(16, 192, 1, 1) (64, 192, 1, 1) inception3a.branch3.0.bn.bias (16)

MkldnnConvolutionBackward inception3a.branch4.1.conv.weight (32, 192, 1, 1)

MkldnnConvolutionBackward inception3a.branch4.1.conv.weight (32, 192, 1, 1) MkldnnConvolutionBackward inception3a.branch2.1.conv.weight (128, 96, 3, 3) inception3a.branch3.1.conv.weight (32, 16, 3, 3)

ReluBackward1

NativeBatchNormBackward inception3a.branch2.1.bn.bias
(128)

MkldnnConvolutionBackward inception3a.branch3.1.bn.weight inception3a.branch3.1.bn.bias MkldnnConvolutionBackward inception3b.branch3.0.conv.weight inception3b.branch1.conv.weight inception3b.branch2.0.conv.weight (128, 256, 1, 1)(32, 256, 1, 1)(128, 256, 1, 1) inception3b.branch1.bn.bias MkldnnConvolutionBackward MkldnnConvolutionBackward inception3b.branch4.1.conv.weight (64, 256, 1, 1) MaxPool2DWithIndicesBackward MkldnnConvolutionBackward inception3b.branch1.bn.weight (128) inception3b.branch4.1.bn.bias (64) NativeBatchNormBackward inception3b.branch4.1.bn.weight (64) MkldnnConvolutionBackward inception3b.branch2.1.conv.weight (192, 128, 3, 3) inception3b.branch3.1.conv.weight (96, 32, 3, 3)

ReluBackward1

NativeBatchNormBackward inception3b.branch2.1.bn.weight (192) inception3b.branch2.1.bn.bias inception3b.branch3.1.bn.weight inception3b.branch3.1.bn.bias
(96)

MkldnnConvolutionBackward MkldnnConvolutionBackward inception4a.branch2.0.conv.weight (96, 480, 1, 1) inception4a.branch1.conv.weight (192, 480, 1, 1) inception4a.branch3.0.conv.weight (16, 480, 1, 1) MaxPool2DWithIndicesBackward inception4a.branch2.0.bn.weight (96) inception4a.branch2.0.bn.bias (96) inception4a.branch2.0.bn.bias inception4a.branch3.0.bn.weight (16)

inception4a.branch3.0.bn.weight (16)

inception4a.branch3.0.bn.weight (16)

inception4a.branch3.0.bn.weight (192)

inception4a.branch1.bn.weight (192)

inception4a.branch1.bn.weight (192) inception4a.branch4.1.bn.weight (64) inception4a.branch4.1.bn.bias NativeBatchNormBackward inception4a.branch3.1.conv.weight (48, 16, 3, 3) inception4a.branch2.1.conv.weight (208, 96, 3, 3) inception4a.branch3.1.bn.weight (48) inception4a.branch3.1.bn.bias MkldnnConvolutionBackward inception4a.branch2.1.bn.weight (208) inception4a.branch2.1.bn.bias (208) MkldnnConvolutionBackward inception4b.branch1.conv.weight (160, 512, 1, 1) inception4b.branch2.0.conv.weight (112, 512, 1, 1) inception4b.branch3.0.conv.weight (24, 512, 1, 1) inception4b.branch2.0.bn.weight (112) inception4b.branch2.0.bn.weight (124) inception4b.branch3.0.bn.weight (124) inception4b.branch3.0.bn.weight (128, 512, 1, 1) inception4b.branch3.0 NativeBatchNormBackward inception4b.branch4.1.bn.weight (64) inception4b.branch4.1.bn.bias (64) inception4b.branch4.1.bn.bias (128) aux1.conv.bn.weight (128) NativeBatchNormBackward MkldnnConvolutionBackward inception4b.branch3.1.conv.weight (64, 24, 3, 3) inception4b.branch2.1.bn.weight (224) inception4b.branch2.1.bn.bias (224) inception4b.branch3.1.bn.weight (64) inception4b.branch3.1.bn.weight (64) MkldnnConvolutionBackward CatBackward inception4c.branch1.conv.weight (128, 512, 1, 1) aux1.fc2.weight (1000, 1024) ReluBackward1 inception4c.branch3.0.conv.weight (24, 512, 1, 1) inception4c.branch4.1.bn.weight inception4c.branch4.1.bn.bias NativeBatchNormBackward NativeBatchNormBackward MkldnnConvolutionBackward inception4c.branch2.1.conv.weight (256, 128, 3, 3) inception4c.branch3.1.conv.weight (64, 24, 3, 3) NativeBatchNormBackward inception4c.branch2.1.bn.weight (256) inception4c.branch2.1.bn.bias (MkldnnConvolutionBackward inception4c.branch3.1.bn.weight (64) inception4c.branch3.1.bn.bias (MkldnnConvolutionBackward inception4d.branch1.conv.weight inception4d.branch2.0.conv.weight inception4d.branch3.0.conv.weight (144, 512, 1, 1) (32, 512, 1, 1) (112, 512, 1, 1) inception4d.branch2.0.bn.weight (144) inception4d.branch2.0.bn.bias (144) inception4d.branch3.0.bn.weight (32) inception4d.branch3.0.bn.weight (32) inception4d.branch3.0.bn.bias (32) inception4d.branch4.1.conv.weight (64, 512, 1, 1)

