#222Tensorflow Kernel

X

y

training/input

training

hidden1/kernel/Initializer/truncated\_normal/shape

hidden1/kernel/Initializer/truncated\_normal/mean

hidden1/kernel/Initializer/truncated\_normal/stddev

hidden1/kernel/Initializer/truncated\_normal/TruncatedNormal

hidden1/kernel/Initializer/truncated\_normal/mul

hidden1/kernel/Initializer/truncated\_normal

hidden1/kernel

hidden1/kernel/Assign

hidden1/kernel/read

hidden1/bias/Initializer/zeros

hidden1/bias

hidden1/bias/Assign

hidden1/bias/read

hidden1/MatMul

hidden1/BiasAdd

batch\_normalization/gamma/Initializer/ones

batch\_normalization/gamma

batch\_normalization/gamma/Assign

batch\_normalization/gamma/read

batch\_normalization/beta/Initializer/zeros

batch\_normalization/beta

batch\_normalization/beta/Assign

batch\_normalization/beta/read

batch\_normalization/moving\_mean/Initializer/zeros

batch\_normalization/moving\_mean

batch\_normalization/moving\_mean/Assign

batch\_normalization/moving\_mean/read

batch\_normalization/moving\_variance/Initializer/ones

batch\_normalization/moving\_variance

batch\_normalization/moving\_variance/Assign

batch\_normalization/moving\_variance/read

batch\_normalization/moments/mean/reduction\_indices

batch\_normalization/moments/mean

batch\_normalization/moments/StopGradient

batch\_normalization/moments/SquaredDifference

batch\_normalization/moments/variance/reduction\_indices

batch\_normalization/moments/variance

batch\_normalization/moments/Squeeze

batch\_normalization/moments/Squeeze\_1

batch\_normalization/cond/Switch

batch\_normalization/cond/switch\_t

batch\_normalization/cond/switch\_f

batch\_normalization/cond/pred\_id

batch\_normalization/cond/Switch\_1

batch\_normalization/cond/Switch\_2

batch\_normalization/cond/Merge

batch\_normalization/cond\_1/Switch

batch\_normalization/cond\_1/switch\_t

batch\_normalization/cond\_1/switch\_f

batch\_normalization/cond\_1/pred\_id

batch\_normalization/cond\_1/Switch\_1

batch\_normalization/cond\_1/Switch\_2

batch\_normalization/cond\_1/Merge

batch\_normalization/cond\_2/Switch

batch\_normalization/cond\_2/switch\_t

batch\_normalization/cond\_2/switch\_f

batch\_normalization/cond\_2/pred\_id

batch\_normalization/cond\_2/AssignMovingAvg/decay

batch\_normalization/cond\_2/AssignMovingAvg/sub/Switch

batch\_normalization/cond\_2/AssignMovingAvg/sub/Switch\_1

batch\_normalization/cond\_2/AssignMovingAvg/sub

batch\_normalization/cond\_2/AssignMovingAvg/mul

batch\_normalization/cond\_2/AssignMovingAvg/Switch

batch\_normalization/cond\_2/AssignMovingAvg

batch\_normalization/cond\_2/Switch\_1

batch\_normalization/cond\_2/Merge

batch\_normalization/cond\_3/Switch

batch\_normalization/cond\_3/switch\_t

batch\_normalization/cond\_3/switch\_f

batch\_normalization/cond\_3/pred\_id

batch\_normalization/cond\_3/AssignMovingAvg/decay

batch\_normalization/cond\_3/AssignMovingAvg/sub/Switch

batch\_normalization/cond\_3/AssignMovingAvg/sub/Switch\_1

batch\_normalization/cond\_3/AssignMovingAvg/sub

batch\_normalization/cond\_3/AssignMovingAvg/mul

batch\_normalization/cond\_3/AssignMovingAvg/Switch

batch\_normalization/cond\_3/AssignMovingAvg

batch\_normalization/cond\_3/Switch\_1

batch\_normalization/cond\_3/Merge

batch\_normalization/batchnorm/add/y

batch\_normalization/batchnorm/add

batch\_normalization/batchnorm/Rsqrt

batch\_normalization/batchnorm/mul

batch\_normalization/batchnorm/mul\_1

batch\_normalization/batchnorm/mul\_2

batch\_normalization/batchnorm/sub

batch\_normalization/batchnorm/add\_1

mul/x

mul

hidden1\_out

hidden2/kernel/Initializer/truncated\_normal/shape

hidden2/kernel/Initializer/truncated\_normal/mean

hidden2/kernel/Initializer/truncated\_normal/stddev

hidden2/kernel/Initializer/truncated\_normal/TruncatedNormal

hidden2/kernel/Initializer/truncated\_normal/mul

hidden2/kernel/Initializer/truncated\_normal

hidden2/kernel

hidden2/kernel/Assign

hidden2/kernel/read

hidden2/bias/Initializer/zeros

hidden2/bias

hidden2/bias/Assign

hidden2/bias/read

hidden2/MatMul

hidden2/BiasAdd

batch\_normalization\_1/gamma/Initializer/ones

batch\_normalization\_1/gamma

batch\_normalization\_1/gamma/Assign

batch\_normalization\_1/gamma/read

batch\_normalization\_1/beta/Initializer/zeros

batch\_normalization\_1/beta

batch\_normalization\_1/beta/Assign

batch\_normalization\_1/beta/read

batch\_normalization\_1/moving\_mean/Initializer/zeros

batch\_normalization\_1/moving\_mean

batch\_normalization\_1/moving\_mean/Assign

batch\_normalization\_1/moving\_mean/read

batch\_normalization\_1/moving\_variance/Initializer/ones

batch\_normalization\_1/moving\_variance

batch\_normalization\_1/moving\_variance/Assign

batch\_normalization\_1/moving\_variance/read

batch\_normalization\_1/moments/mean/reduction\_indices

batch\_normalization\_1/moments/mean

batch\_normalization\_1/moments/StopGradient

batch\_normalization\_1/moments/SquaredDifference

