FullyConnected
1000
512
resnete10_flatten0_flatten0
512x1x1
Pooling
avg, 1x1/1x1
512x7x7
Activation
relu
512x7x7
resnete10_stage4__plus5
512x7x7
resnete10_stage4_batchnorm6_fwd
512x7x7
QConvolution
3x3/1x1, 512
512x7x7
QActivation
512x7x7
resnete10_stage4__plus4
512x7x7
resnete10_stage4_batchnorm5_fwd
512x7x7
QConvolution
3x3/1x1, 512
512x7x7
QActivation
512x7x7
resnete10_stage4__plus3
512x7x7
resnete10_stage4_batchnorm4_fwd
512x7x7
QConvolution
3x3/1x1, 512
512x7x7
QActivation
512x7x7
resnete10_stage4__plus2
512x7x7
resnete10_stage4_batchnorm3_fwd
512x7x7
QConvolution
3x3/1x1, 512
512x7x7
QActivation
512x7x7
resnete10_stage4__plus1
512x7x7
resnete10_stage4_batchnorm2_fwd
512x7x7
QConvolution
3x3/1x1, 512
512x7x7
QActivation
512x7x7
resnete10_stage4__plus0
512x7x7
resnete10_stage4_batchnorm0_fwd
resnete10_stage4_batchnorm1_fwd
512x7x7
QConvolution
3x3/2x2, 512
Convolution
1x1/1x1, 512
256x14x14
QActivation
Pooling
avg, 2x2/2x2
256x14x14
resnete10_stage3__plus11
256x14x14
resnete10_stage3_batchnorm12_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus10
256x14x14
resnete10_stage3_batchnorm11_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus9
256x14x14
resnete10_stage3_batchnorm10_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus8
256x14x14
resnete10_stage3_batchnorm9_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus7
256x14x14
resnete10_stage3_batchnorm8_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus6
256x14x14
resnete10_stage3_batchnorm7_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus5
256x14x14
resnete10_stage3_batchnorm6_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus4
256x14x14
resnete10_stage3_batchnorm5_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus3
256x14x14
resnete10_stage3_batchnorm4_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus2
256x14x14
resnete10_stage3_batchnorm3_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus1
256x14x14
resnete10_stage3_batchnorm2_fwd
256x14x14
QConvolution
3x3/1x1, 256
256x14x14
QActivation
256x14x14
resnete10_stage3__plus0
256x14x14
resnete10_stage3_batchnorm0_fwd
resnete10_stage3_batchnorm1_fwd
256x14x14
QConvolution
3x3/2x2, 256
Convolution
1x1/1x1, 256
128x28x28
QActivation
Pooling
avg, 2x2/2x2
128x28x28
resnete10_stage2__plus7
128x28x28
resnete10_stage2_batchnorm8_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus6
128x28x28
resnete10_stage2_batchnorm7_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus5
128x28x28
resnete10_stage2_batchnorm6_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus4
128x28x28
resnete10_stage2_batchnorm5_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus3
128x28x28
resnete10_stage2_batchnorm4_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus2
128x28x28
resnete10_stage2_batchnorm3_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus1
128x28x28
resnete10_stage2_batchnorm2_fwd
128x28x28
QConvolution
3x3/1x1, 128
128x28x28
QActivation
128x28x28
resnete10_stage2__plus0
128x28x28
resnete10_stage2_batchnorm0_fwd
resnete10_stage2_batchnorm1_fwd
128x28x28
QConvolution
3x3/2x2, 128
Convolution
1x1/1x1, 128
64x56x56
QActivation
Pooling
avg, 2x2/2x2
64x56x56
resnete10_stage1__plus5
64x56x56
resnete10_stage1_batchnorm5_fwd
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
QActivation
64x56x56
resnete10_stage1__plus4
64x56x56
resnete10_stage1_batchnorm4_fwd
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
QActivation
64x56x56
resnete10_stage1__plus3
64x56x56
resnete10_stage1_batchnorm3_fwd
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
QActivation
64x56x56
resnete10_stage1__plus2
64x56x56
resnete10_stage1_batchnorm2_fwd
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
QActivation
64x56x56
resnete10_stage1__plus1
64x56x56
resnete10_stage1_batchnorm1_fw
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
QActivation
64x56x56
resnete10_stage1__plus0
64x56x56
resnete10_stage1_batchnorm0_
64x56x56
QConvolution
3x3/1x1, 64
64x56x56
QActivation
64x56x56
resnete10_batchnorm2_fwd
64x56x56
Pooling
max, 3x3/2x2
64x112x112
Activation
relu
64x112x112
resnete10_batchnorm1_fwd
64x112x112
Convolution
3x3/1x1, 64
(8 groups)
32x112x112
Activation
relu
32x112x112
resnete10_stem_batchnorm1_fwd
32x112x112
Convolution
3x3/1x1, 32
(4 groups)
32x112x112
Activation
relu
32x112x112
resnete10_stem_batchnorm0_fwd
32x112x112
Convolution
3x3/2x2, 32
3x224x224
resnete10_batchnorm0_fwd
3x224x224
data