MaxPool2DWithIndicesBackward (112)

inception4d.branch1.bn.weight (112)

inception4d.branch1.bn.weight (112) inception4d.branch4.1.bn.weight inception4d.branch4.1.bn.bias NativeBatchNormBackward MkldnnConvolutionBackward inception4d.branch2.1.conv.weight (288, 144, 3, 3) inception4d.branch3.1.conv.weight (64, 32, 3, 3) NativeBatchNormBackward ReluBackward1 inception4d.branch2.1.bn.weight (288) inception4d.branch2.1.bn.bias (288) MkldnnConvolutionBackward inception4d.branch3.1.bn.weight inception4d.branch3.1.bn.bias MkldnnConvolutionBackward ReluBackward1 inception4e.branch3.0.conv.weight (32, 528, 1, 1) inception4e.branch1.conv.weight (256, 528, 1, 1) inception4e.branch2.0.conv.weight (160, 528, 1, 1) inception4e.branch2.0.bn.weight (160) inception4e.branch2.0.bn.bias MkldnnConvolutionBackward inception4e.branch3.0.bn.weight (32) inception4e.branch3.0.bn.weight (128, 528, 1, 1) inception4e.branch4.1.bn.weight (128) inception4e.branch4.1.bn.bias MkldnnConvolutionBackward

aux2.conv.bn.weight (128)

MkldnnConvolutionBackward

MkldnnConvolutionBackward NativeBatchNormBackward NativeBatchNormBackward inception4e.branch3.1.conv.weight (128, 32, 3, 3) inception4e.branch2.1.conv.weight (320, 160, 3, 3) NativeBatchNormBackward NativeBatchNormBackward aux2.fc1.weight (1024, 2048) ReluBackward1 inception4e.branch2.1.bn.weight (320) inception4e.branch2.1.bn.bias inception4e.branch3.1.bn.weight (128) inception4e.branch3.1.bn.bias (128) MkldnnConvolutionBackward MkldnnConvolutionBackward aux2.fc1.bias (1024) ViewBackward aux2.fc2.weight (1000, 1024) ReluBackward1 inception5a.branch1.conv.weight (256, 832, 1, 1)

aux2.fc2.bias (1000)

TBackward

MulBackward0 inception5a.branch2.0.conv.weight (160, 832, 1, 1) inception5a.branch3.0.conv.weight MaxPool2DWithIndicesBackward (32, 832, 1, 1)inception5a.branch4.1.conv.weight (128, 832, 1, 1) MaxPool2DWithIndicesBackward MkldnnConvolutionBackward inception5a.branch2.0.bn.bias
(160)

MkldnnConvolutionBackward

inception5a.branch3.0.bn.weight
(32) inception5a.branch3.0.bn.bias (32) AddmmBackward inception5a.branch1.bn.weight inception5a.branch1.bn.bias MkldnnConvolutionBackward NativeBatchNormBackward inception5a.branch4.1.bn.weight (128) inception5a.branch4.1.bn.bias (128) NativeBatchNormBackward inception5a.branch2.1.conv.weight (320, 160, 3, 3) inception5a.branch3.1.conv.weight (128, 32, 3, 3)

ReluBackward1

NativeBatchNormBackward inception5a.branch2.1.bn.weight (320) inception5a.branch2.1.bn.bias (320) MkldnnConvolutionBackward inception5a.branch3.1.bn.weight (128) inception5a.branch3.1.bn.bias MkldnnConvolutionBackward inception5b.branch2.0.conv.weight (192, 832, 1, 1) inception5b.branch3.0.conv.weight (48, 832, 1, 1) inception5b.branch1.conv.weight (384, 832, 1, 1) inception5b.branch4.1.conv.weight (128, 832, 1, 1) MaxPool2DWithIndicesBackward

MkldnnConvolutionBackward inception5b.branch3.0.bn.bias (48) MkldnnConvolutionBackward inception5b.branch4.1.bn.weight (128) inception5b.branch4.1.bn.bias MkldnnConvolutionBackward inception5b.branch2.1.conv.weight (384, 192, 3, 3) inception5b.branch3.1.conv.weight (128, 48, 3, 3)

ReluBackward1 inception5b.branch3.1.bn.bias
(128)

MkldnnConvolutionBackward inception5b.branch2.1.bn.bias (384) MkldnnConvolutionBackward