batch\_normalization\_1/moments/variance/reduction\_indices

batch\_normalization\_1/moments/variance

batch\_normalization\_1/moments/Squeeze

batch\_normalization\_1/moments/Squeeze\_1

batch\_normalization\_1/cond/Switch

batch\_normalization\_1/cond/switch\_t

batch\_normalization\_1/cond/switch\_f

batch\_normalization\_1/cond/pred\_id

batch\_normalization\_1/cond/Switch\_1

batch\_normalization\_1/cond/Switch\_2

batch\_normalization\_1/cond/Merge

batch\_normalization\_1/cond\_1/Switch

batch\_normalization\_1/cond\_1/switch\_t

batch\_normalization\_1/cond\_1/switch\_f

batch\_normalization\_1/cond\_1/pred\_id

batch\_normalization\_1/cond\_1/Switch\_1

batch\_normalization\_1/cond\_1/Switch\_2

batch\_normalization\_1/cond\_1/Merge

batch\_normalization\_1/cond\_2/Switch

batch\_normalization\_1/cond\_2/switch\_t

batch\_normalization\_1/cond\_2/switch\_f

batch\_normalization\_1/cond\_2/pred\_id

batch\_normalization\_1/cond\_2/AssignMovingAvg/decay

batch\_normalization\_1/cond\_2/AssignMovingAvg/sub/Switch

batch\_normalization\_1/cond\_2/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_1/cond\_2/AssignMovingAvg/sub

batch\_normalization\_1/cond\_2/AssignMovingAvg/mul

batch\_normalization\_1/cond\_2/AssignMovingAvg/Switch

batch\_normalization\_1/cond\_2/AssignMovingAvg

batch\_normalization\_1/cond\_2/Switch\_1

batch\_normalization\_1/cond\_2/Merge

batch\_normalization\_1/cond\_3/Switch

batch\_normalization\_1/cond\_3/switch\_t

batch\_normalization\_1/cond\_3/switch\_f

batch\_normalization\_1/cond\_3/pred\_id

batch\_normalization\_1/cond\_3/AssignMovingAvg/decay

batch\_normalization\_1/cond\_3/AssignMovingAvg/sub/Switch

batch\_normalization\_1/cond\_3/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_1/cond\_3/AssignMovingAvg/sub

batch\_normalization\_1/cond\_3/AssignMovingAvg/mul

batch\_normalization\_1/cond\_3/AssignMovingAvg/Switch

batch\_normalization\_1/cond\_3/AssignMovingAvg

batch\_normalization\_1/cond\_3/Switch\_1

batch\_normalization\_1/cond\_3/Merge

batch\_normalization\_1/batchnorm/add/y

batch\_normalization\_1/batchnorm/add

batch\_normalization\_1/batchnorm/Rsqrt

batch\_normalization\_1/batchnorm/mul

batch\_normalization\_1/batchnorm/mul\_1

batch\_normalization\_1/batchnorm/mul\_2

batch\_normalization\_1/batchnorm/sub

batch\_normalization\_1/batchnorm/add\_1

mul\_1/x

mul\_1

hidden2\_out

hidden3/kernel/Initializer/truncated\_normal/shape

hidden3/kernel/Initializer/truncated\_normal/mean

hidden3/kernel/Initializer/truncated\_normal/stddev

hidden3/kernel/Initializer/truncated\_normal/TruncatedNormal

hidden3/kernel/Initializer/truncated\_normal/mul

hidden3/kernel/Initializer/truncated\_normal

hidden3/kernel

hidden3/kernel/Assign

hidden3/kernel/read

hidden3/bias/Initializer/zeros

hidden3/bias

hidden3/bias/Assign

hidden3/bias/read

hidden3/MatMul

hidden3/BiasAdd

batch\_normalization\_2/gamma/Initializer/ones

batch\_normalization\_2/gamma

batch\_normalization\_2/gamma/Assign

batch\_normalization\_2/gamma/read

batch\_normalization\_2/beta/Initializer/zeros

batch\_normalization\_2/beta

batch\_normalization\_2/beta/Assign

batch\_normalization\_2/beta/read

batch\_normalization\_2/moving\_mean/Initializer/zeros

batch\_normalization\_2/moving\_mean

batch\_normalization\_2/moving\_mean/Assign

batch\_normalization\_2/moving\_mean/read

batch\_normalization\_2/moving\_variance/Initializer/ones

batch\_normalization\_2/moving\_variance

batch\_normalization\_2/moving\_variance/Assign

batch\_normalization\_2/moving\_variance/read

batch\_normalization\_2/moments/mean/reduction\_indices

batch\_normalization\_2/moments/mean

batch\_normalization\_2/moments/StopGradient

batch\_normalization\_2/moments/SquaredDifference

batch\_normalization\_2/moments/variance/reduction\_indices

batch\_normalization\_2/moments/variance

batch\_normalization\_2/moments/Squeeze

batch\_normalization\_2/moments/Squeeze\_1

batch\_normalization\_2/cond/Switch

batch\_normalization\_2/cond/switch\_t

batch\_normalization\_2/cond/switch\_f

batch\_normalization\_2/cond/pred\_id

batch\_normalization\_2/cond/Switch\_1

batch\_normalization\_2/cond/Switch\_2

batch\_normalization\_2/cond/Merge

batch\_normalization\_2/cond\_1/Switch

batch\_normalization\_2/cond\_1/switch\_t

batch\_normalization\_2/cond\_1/switch\_f

batch\_normalization\_2/cond\_1/pred\_id

batch\_normalization\_2/cond\_1/Switch\_1

batch\_normalization\_2/cond\_1/Switch\_2

batch\_normalization\_2/cond\_1/Merge

batch\_normalization\_2/cond\_2/Switch

batch\_normalization\_2/cond\_2/switch\_t

batch\_normalization\_2/cond\_2/switch\_f

batch\_normalization\_2/cond\_2/pred\_id

batch\_normalization\_2/cond\_2/AssignMovingAvg/decay

batch\_normalization\_2/cond\_2/AssignMovingAvg/sub/Switch

batch\_normalization\_2/cond\_2/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_2/cond\_2/AssignMovingAvg/sub

