[下载源文件](#)

得分100.00　最后一次提交时间:2023-03-24 21:17:43

Accept

图像分类耗时	图像分类结果	图像分类概率
0.0217	281	0.4790

CNML: 7.3.0 64ec78d
CNRT: 4.3.0 2c5fed3
CORE NUM: 16
CORE VERSION: 5
input_shape: [1 3 224 224]
creating conv layer ...
output_shape: [1 64 224 224]
creating relu layer ...
output_shape: [1 64 224 224]
creating conv layer ...
output_shape: [1 64 224 224]
creating relu layer ...
output_shape: [1 64 224 224]
creating pooling layer ...
output_shape: [1 64 112 112]
creating conv layer ...
output_shape: [1 128 112 112]
creating relu layer ...
output_shape: [1 128 112 112]
creating conv layer ...
output_shape: [1 128 112 112]
creating relu layer ...
output_shape: [1 128 112 112]
creating pooling layer ...
output_shape: [1 128 56 56]
creating conv layer ...
output_shape: [1 256 56 56]
creating relu layer ...
output_shape: [1 256 56 56]
creating conv layer ...
output_shape: [1 256 56 56]
creating relu layer ...
output_shape: [1 256 56 56]
creating conv layer ...
output_shape: [1 256 56 56]
creating relu layer ...
output_shape: [1 256 56 56]
creating conv layer ...
output_shape: [1 256 56 56]
creating relu layer ...
output_shape: [1 256 56 56]
creating pooling layer ...
output_shape: [1 256 28 28]
creating conv layer ...
output_shape: [1 512 28 28]
creating relu layer ...
output_shape: [1 512 28 28]
creating conv layer ...
output_shape: [1 512 28 28]
creating relu layer ...
output_shape: [1 512 28 28]

creating conv layer ...
output_shape: [1 512 28 28]
creating relu layer ...
output_shape: [1 512 28 28]
creating conv layer ...
output_shape: [1 512 28 28]
creating relu layer ...
output_shape: [1 512 28 28]
creating pooling layer ...
output_shape: [1 512 14 14]
creating conv layer ...
output_shape: [1 512 14 14]
creating relu layer ...
output_shape: [1 512 14 14]
creating conv layer ...
output_shape: [1 512 14 14]
creating relu layer ...
output_shape: [1 512 14 14]
creating conv layer ...
output_shape: [1 512 14 14]
creating relu layer ...
output_shape: [1 512 14 14]
creating conv layer ...
output_shape: [1 512 14 14]
creating relu layer ...
output_shape: [1 512 14 14]
creating pooling layer ...
output_shape: [1 512 7 7]
creating flatten layer ...
output_shape: [1 25088 1 1]
creating mlp layer ...
output_shape: [1 4096 1 1]
creating relu layer ...
output_shape: [1 4096 1 1]
creating mlp layer ...
output_shape: [1 4096 1 1]
creating relu layer ...
output_shape: [1 4096 1 1]
creating mlp layer ...
output_shape: [1 1000 1 1]
creating softmax layer ...
output_shape: [1 1000 1 1]
Loading parameters from file ../imagenet-vgg-verydeep-19.mat
loading params for layer conv1_1 ...
weight size: 1728
load weight time in C++: 448155
loading params for layer conv1_2 ...
weight size: 36864
load weight time in C++: 378151
loading params for layer conv2_1 ...
weight size: 73728
load weight time in C++: 365447
loading params for layer conv2_2 ...
weight size: 147456
load weight time in C++: 456296
loading params for layer conv3_1 ...
weight size: 294912
load weight time in C++: 357091
loading params for layer conv3_2 ...

weight size: 589824

load weight time in C++: 396748

loading params for layer conv3_3 ...

weight size: 589824

load weight time in C++: 114052

loading params for layer conv3_4 ...

weight size: 589824

load weight time in C++: 107964

loading params for layer conv4_1 ...

weight size: 1179648

load weight time in C++: 520642

loading params for layer conv4_2 ...

weight size: 2359296

load weight time in C++: 1.09722e+06

loading params for layer conv4_3 ...

weight size: 2359296

load weight time in C++: 549424

loading params for layer conv4_4 ...

weight size: 2359296

load weight time in C++: 518689

loading params for layer conv5_1 ...

weight size: 2359296

load weight time in C++: 1.00981e+06

loading params for layer conv5_2 ...

weight size: 2359296

load weight time in C++: 523610

loading params for layer conv5_3 ...

weight size: 2359296

load weight time in C++: 461264

loading params for layer conv5_4 ...

weight size: 2359296

load weight time in C++: 457029

loading params for layer fc6 ...

weight size: 102760448

load weight time in C++: 1.82329e+07

loading params for layer fc7 ...

weight size: 16777216

load weight time in C++: 3.05697e+06

loading params for layer fc8 ...

weight size: 4096000

load weight time in C++: 920634

Loading and preprocessing image from ../cat1.jpg

setInputData time in C++: 1170

2023-03-24 13:21:09.008170: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.014091: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.019089: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.024710: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.028751: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.033874: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.040673: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.044895: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.050689: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.054998: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.060050: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.066276: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.070289: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.076111: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.079948: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.085649: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0

2023-03-24 13:21:09.089521: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.095244: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.099088: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.103663: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.111783: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.116282: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.120295: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.125319: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.129260: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.134287: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.138206: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.143253: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.147786: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.151893: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.156414: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.160117: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.164486: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.168152: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.172475: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.176103: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.180448: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.184083: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.187151: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.189988: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.192947: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.225731: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.231099: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.243433: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.247817: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.252098: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.257463: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
2023-03-24 13:21:09.260569: [cnrtError] [7] [Card : 0] Get device core num shouldn't be 0
inference time: 0.255955
Classification result: id = 281, prob = 0.479004
inference time: 0.021660
Classification result: id = 281, prob = 0.479004
inference time: 0.021641
Classification result: id = 281, prob = 0.479004
inference time: 0.021664
Classification result: id = 281, prob = 0.479004
inference time: 0.021655
Classification result: id = 281, prob = 0.479004
inference time: 0.021629
Classification result: id = 281, prob = 0.479004
inference time: 0.021641
Classification result: id = 281, prob = 0.479004
inference time: 0.021616
Classification result: id = 281, prob = 0.479004
inference time: 0.021691
Classification result: id = 281, prob = 0.479004
inference time: 0.021692
Classification result: id = 281, prob = 0.479004