```
MkldnnConvolutionBackward body.1.conv.0.1.weight (32) body.1.conv.0.1.bias (32)
                                HardtanhBackward1 body.1.conv.1.weight (16, 32, 1, 1)
                                        MkldnnConvolutionBackward

body.1.conv.2.weight (16)

body.1.conv.2.bias (16)
                                                                      NativeBatchNormBackward body.2.conv.0.0.weight (96, 16, 1, 1)
                                                                                 MkldnnConvolutionBackward body.2.conv.0.1.weight (96) body.2.conv.0.1.bias (96)
                                                                                                                  HardtanhBackward1 body.2.conv.1.0.weight (96, 1, 3, 3)
                                                                                                                         MkldnnConvolutionBackward

body.2.conv.1.1.weight
(96)

body.2.conv.1.1.bias
(96)
                                                                                                                                                                 MkldnnConvolutionBackward

body.2.conv.3.weight (24)

body.2.conv.3.bias (24)
                                                                                                                                                                                                                 MkldnnConvolutionBackward body.3.conv.0.1.weight (144) body.3.conv.0.1.bias (144)
                                                                                                                                                                                                                         HardtanhBackward1 body.3.conv.1.0.weight (144, 1, 3, 3)
                                                                                                                                                                                                                       MkldnnConvolutionBackward body.3.conv.1.1.weight (144) body.3.conv.1.1.bias (144)
                                                                                                                                                                                                                         HardtanhBackward1 body.3.conv.2.weight (24, 144, 1, 1)
                                                                                                                                                                                                                    MkldnnConvolutionBackward body.3.conv.3.weight (24) body.3.conv.3.bias (24)
                                                                                                                                                                                                               AddBackward0 body.4.conv.0.0.weight (144, 24, 1, 1)
                                                                                                                                                                                                                  MkldnnConvolutionBackward

body.4.conv.0.1.weight (144)

body.4.conv.0.1.bias (144)
                                                                                                                                                                                                                                                  NativeBatchNormBackward
                                                                                                                                                                                                                                                   HardtanhBackward1 body.4.conv.1.0.weight (144, 1, 3, 3)
                                                                                                                                                                                                                                                            MkldnnConvolutionBackward

body.4.conv.1.1.weight (144)

body.4.conv.1.1.bias (144)
                                                                                                                                                                                                                                                                                            HardtanhBackward1 body.4.conv.2.weight (32, 144, 1, 1)
                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward

body.4.conv.3.weight
(32)

body.4.conv.3.bias
(32)
                                                                                                                                                                                                                                                                                                                              NativeBatchNormBackward body.5.conv.0.0.weight (192, 32, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                   HardtanhBackward1 body.5.conv.1.0.weight (192, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward body.5.conv.1.1.weight (192) body.5.conv.1.1.bias (192)
                                                                                                                                                                                                                                                                                                                                                                           NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                             body.5.conv.2.weight (32, 192, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                 MkldnnConvolutionBackward body.5.conv.3.weight (32) body.5.conv.3.bias (32)
                                                                                                                                                                                                                                                                                         MkldnnConvolutionBackward fpn.output1.1.weight (256) fpn.output1.1.bias (256)
                                                                                                                                                                                                                                                                                                                                                                          MkldnnConvolutionBackward body.6.conv.0.1.weight (192) body.6.conv.0.1.bias (192)
                                                                                                                                                                                                                                                                                                                        NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                            NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                 HardtanhBackward1 body.6.conv.1.0.weight (192, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward

body.6.conv.1.1.weight (192)

body.6.conv.1.1.bias (192)
                                                                                                                                                                                                                                                                                                                                      LeakyReluBackward1
                                                                                                                                                                                                                                                                                                                                                                                  HardtanhBackward1 body.6.conv.2.weight (32, 192, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward

body.6.conv.3.weight
(32)

body.6.conv.3.bias
(32)
                                                                                                                                                                                                                                                                                                                                                              AddBackward0 body.7.conv.0.0.weight (192, 32, 1, 1)