batch\_normalization\_2/cond\_2/AssignMovingAvg/mul

batch\_normalization\_2/cond\_2/AssignMovingAvg/Switch

batch\_normalization\_2/cond\_2/AssignMovingAvg

batch\_normalization\_2/cond\_2/Switch\_1

batch\_normalization\_2/cond\_2/Merge

batch\_normalization\_2/cond\_3/Switch

batch\_normalization\_2/cond\_3/switch\_t

batch\_normalization\_2/cond\_3/switch\_f

batch\_normalization\_2/cond\_3/pred\_id

batch\_normalization\_2/cond\_3/AssignMovingAvg/decay

batch\_normalization\_2/cond\_3/AssignMovingAvg/sub/Switch

batch\_normalization\_2/cond\_3/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_2/cond\_3/AssignMovingAvg/sub

batch\_normalization\_2/cond\_3/AssignMovingAvg/mul

batch\_normalization\_2/cond\_3/AssignMovingAvg/Switch

batch\_normalization\_2/cond\_3/AssignMovingAvg

batch\_normalization\_2/cond\_3/Switch\_1

batch\_normalization\_2/cond\_3/Merge

batch\_normalization\_2/batchnorm/add/y

batch\_normalization\_2/batchnorm/add

batch\_normalization\_2/batchnorm/Rsqrt

batch\_normalization\_2/batchnorm/mul

batch\_normalization\_2/batchnorm/mul\_1

batch\_normalization\_2/batchnorm/mul\_2

batch\_normalization\_2/batchnorm/sub

batch\_normalization\_2/batchnorm/add\_1

mul\_2/x

mul\_2

hidden3\_out

hidden4/kernel/Initializer/truncated\_normal/shape

hidden4/kernel/Initializer/truncated\_normal/mean

hidden4/kernel/Initializer/truncated\_normal/stddev

hidden4/kernel/Initializer/truncated\_normal/TruncatedNormal

hidden4/kernel/Initializer/truncated\_normal/mul

hidden4/kernel/Initializer/truncated\_normal

hidden4/kernel

hidden4/kernel/Assign

hidden4/kernel/read

hidden4/bias/Initializer/zeros

hidden4/bias

hidden4/bias/Assign

hidden4/bias/read

hidden4/MatMul

hidden4/BiasAdd

batch\_normalization\_3/gamma/Initializer/ones

batch\_normalization\_3/gamma

batch\_normalization\_3/gamma/Assign

batch\_normalization\_3/gamma/read

batch\_normalization\_3/beta/Initializer/zeros

batch\_normalization\_3/beta

batch\_normalization\_3/beta/Assign

batch\_normalization\_3/beta/read

batch\_normalization\_3/moving\_mean/Initializer/zeros

batch\_normalization\_3/moving\_mean

batch\_normalization\_3/moving\_mean/Assign

batch\_normalization\_3/moving\_mean/read

batch\_normalization\_3/moving\_variance/Initializer/ones

batch\_normalization\_3/moving\_variance

batch\_normalization\_3/moving\_variance/Assign

batch\_normalization\_3/moving\_variance/read

batch\_normalization\_3/moments/mean/reduction\_indices

batch\_normalization\_3/moments/mean

batch\_normalization\_3/moments/StopGradient

batch\_normalization\_3/moments/SquaredDifference

batch\_normalization\_3/moments/variance/reduction\_indices

batch\_normalization\_3/moments/variance

batch\_normalization\_3/moments/Squeeze

batch\_normalization\_3/moments/Squeeze\_1

batch\_normalization\_3/cond/Switch

batch\_normalization\_3/cond/switch\_t

batch\_normalization\_3/cond/switch\_f

batch\_normalization\_3/cond/pred\_id

batch\_normalization\_3/cond/Switch\_1

batch\_normalization\_3/cond/Switch\_2

batch\_normalization\_3/cond/Merge

batch\_normalization\_3/cond\_1/Switch

batch\_normalization\_3/cond\_1/switch\_t

batch\_normalization\_3/cond\_1/switch\_f

batch\_normalization\_3/cond\_1/pred\_id

batch\_normalization\_3/cond\_1/Switch\_1

batch\_normalization\_3/cond\_1/Switch\_2

batch\_normalization\_3/cond\_1/Merge

batch\_normalization\_3/cond\_2/Switch

batch\_normalization\_3/cond\_2/switch\_t

batch\_normalization\_3/cond\_2/switch\_f

batch\_normalization\_3/cond\_2/pred\_id

batch\_normalization\_3/cond\_2/AssignMovingAvg/decay

batch\_normalization\_3/cond\_2/AssignMovingAvg/sub/Switch

batch\_normalization\_3/cond\_2/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_3/cond\_2/AssignMovingAvg/sub

batch\_normalization\_3/cond\_2/AssignMovingAvg/mul

batch\_normalization\_3/cond\_2/AssignMovingAvg/Switch

batch\_normalization\_3/cond\_2/AssignMovingAvg

batch\_normalization\_3/cond\_2/Switch\_1

batch\_normalization\_3/cond\_2/Merge

batch\_normalization\_3/cond\_3/Switch

batch\_normalization\_3/cond\_3/switch\_t

batch\_normalization\_3/cond\_3/switch\_f

batch\_normalization\_3/cond\_3/pred\_id

batch\_normalization\_3/cond\_3/AssignMovingAvg/decay

batch\_normalization\_3/cond\_3/AssignMovingAvg/sub/Switch

batch\_normalization\_3/cond\_3/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_3/cond\_3/AssignMovingAvg/sub

