0280 - acc: 0.9874
3650	17/160	[==>.....]	- ETA: 1:32 - loss: 0.0276 - acc: 0.9881
3651	18/160	[==>.....]	- ETA: 1:31 - loss: 0.0274 - acc: 0.9881
3652	19/160	[==>.....]	- ETA: 1:30 - loss: 0.0272 - acc: 0.9881
3653	20/160	[==>.....]	- ETA: 1:30 - loss: 0.0272 - acc: 0.9881
3654	21/160	[==>.....]	- ETA: 1:29 - loss: 0.0283 - acc: 0.9881
3655	22/160	[==>.....]	- ETA: 1:28 - loss: 0.0277 - acc: 0.9886
3656	23/160	[==>.....]	- ETA: 1:28 - loss: 0.0275 - acc: 0.9891
3657	24/160	[==>.....]	- ETA: 1:27 - loss: 0.0284 - acc: 0.9886
3658	25/160	[==>.....]	- ETA: 1:25 - loss: 0.0278 - acc: 0.9889
3659	26/160	[==>.....]	- ETA: 1:25 - loss: 0.0292 - acc: 0.9889
3660	27/160	[==>.....]	- ETA: 1:24 - loss: 0.0292 - acc: 0.9888
3661	28/160	[==>.....]	- ETA: 1:23 - loss: 0.0283 - acc: 0.9892
3662	29/160	[==>.....]	- ETA: 1:23 - loss: 0.0277 - acc: 0.9896
3663	30/160	[==>.....]	- ETA: 1:22 - loss: 0.0312 - acc: 0.9892
3664	31/160	[==>.....]	- ETA: 1:22 - loss: 0.0304 - acc: 0.9895
3665	32/160	[==>.....]	- ETA: 1:22 - loss: 0.0299 - acc: 0.9898
3666	33/160	[==>.....]	- ETA: 1:22 - loss: 0.0295 - acc: 0.9898
3667	34/160	[==>.....]	- ETA: 1:22 - loss: 0.0287 - acc: 0.9901
3668	35/160	[==>.....]	- ETA: 1:22 - loss: 0.0281 - acc: 0.9904
3669	36/160	[==>.....]	- ETA: 1:22 - loss: 0.0290 - acc: 0.9903
3670	37/160	[==>.....]	- ETA: 1:22 - loss: 0.0297 - acc: 0.9899
3671	38/160	[==>.....]	- ETA: 1:22 - loss: 0.0297 - acc: 0.9899
3672	39/160	[==>.....]	- ETA: 1:22 - loss: 0.0305 - acc: 0.9895
3673	40/160	[==>.....]	- ETA: 1:22 - loss: 0.0302 - acc: 0.9895
3674	41/160	[==>.....]	- ETA: 1:22 - loss: 0.0301 - acc: 0.9895
3675	42/160	[==>.....]	- ETA: 1:22 - loss: 0.0313 - acc: 0.9894
3676	43/160	[==>.....]	- ETA: 1:22 - loss: 0.0306 - acc: 0.9897
3677	44/160	[==>.....]	- ETA: 1:21 - loss: 0.0306 - acc: 0.9896
3678	45/160	[==>.....]	- ETA: 1:21 - loss: 0.0307 - acc: 0.9893
3679	46/160	[==>.....]	- ETA: 1:21 - loss: 0.0308 - acc: 0.9893
3680	47/160	[==>.....]	- ETA: 1:21 - loss: 0.0305 - acc: 0.9895
3681	48/160	[==>.....]	- ETA: 1:20 - loss: 0.0299 - acc: 0.9898
3682	49/160	[==>.....]	- ETA: 1:20 - loss: 0.0295 - acc: 0.9900
3683	50/160	[==>.....]	- ETA: 1:20 - loss: 0.0292 - acc: 0.9902
3684	51/160	[==>.....]	- ETA: 1:19 - loss: 0.0288 - acc: 0.9904
3685	52/160	[==>.....]	- ETA: 1:19 - loss: 0.0289 - acc: 0.9903
3686	53/160	[==>.....]	- ETA: 1:18 - loss: 0.0303 - acc: 0.9901
3687	54/160	[==>.....]	- ETA: 1:18 - loss: 0.0313 - acc: 0.9896
3688	55/160	[==>.....]	- ETA: 1:17 - loss: 0.0313 - acc: 0.9895
3689	56/160	[==>.....]	- ETA: 1:16 - loss: 0.0327 - acc: 0.9893
3690	57/160	[==>.....]	- ETA: 1:16 - loss: 0.0334 - acc: 0.9889
3691	58/160	[==>.....]	- ETA: 1:15 - loss: 0.0334 - acc: 0.9889