                                                                                                                                                                                                                                                                                                                                                        MkldnnConvolutionBackward

body.7.conv.0.1.weight (192)

body.7.conv.0.1.bias (192)
                                                                                                                                                                                                                                                                                                                                                                   HardtanhBackward1 body.7.conv.1.0.weight (192, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                 MkldnnConvolutionBackward

body.7.conv.1.1.weight (192)

body.7.conv.1.1.bias (192)
                                                                                                                                                                                                                                                                                                                                                                       HardtanhBackward1 body.7.conv.2.weight (64, 192, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward body.7.conv.3.weight (64) body.7.conv.3.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward body.8.conv.0.1.weight (384) body.8.conv.0.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                                      HardtanhBackward1 body.8.conv.1.0.weight (384, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward body.8.conv.1.1.weight (384) body.8.conv.1.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward body.8.conv.3.weight (64) body.8.conv.3.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                MkldnnConvolutionBackward body.9.conv.0.1.weight (384) body.9.conv.0.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                                  HardtanhBackward1 body.9.conv.1.0.weight (384, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                               MkldnnConvolutionBackward

body.9.conv.1.1.weight (384)

body.9.conv.1.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                                 HardtanhBackward1 body.9.conv.2.weight (64, 384, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                               MkldnnConvolutionBackward

body.9.conv.3.weight | body.9.conv.3.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                               NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                          MkldnnConvolutionBackward body.10.conv.0.1.weight (384) body.10.conv.0.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                            HardtanhBackward1 body.10.conv.1.0.weight (384, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                         MkldnnConvolutionBackward body.10.conv.1.1.weight (384) body.10.conv.1.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                            HardtanhBackward1 body.10.conv.2.weight (64, 384, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                         MkldnnConvolutionBackward

body.10.conv.3.weight | body.10.conv.3.bias (64)
                                                                                                                                                                                                                                                                                                                                                                            AddBackward0 body.11.conv.0.0.weight (384, 64, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                     MkldnnConvolutionBackward body.11.conv.0.1.weight (384) body.11.conv.0.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                                    HardtanhBackward1 body.11.conv.1.0.weight (384, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                 MkldnnConvolutionBackward body.11.conv.1.1.weight (384) body.11.conv.1.1.bias (384)
                                                                                                                                                                                                                                                                                                                                                                                                                                   HardtanhBackward1 body.11.conv.2.weight (96, 384, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                               MkldnnConvolutionBackward body.11.conv.3.weight (96) body.11.conv.3.bias (96)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward body.12.conv.0.1.weight (576) body.12.conv.0.1.bias (576)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HardtanhBackward1 body.12.conv.1.0.weight (576, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward body.12.conv.1.1.weight (576) body.12.conv.1.1.bias (576)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HardtanhBackward1 body.12.conv.2.weight (96, 576, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward body.12.conv.3.weight (96) body.12.conv.3.bias (96)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                AddBackward0 body.13.conv.0.0.weight (576, 96, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MkldnnConvolutionBackward

body.13.conv.0.1.weight (576)

body.13.conv.0.1.bias (576)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HardtanhBackward1 body.13.conv.1.0.weight (576, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward body.13.conv.1.1.weight (576) body.13.conv.1.1.bias (576)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HardtanhBackward1 body.13.conv.2.weight (96, 576, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward body.13.conv.3.weight (96) body.13.conv.3.bias (96)
                                                                                                                                                                                                                                                                                                                                                                                                                                                               AddBackward0 body.14.conv.0.0.weight (576, 96, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                         fpn.output2.0.weight (256, 96, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                  fpn.output2.1.weight (256)

fpn.output2.1.bias (256)

MkldnnConvolutionBackward (576)

body.14.conv.0.1.weight (576)
                                                                                                                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                HardtanhBackward1 body.14.conv.1.0.weight (576, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward body.14.conv.1.1.weight (576) body.14.conv.1.1.bias (576)
                                                                                                                                                                                                                                                                                                                                                                                                                                   LeakyReluBackward1
                                                                                                                                                                                                                                                                                                                                                                                                                                                          HardtanhBackward1 body.14.conv.2.weight (160, 576, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                     MkldnnConvolutionBackward body.14.conv.3.weight (160) body.14.conv.3.bias (160)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NativeBatchNormBackward body.15.conv.0.0.weight (960, 160, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MkldnnConvolutionBackward body.15.conv.0.1.weight (960) body.15.conv.0.1.bias (960)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HardtanhBackward1 body.15.conv.1.0.weight (960, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MkldnnConvolutionBackward