batch\_normalization\_3/cond\_3/AssignMovingAvg/mul

batch\_normalization\_3/cond\_3/AssignMovingAvg/Switch

batch\_normalization\_3/cond\_3/AssignMovingAvg

batch\_normalization\_3/cond\_3/Switch\_1

batch\_normalization\_3/cond\_3/Merge

batch\_normalization\_3/batchnorm/add/y

batch\_normalization\_3/batchnorm/add

batch\_normalization\_3/batchnorm/Rsqrt

batch\_normalization\_3/batchnorm/mul

batch\_normalization\_3/batchnorm/mul\_1

batch\_normalization\_3/batchnorm/mul\_2

batch\_normalization\_3/batchnorm/sub

batch\_normalization\_3/batchnorm/add\_1

mul\_3/x

mul\_3

hidden4\_out

hidden5/kernel/Initializer/truncated\_normal/shape

hidden5/kernel/Initializer/truncated\_normal/mean

hidden5/kernel/Initializer/truncated\_normal/stddev

hidden5/kernel/Initializer/truncated\_normal/TruncatedNormal

hidden5/kernel/Initializer/truncated\_normal/mul

hidden5/kernel/Initializer/truncated\_normal

hidden5/kernel

hidden5/kernel/Assign

hidden5/kernel/read

hidden5/bias/Initializer/zeros

hidden5/bias

hidden5/bias/Assign

hidden5/bias/read

hidden5/MatMul

hidden5/BiasAdd

batch\_normalization\_4/gamma/Initializer/ones

batch\_normalization\_4/gamma

batch\_normalization\_4/gamma/Assign

batch\_normalization\_4/gamma/read

batch\_normalization\_4/beta/Initializer/zeros

batch\_normalization\_4/beta

batch\_normalization\_4/beta/Assign

batch\_normalization\_4/beta/read

batch\_normalization\_4/moving\_mean/Initializer/zeros

batch\_normalization\_4/moving\_mean

batch\_normalization\_4/moving\_mean/Assign

batch\_normalization\_4/moving\_mean/read

batch\_normalization\_4/moving\_variance/Initializer/ones

batch\_normalization\_4/moving\_variance

batch\_normalization\_4/moving\_variance/Assign

batch\_normalization\_4/moving\_variance/read

batch\_normalization\_4/moments/mean/reduction\_indices

batch\_normalization\_4/moments/mean

batch\_normalization\_4/moments/StopGradient

batch\_normalization\_4/moments/SquaredDifference

batch\_normalization\_4/moments/variance/reduction\_indices

batch\_normalization\_4/moments/variance

batch\_normalization\_4/moments/Squeeze

batch\_normalization\_4/moments/Squeeze\_1

batch\_normalization\_4/cond/Switch

batch\_normalization\_4/cond/switch\_t

batch\_normalization\_4/cond/switch\_f

batch\_normalization\_4/cond/pred\_id

batch\_normalization\_4/cond/Switch\_1

batch\_normalization\_4/cond/Switch\_2

batch\_normalization\_4/cond/Merge

batch\_normalization\_4/cond\_1/Switch

batch\_normalization\_4/cond\_1/switch\_t

batch\_normalization\_4/cond\_1/switch\_f

batch\_normalization\_4/cond\_1/pred\_id

batch\_normalization\_4/cond\_1/Switch\_1

batch\_normalization\_4/cond\_1/Switch\_2

batch\_normalization\_4/cond\_1/Merge

batch\_normalization\_4/cond\_2/Switch

batch\_normalization\_4/cond\_2/switch\_t

batch\_normalization\_4/cond\_2/switch\_f

batch\_normalization\_4/cond\_2/pred\_id

batch\_normalization\_4/cond\_2/AssignMovingAvg/decay

batch\_normalization\_4/cond\_2/AssignMovingAvg/sub/Switch

batch\_normalization\_4/cond\_2/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_4/cond\_2/AssignMovingAvg/sub

batch\_normalization\_4/cond\_2/AssignMovingAvg/mul

batch\_normalization\_4/cond\_2/AssignMovingAvg/Switch

batch\_normalization\_4/cond\_2/AssignMovingAvg

batch\_normalization\_4/cond\_2/Switch\_1

batch\_normalization\_4/cond\_2/Merge

batch\_normalization\_4/cond\_3/Switch

batch\_normalization\_4/cond\_3/switch\_t

batch\_normalization\_4/cond\_3/switch\_f

batch\_normalization\_4/cond\_3/pred\_id

batch\_normalization\_4/cond\_3/AssignMovingAvg/decay

batch\_normalization\_4/cond\_3/AssignMovingAvg/sub/Switch

batch\_normalization\_4/cond\_3/AssignMovingAvg/sub/Switch\_1

batch\_normalization\_4/cond\_3/AssignMovingAvg/sub

batch\_normalization\_4/cond\_3/AssignMovingAvg/mul

batch\_normalization\_4/cond\_3/AssignMovingAvg/Switch

batch\_normalization\_4/cond\_3/AssignMovingAvg

batch\_normalization\_4/cond\_3/Switch\_1

batch\_normalization\_4/cond\_3/Merge

batch\_normalization\_4/batchnorm/add/y

batch\_normalization\_4/batchnorm/add

batch\_normalization\_4/batchnorm/Rsqrt

batch\_normalization\_4/batchnorm/mul

batch\_normalization\_4/batchnorm/mul\_1

batch\_normalization\_4/batchnorm/mul\_2

batch\_normalization\_4/batchnorm/sub

batch\_normalization\_4/batchnorm/add\_1

mul\_4/x

mul\_4

hidden5\_out

logits/kernel/Initializer/truncated\_normal/shape

logits/kernel/Initializer/truncated\_normal/mean

logits/kernel/Initializer/truncated\_normal/stddev

logits/kernel/Initializer/truncated\_normal/TruncatedNormal

logits/kernel/Initializer/truncated\_normal/mul

logits/kernel/Initializer/truncated\_normal

logits/kernel

logits/kernel/Assign

logits/kernel/read

logits/bias/Initializer/zeros

logits/bias

logits/bias/Assign

logits/bias/read

logits/MatMul

logits/BiasAdd

Y\_proba

SparseSoftmaxCrossEntropyWithLogits/Shape

SparseSoftmaxCrossEntropyWithLogits/SparseSoftmaxCrossEntropyWithLogits

Const

loss

gradients/Shape

gradients/grad\_ys\_0

gradients/Fill

gradients/loss\_grad/Reshape/shape

gradients/loss\_grad/Reshape

gradients/loss\_grad/Shape

gradients/loss\_grad/Tile

gradients/loss\_grad/Shape\_1

gradients/loss\_grad/Shape\_2

gradients/loss\_grad/Const

gradients/loss\_grad/Prod

gradients/loss\_grad/Const\_1

gradients/loss\_grad/Prod\_1

gradients/loss\_grad/Maximum/y

gradients/loss\_grad/Maximum

gradients/loss\_grad/floordiv

gradients/loss\_grad/Cast

gradients/loss\_grad/truediv

gradients/zeros\_like

gradients/SparseSoftmaxCrossEntropyWithLogits/SparseSoftmaxCrossEntropyWithLogits\_grad/PreventGradient