3692	59/160	[==>.....]	- ETA: 1:15 - loss: 0.0338 - acc: 0.9888
3693	60/160	[==>.....]	- ETA: 1:14 - loss: 0.0344 - acc: 0.9884
3694	61/160	[==>.....]	- ETA: 1:14 - loss: 0.0342 - acc: 0.9886
3695	62/160	[==>.....]	- ETA: 1:13 - loss: 0.0338 - acc: 0.9888
3696	63/160	[==>.....]	- ETA: 1:13 - loss: 0.0336 - acc: 0.9888
3697	64/160	[==>.....]	- ETA: 1:12 - loss: 0.0341 - acc: 0.9882
3698	65/160	[==>.....]	- ETA: 1:11 - loss: 0.0340 - acc: 0.9884
3699	66/160	[==>.....]	- ETA: 1:11 - loss: 0.0338 - acc: 0.9886
3700	67/160	[==>.....]	- ETA: 1:10 - loss: 0.0338 - acc: 0.9884
3701	68/160	[==>.....]	- ETA: 1:10 - loss: 0.0335 - acc: 0.9886
3702	69/160	[==>.....]	- ETA: 1:09 - loss: 0.0333 - acc: 0.9887
3703	70/160	[==>.....]	- ETA: 1:09 - loss: 0.0330 - acc: 0.9889
3704	71/160	[==>.....]	- ETA: 1:08 - loss: 0.0336 - acc: 0.9889
3705	72/160	[==>.....]	- ETA: 1:07 - loss: 0.0339 - acc: 0.9885
3706	73/160	[==>.....]	- ETA: 1:07 - loss: 0.0337 - acc: 0.9887
3707	74/160	[==>.....]	- ETA: 1:06 - loss: 0.0339 - acc: 0.9885
3708	75/160	[==>.....]	- ETA: 1:05 - loss: 0.0341 - acc: 0.9885
3709	76/160	[==>.....]	- ETA: 1:05 - loss: 0.0343 - acc: 0.9885
3710	77/160	[==>.....]	- ETA: 1:04 - loss: 0.0340 - acc: 0.9887
3711	78/160	[==>.....]	- ETA: 1:03 - loss: 0.0337 - acc: 0.9888
3712	79/160	[==>.....]	- ETA: 1:03 - loss: 0.0337 - acc: 0.9888
3713	80/160	[==>.....]	- ETA: 1:02 - loss: 0.0339 - acc: 0.9886
3714	81/160	[==>.....]	- ETA: 1:01 - loss: 0.0337 - acc: 0.9886
3715	82/160	[==>.....]	- ETA: 1:01 - loss: 0.0338 - acc: 0.9885
3716	83/160	[==>.....]	- ETA: 1:00 - loss: 0.0338 - acc: 0.9885
3717	84/160	[==>.....]	- ETA: 59s - loss: 0.0334 - acc: 0.9886
3718	85/160	[==>.....]	- ETA: 59s - loss: 0.0331 - acc: 0.9888
3719	86/160	[==>.....]	- ETA: 58s - loss: 0.0330 - acc: 0.9887
3720	87/160	[==>.....]	- ETA: 57s - loss: 0.0328 - acc: 0.9887
3721	88/160	[==>.....]	- ETA: 57s - loss: 0.0326 - acc: 0.9889
3722	89/160	[==>.....]	- ETA: 56s - loss: 0.0325 - acc: 0.9889

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3723 90/160 [=====>.....] - ETA: 55s - loss: 0.0323 - acc: 0.9888
3724 91/160 [=====>.....] - ETA: 54s - loss: 0.0332 - acc: 0.9886
3725 92/160 [=====>.....] - ETA: 54s - loss: 0.0332 - acc: 0.9884
3726 93/160 [=====>.....] - ETA: 53s - loss: 0.0333 - acc: 0.9883
3727 94/160 [=====>.....] - ETA: 52s - loss: 0.0331 - acc: 0.9884
3728 95/160 [=====>.....] - ETA: 52s - loss: 0.0327 - acc: 0.9886
3729 96/160 [=====>.....] - ETA: 51s - loss: 0.0326 - acc: 0.9886
3730 97/160 [=====>.....] - ETA: 50s - loss: 0.0326 - acc: 0.9884
3731 98/160 [=====>.....] - ETA: 49s - loss: 0.0324 - acc: 0.9885
