ResNet

Source: torchvision.models.resnet v0.14.1
NNViz v0.4.0

Input
x

shape: (1, 3, 224, 224)
dtype: torch.float32

Conv2d
conv1
params: 9.41K (0.08%)
src: torch.nn.modules.conv.Conv2d

shape: (1, 64, 112, 112)
dtype: torch.float32

BatchNorm2d
bn1
params: 128 (0.00%)
src: torch.nn.modules.batchnorm.BatchNorm2d

shape: (1, 64, 112, 112)
dtype: torch.float32

ReLU
relu
src: torch.nn.modules.activation.ReLU

shape: (1, 64, 112, 112)
dtype: torch.float32

MaxPool2d
maxpool
src: torch.nn.modules.pooling.MaxPool2d

shape: (1, 64, 56, 56)
dtype: torch.float32

layer1
params: 147.97K (1.27%)

shape: (1, 64, 56, 56)
dtype: torch.float32

layer2
params: 525.57K (4.50%)

shape: (1, 128, 28, 28)
dtype: torch.float32

layer3
params: 2.10M (17.96%)

shape: (1, 256, 14, 14)
dtype: torch.float32

layer4
params: 8.39M (71.81%)

shape: (1, 512, 7, 7)
dtype: torch.float32

AdaptiveAvgPool2d
avgpool
src: torch.nn.modules.pooling.AdaptiveAvgPool2d

shape: (1, 512, 1, 1)
dtype: torch.float32

flatten
flatten
args: 1
src: torch.flatten

shape: (1, 512)
dtype: torch.float32

Linear
fc
params: 513.00K (4.39%)
src: torch.nn.modules.linear.Linear

shape: (1, 1000)
dtype: torch.float32

Output
output