gradients/SparseSoftmaxCrossEntropyWithLogits/SparseSoftmaxCrossEntropyWithLogits\_grad/ExpandDims/dim

gradients/SparseSoftmaxCrossEntropyWithLogits/SparseSoftmaxCrossEntropyWithLogits\_grad/ExpandDims

gradients/SparseSoftmaxCrossEntropyWithLogits/SparseSoftmaxCrossEntropyWithLogits\_grad/mul

gradients/logits/BiasAdd\_grad/BiasAddGrad

gradients/logits/BiasAdd\_grad/tuple/group\_deps

gradients/logits/BiasAdd\_grad/tuple/control\_dependency

gradients/logits/BiasAdd\_grad/tuple/control\_dependency\_1

gradients/logits/MatMul\_grad/MatMul

gradients/logits/MatMul\_grad/MatMul\_1

gradients/logits/MatMul\_grad/tuple/group\_deps

gradients/logits/MatMul\_grad/tuple/control\_dependency

gradients/logits/MatMul\_grad/tuple/control\_dependency\_1

gradients/hidden5\_out\_grad/Shape

gradients/hidden5\_out\_grad/Shape\_1

gradients/hidden5\_out\_grad/Shape\_2

gradients/hidden5\_out\_grad/zeros/Const

gradients/hidden5\_out\_grad/zeros

gradients/hidden5\_out\_grad/GreaterEqual

gradients/hidden5\_out\_grad/BroadcastGradientArgs

gradients/hidden5\_out\_grad/Select

gradients/hidden5\_out\_grad/Select\_1

gradients/hidden5\_out\_grad/Sum

gradients/hidden5\_out\_grad/Reshape

gradients/hidden5\_out\_grad/Sum\_1

gradients/hidden5\_out\_grad/Reshape\_1

gradients/hidden5\_out\_grad/tuple/group\_deps

gradients/hidden5\_out\_grad/tuple/control\_dependency

gradients/hidden5\_out\_grad/tuple/control\_dependency\_1

gradients/mul\_4\_grad/Shape

gradients/mul\_4\_grad/Shape\_1

gradients/mul\_4\_grad/BroadcastGradientArgs

gradients/mul\_4\_grad/Mul

gradients/mul\_4\_grad/Sum

gradients/mul\_4\_grad/Reshape

gradients/mul\_4\_grad/Mul\_1

gradients/mul\_4\_grad/Sum\_1

gradients/mul\_4\_grad/Reshape\_1

gradients/mul\_4\_grad/tuple/group\_deps

gradients/mul\_4\_grad/tuple/control\_dependency

gradients/mul\_4\_grad/tuple/control\_dependency\_1

gradients/AddN

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/Shape

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/Shape\_1

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/Sum

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/Reshape

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/Sum\_1

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/Reshape\_1

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/batchnorm/add\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Shape

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Shape\_1

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Mul

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Sum

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Reshape

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Mul\_1

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Sum\_1

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/Reshape\_1

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/batchnorm/mul\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_4/batchnorm/sub\_grad/Neg

gradients/batch\_normalization\_4/batchnorm/sub\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/batchnorm/sub\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/batchnorm/sub\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_4/batchnorm/mul\_2\_grad/Mul

gradients/batch\_normalization\_4/batchnorm/mul\_2\_grad/Mul\_1

gradients/batch\_normalization\_4/batchnorm/mul\_2\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/batchnorm/mul\_2\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/batchnorm/mul\_2\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_4/cond/Merge\_grad/cond\_grad

gradients/batch\_normalization\_4/cond/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/cond/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/cond/Merge\_grad/tuple/control\_dependency\_1

gradients/AddN\_1

gradients/batch\_normalization\_4/batchnorm/mul\_grad/Mul

gradients/batch\_normalization\_4/batchnorm/mul\_grad/Mul\_1

gradients/batch\_normalization\_4/batchnorm/mul\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/batchnorm/mul\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/batchnorm/mul\_grad/tuple/control\_dependency\_1

gradients/Switch

gradients/Shape\_1

gradients/zeros/Const

gradients/zeros

gradients/batch\_normalization\_4/cond/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_4/batchnorm/Rsqrt\_grad/RsqrtGrad

gradients/batch\_normalization\_4/moments/Squeeze\_grad/Shape

gradients/batch\_normalization\_4/moments/Squeeze\_grad/Reshape

gradients/batch\_normalization\_4/batchnorm/add\_grad/Shape

gradients/batch\_normalization\_4/batchnorm/add\_grad/Shape\_1

gradients/batch\_normalization\_4/batchnorm/add\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_4/batchnorm/add\_grad/Sum

gradients/batch\_normalization\_4/batchnorm/add\_grad/Reshape

gradients/batch\_normalization\_4/batchnorm/add\_grad/Sum\_1

gradients/batch\_normalization\_4/batchnorm/add\_grad/Reshape\_1

gradients/batch\_normalization\_4/batchnorm/add\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/batchnorm/add\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/batchnorm/add\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_4/cond\_1/Merge\_grad/cond\_grad

gradients/batch\_normalization\_4/cond\_1/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/cond\_1/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/cond\_1/Merge\_grad/tuple/control\_dependency\_1

gradients/Switch\_1

gradients/Shape\_2

gradients/zeros\_1/Const

gradients/zeros\_1

gradients/batch\_normalization\_4/cond\_1/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_4/moments/Squeeze\_1\_grad/Shape