3732 99/160 [=====>.....] - ETA: 49s - loss: 0.0324 - acc: 0.9884
3733 100/160 [=====>.....] - ETA: 48s - loss: 0.0322 - acc: 0.9885
3734 101/160 [=====>.....] - ETA: 47s - loss: 0.0324 - acc: 0.9885
3735 102/160 [=====>.....] - ETA: 46s - loss: 0.0324 - acc: 0.9885
3736 103/160 [=====>.....] - ETA: 46s - loss: 0.0321 - acc: 0.9886
3737 104/160 [=====>.....] - ETA: 45s - loss: 0.0324 - acc: 0.9885
3738 105/160 [=====>.....] - ETA: 44s - loss: 0.0322 - acc: 0.9886
3739 106/160 [=====>.....] - ETA: 43s - loss: 0.0321 - acc: 0.9887
3740 107/160 [=====>.....] - ETA: 43s - loss: 0.0324 - acc: 0.9886
3741 108/160 [=====>.....] - ETA: 42s - loss: 0.0332 - acc: 0.9885
3742 109/160 [=====>.....] - ETA: 41s - loss: 0.0330 - acc: 0.9886
3743 110/160 [=====>.....] - ETA: 40s - loss: 0.0328 - acc: 0.9887
3744 111/160 [=====>.....] - ETA: 40s - loss: 0.0326 - acc: 0.9888
3745 112/160 [=====>.....] - ETA: 39s - loss: 0.0325 - acc: 0.9888
3746 113/160 [=====>.....] - ETA: 38s - loss: 0.0327 - acc: 0.9888
3747 114/160 [=====>.....] - ETA: 37s - loss: 0.0331 - acc: 0.9887
3748 115/160 [=====>.....] - ETA: 37s - loss: 0.0331 - acc: 0.9887
3749 116/160 [=====>.....] - ETA: 36s - loss: 0.0331 - acc: 0.9886
3750 117/160 [=====>.....] - ETA: 35s - loss: 0.0329 - acc: 0.9887
3751 118/160 [=====>.....] - ETA: 34s - loss: 0.0327 - acc: 0.9888
3752 119/160 [=====>.....] - ETA: 33s - loss: 0.0326 - acc: 0.9889
3753 120/160 [=====>.....] - ETA: 33s - loss: 0.0334 - acc: 0.9888
3754 121/160 [=====>.....] - ETA: 32s - loss: 0.0334 - acc: 0.9887
3755 122/160 [=====>.....] - ETA: 31s - loss: 0.0335 - acc: 0.9886
3756 123/160 [=====>.....] - ETA: 30s - loss: 0.0333 - acc: 0.9887
3757 124/160 [=====>.....] - ETA: 29s - loss: 0.0332 - acc: 0.9888
3758 125/160 [=====>.....] - ETA: 29s - loss: 0.0330 - acc: 0.9888
3759 126/160 [=====>.....] - ETA: 28s - loss: 0.0328 - acc: 0.9889
3760 127/160 [=====>.....] - ETA: 27s - loss: 0.0327 - acc: 0.9889
3761 128/160 [=====>.....] - ETA: 26s - loss: 0.0326 - acc: 0.9890
3762 129/160 [=====>.....] - ETA: 25s - loss: 0.0332 - acc: 0.9888
3763 130/160 [=====>.....] - ETA: 24s - loss: 0.0330 - acc: 0.9889
3764 131/160 [=====>.....] - ETA: 24s - loss: 0.0329 - acc: 0.9890
3765 132/160 [=====>.....] - ETA: 23s - loss: 0.0331 - acc: 0.9890
3766 133/160 [=====>.....] - ETA: 22s - loss: 0.0329 - acc: 0.9891
3767 134/160 [=====>.....] - ETA: 21s - loss: 0.0332 - acc: 0.9890
3768 135/160 [=====>.....] - ETA: 20s - loss: 0.0332 - acc: 0.9889
3769 136/160 [=====>.....] - ETA: 20s - loss: 0.0330 - acc: 0.9890
3770 137/160 [=====>.....] - ETA: 19s - loss: 0.0333 - acc: 0.9889
3771 138/160 [=====>.....] - ETA: 18s - loss: 0.0335 - acc: 0.9888