body.15.conv.1.1.weight (960)

body.15.conv.1.1.bias (960)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HardtanhBackward1 body.15.conv.2.weight (160, 960, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MkldnnConvolutionBackward

body.15.conv.3.weight (160)

body.15.conv.3.bias (160)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MkldnnConvolutionBackward body.16.conv.0.1.weight (960) body.16.conv.0.1.bias (960)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HardtanhBackward1 body.16.conv.1.0.weight (960, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MkldnnConvolutionBackward

body.16.conv.1.1.weight (960)

body.16.conv.1.1.bias (960)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HardtanhBackward1 body.16.conv.2.weight (160, 960, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MkldnnConvolutionBackward body.16.conv.3.weight (160) body.16.conv.3.bias (160)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward body.17.conv.0.1.weight (960) body.17.conv.0.1.bias (960)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        body.17.conv.1.0.weight (960, 1, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HardtanhBackward1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward body.17.conv.1.1.weight (960) body.17.conv.1.1.bias (960)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 body.17.conv.2.weight (320, 960, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HardtanhBackward1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MkldnnConvolutionBackward body.17.conv.3.weight (320) body.17.conv.3.bias (320)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MkldnnConvolutionBackward body.18.1.weight (1280) body.18.1.bias (1280)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          fpn.output3.0.weight (256, 1280, 1, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MkldnnConvolutionBackward fpn.output3.1.weight (256) fpn.output3.1.bias (256)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LeakyReluBackward1 ssh3.conv3X3.0.weight (128, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ssh3.conv5X5_1.0.weight (64, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ssh3.conv3X3.1.weight (128) ssh3.conv5X5_1.1.weight (64) ssh3.conv5X5_1.1.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                       AddBackward0
                                                                                                                                                                                                                                                                                                                                                                                                                                                          fpn.merge2.0.weight (256, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LeakyReluBackward1 ssh3.conv7X7_2.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                               MkldnnConvolutionBackward fpn.merge2.1.weight (256) fpn.merge2.1.bias (256)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ssh3.conv5X5_2.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MkldnnConvolutionBackward

ssh3.conv5X5_2.1.weight (64)

ssh3.conv5X5_2.1.bias (64)

MkldnnConvolutionBackward

ssh3.conv7X7_2.1.weight (64)

ssh3.conv7X7_2.1.weight (64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                    LeakyReluBackward1 ssh2.conv3X3.0.weight (128, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ssh2.conv5X5_1.0.weight (64, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LeakyReluBackward1 ssh3.conv7x7_3.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MkldnnConvolutionBackward

ssh2.conv3X3.1.weight (128)

ssh2.conv3X3.1.bias (128)

MkldnnConvolutionBackward

ssh2.conv5X5_1.1.weight (64)

ssh2.conv5X5_1.1.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MkldnnConvolutionBackward ssh3.conv7x7_3.1.weight (64) ssh3.conv7x7_3.1.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ssh2.conv7X7_2.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                            MkldnnConvolutionBackward fpn.merge1.1.weight (256) fpn.merge1.1.bias (256)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ssh2.conv5X5_2.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LeakyReluBackward1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MkldnnConvolutionBackward ssh2.conv7X7_2.1.weight (64) ssh2.conv7X7_2.1.bias CatBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MkldnnConvolutionBackward ssh2.conv5X5_2.1.weight (64) ssh2.conv5X5_2.1.bias (64)
                                                                                                                                                                                                                                                                                                                                                                          NativeBatchNormBackward
                                                                                                                                                                                                                                                                                                                          ssh1.conv3X3.0.weight (128, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                        ssh1.conv5X5_1.0.weight (64, 256, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                            LeakyReluBackward1
                                                                                                                                                                                                                                                                                                                                                                                                     MkldnnConvolutionBackward

ssh1.conv5X5_1.1.weight
(64)

ssh1.conv5X5_1.1.bias
(64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LeakyReluBackward1 ssh2.conv7x7_3.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                     MkldnnConvolutionBackward ssh1.conv3X3.1.weight (128) ssh1.conv3X3.1.bias (128)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MkldnnConvolutionBackward

ssh2.conv7x7_3.1.weight (64)

ssh2.conv7x7_3.1.bias (64)
                                                                                                                                                                                                                                                                                                                                                                           ssh1.conv5X5_2.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ssh1.conv7X7_2.0.weight (64, 64, 3, 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                       LeakyReluBackward1
                                                                                                                                                                                                                                                                                                                                                                       MkldnnConvolutionBackward ssh1.conv5X5_2.1.weight (64) ssh1.conv5X5_2.1.bias (64)
                                                                                                                                                                                                                                                                                                                                                                                                                                                               MkldnnConvolutionBackward

ssh1.conv7X7_2.1.weight (64)

ssh1.conv7X7_2.1.bias (64)

CatBackward
                                                                                                                                                                                                                                                                                                                                                                                                                                                               LeakyReluBackward1 ssh1.conv7x7_3.0.weight (64, 64, 3, 3)
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MkldnnConvolutionBackward ssh1.conv7x7_3.1.weight ssh1.conv7x7_3.1.bias (64)