gradients/batch\_normalization\_4/moments/Squeeze\_1\_grad/Reshape

gradients/batch\_normalization\_4/moments/variance\_grad/Shape

gradients/batch\_normalization\_4/moments/variance\_grad/Size

gradients/batch\_normalization\_4/moments/variance\_grad/add

gradients/batch\_normalization\_4/moments/variance\_grad/mod

gradients/batch\_normalization\_4/moments/variance\_grad/Shape\_1

gradients/batch\_normalization\_4/moments/variance\_grad/range/start

gradients/batch\_normalization\_4/moments/variance\_grad/range/delta

gradients/batch\_normalization\_4/moments/variance\_grad/range

gradients/batch\_normalization\_4/moments/variance\_grad/Fill/value

gradients/batch\_normalization\_4/moments/variance\_grad/Fill

gradients/batch\_normalization\_4/moments/variance\_grad/DynamicStitch

gradients/batch\_normalization\_4/moments/variance\_grad/Maximum/y

gradients/batch\_normalization\_4/moments/variance\_grad/Maximum

gradients/batch\_normalization\_4/moments/variance\_grad/floordiv

gradients/batch\_normalization\_4/moments/variance\_grad/Reshape

gradients/batch\_normalization\_4/moments/variance\_grad/Tile

gradients/batch\_normalization\_4/moments/variance\_grad/Shape\_2

gradients/batch\_normalization\_4/moments/variance\_grad/Shape\_3

gradients/batch\_normalization\_4/moments/variance\_grad/Const

gradients/batch\_normalization\_4/moments/variance\_grad/Prod

gradients/batch\_normalization\_4/moments/variance\_grad/Const\_1

gradients/batch\_normalization\_4/moments/variance\_grad/Prod\_1

gradients/batch\_normalization\_4/moments/variance\_grad/Maximum\_1/y

gradients/batch\_normalization\_4/moments/variance\_grad/Maximum\_1

gradients/batch\_normalization\_4/moments/variance\_grad/floordiv\_1

gradients/batch\_normalization\_4/moments/variance\_grad/Cast

gradients/batch\_normalization\_4/moments/variance\_grad/truediv

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Shape

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Shape\_1

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/scalar

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/mul

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/sub

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/mul\_1

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Sum

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Reshape

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Sum\_1

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Reshape\_1

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/Neg

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/tuple/group\_deps

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/tuple/control\_dependency

gradients/batch\_normalization\_4/moments/SquaredDifference\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_4/moments/mean\_grad/Shape

gradients/batch\_normalization\_4/moments/mean\_grad/Size

gradients/batch\_normalization\_4/moments/mean\_grad/add

gradients/batch\_normalization\_4/moments/mean\_grad/mod

gradients/batch\_normalization\_4/moments/mean\_grad/Shape\_1

gradients/batch\_normalization\_4/moments/mean\_grad/range/start

gradients/batch\_normalization\_4/moments/mean\_grad/range/delta

gradients/batch\_normalization\_4/moments/mean\_grad/range

gradients/batch\_normalization\_4/moments/mean\_grad/Fill/value

gradients/batch\_normalization\_4/moments/mean\_grad/Fill

gradients/batch\_normalization\_4/moments/mean\_grad/DynamicStitch

gradients/batch\_normalization\_4/moments/mean\_grad/Maximum/y

gradients/batch\_normalization\_4/moments/mean\_grad/Maximum

gradients/batch\_normalization\_4/moments/mean\_grad/floordiv

gradients/batch\_normalization\_4/moments/mean\_grad/Reshape

gradients/batch\_normalization\_4/moments/mean\_grad/Tile

gradients/batch\_normalization\_4/moments/mean\_grad/Shape\_2

gradients/batch\_normalization\_4/moments/mean\_grad/Shape\_3

gradients/batch\_normalization\_4/moments/mean\_grad/Const

gradients/batch\_normalization\_4/moments/mean\_grad/Prod

gradients/batch\_normalization\_4/moments/mean\_grad/Const\_1

gradients/batch\_normalization\_4/moments/mean\_grad/Prod\_1

gradients/batch\_normalization\_4/moments/mean\_grad/Maximum\_1/y

gradients/batch\_normalization\_4/moments/mean\_grad/Maximum\_1

gradients/batch\_normalization\_4/moments/mean\_grad/floordiv\_1

gradients/batch\_normalization\_4/moments/mean\_grad/Cast

gradients/batch\_normalization\_4/moments/mean\_grad/truediv

gradients/AddN\_2

gradients/hidden5/BiasAdd\_grad/BiasAddGrad

gradients/hidden5/BiasAdd\_grad/tuple/group\_deps

gradients/hidden5/BiasAdd\_grad/tuple/control\_dependency

gradients/hidden5/BiasAdd\_grad/tuple/control\_dependency\_1

gradients/hidden5/MatMul\_grad/MatMul

gradients/hidden5/MatMul\_grad/MatMul\_1

gradients/hidden5/MatMul\_grad/tuple/group\_deps

gradients/hidden5/MatMul\_grad/tuple/control\_dependency

gradients/hidden5/MatMul\_grad/tuple/control\_dependency\_1

gradients/hidden4\_out\_grad/Shape

gradients/hidden4\_out\_grad/Shape\_1

gradients/hidden4\_out\_grad/Shape\_2

gradients/hidden4\_out\_grad/zeros/Const

gradients/hidden4\_out\_grad/zeros

gradients/hidden4\_out\_grad/GreaterEqual

gradients/hidden4\_out\_grad/BroadcastGradientArgs

gradients/hidden4\_out\_grad/Select

gradients/hidden4\_out\_grad/Select\_1

gradients/hidden4\_out\_grad/Sum

gradients/hidden4\_out\_grad/Reshape

gradients/hidden4\_out\_grad/Sum\_1

gradients/hidden4\_out\_grad/Reshape\_1

gradients/hidden4\_out\_grad/tuple/group\_deps

gradients/hidden4\_out\_grad/tuple/control\_dependency

gradients/hidden4\_out\_grad/tuple/control\_dependency\_1

gradients/mul\_3\_grad/Shape

gradients/mul\_3\_grad/Shape\_1

gradients/mul\_3\_grad/BroadcastGradientArgs

gradients/mul\_3\_grad/Mul

gradients/mul\_3\_grad/Sum

gradients/mul\_3\_grad/Reshape

gradients/mul\_3\_grad/Mul\_1

gradients/mul\_3\_grad/Sum\_1

gradients/mul\_3\_grad/Reshape\_1

gradients/mul\_3\_grad/tuple/group\_deps

gradients/mul\_3\_grad/tuple/control\_dependency

gradients/mul\_3\_grad/tuple/control\_dependency\_1

gradients/AddN\_3

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/Shape

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/Shape\_1

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/Sum

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/Reshape

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/Sum\_1

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/Reshape\_1

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/batchnorm/add\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Shape