3772 139/160 [=====>.....] - ETA: 17s - loss: 0.0336 - acc: 0.9888
3773 140/160 [=====>.....] - ETA: 16s - loss: 0.0336 - acc: 0.9887
3774 141/160 [=====>.....] - ETA: 15s - loss: 0.0346 - acc: 0.9887
3775 142/160 [=====>.....] - ETA: 15s - loss: 0.0345 - acc: 0.9887
3776 143/160 [=====>.....] - ETA: 14s - loss: 0.0345 - acc: 0.9887
3777 144/160 [=====>.....] - ETA: 13s - loss: 0.0343 - acc: 0.9888
3778 145/160 [=====>.....] - ETA: 12s - loss: 0.0342 - acc: 0.9888
3779 146/160 [=====>.....] - ETA: 11s - loss: 0.0344 - acc: 0.9887
3780 147/160 [=====>.....] - ETA: 11s - loss: 0.0343 - acc: 0.9887
3781 148/160 [=====>.....] - ETA: 10s - loss: 0.0343 - acc: 0.9887
3782 149/160 [=====>.....] - ETA: 9s - loss: 0.0342 - acc: 0.9888
3783 150/160 [=====>.....] - ETA: 8s - loss: 0.0342 - acc: 0.9888
3784 151/160 [=====>.....] - ETA: 7s - loss: 0.0341 - acc: 0.9889
3785 152/160 [=====>.....] - ETA: 6s - loss: 0.0339 - acc: 0.9889
3786 153/160 [=====>.....] - ETA: 6s - loss: 0.0338 - acc: 0.9890
3787 154/160 [=====>.....] - ETA: 5s - loss: 0.0336 - acc: 0.9891
3788 155/160 [=====>.....] - ETA: 4s - loss: 0.0335 - acc: 0.9891
3789 156/160 [=====>.....] - ETA: 3s - loss: 0.0333 - acc: 0.9892
3790 157/160 [=====>.....] - ETA: 2s - loss: 0.0332 - acc: 0.9893
3791 158/160 [=====>.....] - ETA: 1s - loss: 0.0333 - acc: 0.9893
3792 159/160 [=====>.....] - ETA: 0s - loss: 0.0339 - acc: 0.9892
3793 160/160 [=====] - 180s 1s/step - loss: 0.0340 - acc: 0.9892 - val_loss: 0.
0387 - val_acc: 0.9926
3794 Trained model!
3795 Model: "sequential"
3796 -----
3797 Layer (type)                Output Shape                Param #
3798 -----

```

```

3799 conv2d (Conv2D)                (None, 124, 124, 32)      832
3800 -----
3801 max_pooling2d (MaxPooling2D) (None, 41, 41, 32)        0
3802 -----
3803 conv2d_1 (Conv2D)                (None, 37, 37, 64)      51264
3804 -----
3805 max_pooling2d_1 (MaxPooling2D) (None, 18, 18, 64)        0
3806 -----
3807 conv2d_2 (Conv2D)                (None, 14, 14, 56)     89656
3808 -----
3809 max_pooling2d_2 (MaxPooling2D) (None, 7, 7, 56)         0
3810 -----
3811 flatten (Flatten)                (None, 2744)             0
3812 -----
3813 dropout (Dropout)                (None, 2744)             0
3814 -----
3815 dense (Dense)                    (None, 70)               192150
3816 -----
3817 dropout_1 (Dropout)              (None, 70)               0
3818 -----
3819 dense_1 (Dense)                  (None, 4)                284
3820 =====
3821 Total params: 334,186
3822 Trainable params: 334,186
3823 Non-trainable params: 0
3824 -----
3825 Saved model!
3826 Execution took 5191.310077905655 seconds
3827
3828 Process finished with exit code 0
3829

```