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Shape\_1

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Mul

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Sum

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Reshape

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Mul\_1

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Sum\_1

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/Reshape\_1

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/batchnorm/mul\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_3/batchnorm/sub\_grad/Neg

gradients/batch\_normalization\_3/batchnorm/sub\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/batchnorm/sub\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/batchnorm/sub\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_3/batchnorm/mul\_2\_grad/Mul

gradients/batch\_normalization\_3/batchnorm/mul\_2\_grad/Mul\_1

gradients/batch\_normalization\_3/batchnorm/mul\_2\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/batchnorm/mul\_2\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/batchnorm/mul\_2\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_3/cond/Merge\_grad/cond\_grad

gradients/batch\_normalization\_3/cond/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/cond/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/cond/Merge\_grad/tuple/control\_dependency\_1

gradients/AddN\_4

gradients/batch\_normalization\_3/batchnorm/mul\_grad/Mul

gradients/batch\_normalization\_3/batchnorm/mul\_grad/Mul\_1

gradients/batch\_normalization\_3/batchnorm/mul\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/batchnorm/mul\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/batchnorm/mul\_grad/tuple/control\_dependency\_1

gradients/Switch\_2

gradients/Shape\_3

gradients/zeros\_2/Const

gradients/zeros\_2

gradients/batch\_normalization\_3/cond/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_3/batchnorm/Rsqrt\_grad/RsqrtGrad

gradients/batch\_normalization\_3/moments/Squeeze\_grad/Shape

gradients/batch\_normalization\_3/moments/Squeeze\_grad/Reshape

gradients/batch\_normalization\_3/batchnorm/add\_grad/Shape

gradients/batch\_normalization\_3/batchnorm/add\_grad/Shape\_1

gradients/batch\_normalization\_3/batchnorm/add\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_3/batchnorm/add\_grad/Sum

gradients/batch\_normalization\_3/batchnorm/add\_grad/Reshape

gradients/batch\_normalization\_3/batchnorm/add\_grad/Sum\_1

gradients/batch\_normalization\_3/batchnorm/add\_grad/Reshape\_1

gradients/batch\_normalization\_3/batchnorm/add\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/batchnorm/add\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/batchnorm/add\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_3/cond\_1/Merge\_grad/cond\_grad

gradients/batch\_normalization\_3/cond\_1/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/cond\_1/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/cond\_1/Merge\_grad/tuple/control\_dependency\_1

gradients/Switch\_3

gradients/Shape\_4

gradients/zeros\_3/Const

gradients/zeros\_3

gradients/batch\_normalization\_3/cond\_1/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_3/moments/Squeeze\_1\_grad/Shape

gradients/batch\_normalization\_3/moments/Squeeze\_1\_grad/Reshape

gradients/batch\_normalization\_3/moments/variance\_grad/Shape

gradients/batch\_normalization\_3/moments/variance\_grad/Size

gradients/batch\_normalization\_3/moments/variance\_grad/add

gradients/batch\_normalization\_3/moments/variance\_grad/mod

gradients/batch\_normalization\_3/moments/variance\_grad/Shape\_1

gradients/batch\_normalization\_3/moments/variance\_grad/range/start

gradients/batch\_normalization\_3/moments/variance\_grad/range/delta

gradients/batch\_normalization\_3/moments/variance\_grad/range

gradients/batch\_normalization\_3/moments/variance\_grad/Fill/value

gradients/batch\_normalization\_3/moments/variance\_grad/Fill

gradients/batch\_normalization\_3/moments/variance\_grad/DynamicStitch

gradients/batch\_normalization\_3/moments/variance\_grad/Maximum/y

gradients/batch\_normalization\_3/moments/variance\_grad/Maximum

gradients/batch\_normalization\_3/moments/variance\_grad/floordiv

gradients/batch\_normalization\_3/moments/variance\_grad/Reshape

gradients/batch\_normalization\_3/moments/variance\_grad/Tile

gradients/batch\_normalization\_3/moments/variance\_grad/Shape\_2

gradients/batch\_normalization\_3/moments/variance\_grad/Shape\_3

gradients/batch\_normalization\_3/moments/variance\_grad/Const

gradients/batch\_normalization\_3/moments/variance\_grad/Prod

gradients/batch\_normalization\_3/moments/variance\_grad/Const\_1

gradients/batch\_normalization\_3/moments/variance\_grad/Prod\_1

gradients/batch\_normalization\_3/moments/variance\_grad/Maximum\_1/y

gradients/batch\_normalization\_3/moments/variance\_grad/Maximum\_1

gradients/batch\_normalization\_3/moments/variance\_grad/floordiv\_1

gradients/batch\_normalization\_3/moments/variance\_grad/Cast

gradients/batch\_normalization\_3/moments/variance\_grad/truediv

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Shape

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Shape\_1

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/scalar

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/mul

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/sub

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/mul\_1

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Sum

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Reshape

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Sum\_1

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Reshape\_1

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/Neg

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/tuple/group\_deps

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/tuple/control\_dependency

gradients/batch\_normalization\_3/moments/SquaredDifference\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_3/moments/mean\_grad/Shape

gradients/batch\_normalization\_3/moments/mean\_grad/Size

gradients/batch\_normalization\_3/moments/mean\_grad/add

gradients/batch\_normalization\_3/moments/mean\_grad/mod

gradients/batch\_normalization\_3/moments/mean\_grad/Shape\_1

gradients/batch\_normalization\_3/moments/mean\_grad/range/start

gradients/batch\_normalization\_3/moments/mean\_grad/range/delta

gradients/batch\_normalization\_3/moments/mean\_grad/range

gradients/batch\_normalization\_3/moments/mean\_grad/Fill/value

gradients/batch\_normalization\_3/moments/mean\_grad/Fill

gradients/batch\_normalization\_3/moments/mean\_grad/DynamicStitch

gradients/batch\_normalization\_3/moments/mean\_grad/Maximum/y

gradients/batch\_normalization\_3/moments/mean\_grad/Maximum

gradients/batch\_normalization\_3/moments/mean\_grad/floordiv

gradients/batch\_normalization\_3/moments/mean\_grad/Reshape

gradients/batch\_normalization\_3/moments/mean\_grad/Tile

gradients/batch\_normalization\_3/moments/mean\_grad/Shape\_2

gradients/batch\_normalization\_3/moments/mean\_grad/Shape\_3

gradients/batch\_normalization\_3/moments/mean\_grad/Const

gradients/batch\_normalization\_3/moments/mean\_grad/Prod

gradients/batch\_normalization\_3/moments/mean\_grad/Const\_1

gradients/batch\_normalization\_3/moments/mean\_grad/Prod\_1

gradients/batch\_normalization\_3/moments/mean\_grad/Maximum\_1/y

gradients/batch\_normalization\_3/moments/mean\_grad/Maximum\_1

gradients/batch\_normalization\_3/moments/mean\_grad/floordiv\_1

gradients/batch\_normalization\_3/moments/mean\_grad/Cast

gradients/batch\_normalization\_3/moments/mean\_grad/truediv

gradients/AddN\_5

gradients/hidden4/BiasAdd\_grad/BiasAddGrad

gradients/hidden4/BiasAdd\_grad/tuple/group\_deps

gradients/hidden4/BiasAdd\_grad/tuple/control\_dependency

gradients/hidden4/BiasAdd\_grad/tuple/control\_dependency\_1

gradients/hidden4/MatMul\_grad/MatMul

gradients/hidden4/MatMul\_grad/MatMul\_1

gradients/hidden4/MatMul\_grad/tuple/group\_deps

gradients/hidden4/MatMul\_grad/tuple/control\_dependency

gradients/hidden4/MatMul\_grad/tuple/control\_dependency\_1

gradients/hidden3\_out\_grad/Shape

gradients/hidden3\_out\_grad/Shape\_1

gradients/hidden3\_out\_grad/Shape\_2

gradients/hidden3\_out\_grad/zeros/Const

gradients/hidden3\_out\_grad/zeros

gradients/hidden3\_out\_grad/GreaterEqual

gradients/hidden3\_out\_grad/BroadcastGradientArgs

gradients/hidden3\_out\_grad/Select

gradients/hidden3\_out\_grad/Select\_1

gradients/hidden3\_out\_grad/Sum

gradients/hidden3\_out\_grad/Reshape

gradients/hidden3\_out\_grad/Sum\_1

gradients/hidden3\_out\_grad/Reshape\_1

gradients/hidden3\_out\_grad/tuple/group\_deps

gradients/hidden3\_out\_grad/tuple/control\_dependency

gradients/hidden3\_out\_grad/tuple/control\_dependency\_1

gradients/mul\_2\_grad/Shape

gradients/mul\_2\_grad/Shape\_1

gradients/mul\_2\_grad/BroadcastGradientArgs

gradients/mul\_2\_grad/Mul

gradients/mul\_2\_grad/Sum

gradients/mul\_2\_grad/Reshape

gradients/mul\_2\_grad/Mul\_1

gradients/mul\_2\_grad/Sum\_1

gradients/mul\_2\_grad/Reshape\_1

gradients/mul\_2\_grad/tuple/group\_deps

gradients/mul\_2\_grad/tuple/control\_dependency

gradients/mul\_2\_grad/tuple/control\_dependency\_1

gradients/AddN\_6

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/Shape

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/Shape\_1

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/Sum

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/Reshape

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/Sum\_1

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/Reshape\_1

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/batchnorm/add\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Shape

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Shape\_1

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Mul

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Sum

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Reshape

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Mul\_1

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Sum\_1

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/Reshape\_1

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/batchnorm/mul\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_2/batchnorm/sub\_grad/Neg

gradients/batch\_normalization\_2/batchnorm/sub\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/batchnorm/sub\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/batchnorm/sub\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_2/batchnorm/mul\_2\_grad/Mul

gradients/batch\_normalization\_2/batchnorm/mul\_2\_grad/Mul\_1

gradients/batch\_normalization\_2/batchnorm/mul\_2\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/batchnorm/mul\_2\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/batchnorm/mul\_2\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_2/cond/Merge\_grad/cond\_grad

gradients/batch\_normalization\_2/cond/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/cond/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/cond/Merge\_grad/tuple/control\_dependency\_1

gradients/AddN\_7

gradients/batch\_normalization\_2/batchnorm/mul\_grad/Mul

gradients/batch\_normalization\_2/batchnorm/mul\_grad/Mul\_1

gradients/batch\_normalization\_2/batchnorm/mul\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/batchnorm/mul\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/batchnorm/mul\_grad/tuple/control\_dependency\_1

gradients/Switch\_4

gradients/Shape\_5

gradients/zeros\_4/Const

gradients/zeros\_4

gradients/batch\_normalization\_2/cond/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_2/batchnorm/Rsqrt\_grad/RsqrtGrad

gradients/batch\_normalization\_2/moments/Squeeze\_grad/Shape

gradients/batch\_normalization\_2/moments/Squeeze\_grad/Reshape

gradients/batch\_normalization\_2/batchnorm/add\_grad/Shape

gradients/batch\_normalization\_2/batchnorm/add\_grad/Shape\_1

gradients/batch\_normalization\_2/batchnorm/add\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_2/batchnorm/add\_grad/Sum

gradients/batch\_normalization\_2/batchnorm/add\_grad/Reshape

gradients/batch\_normalization\_2/batchnorm/add\_grad/Sum\_1

gradients/batch\_normalization\_2/batchnorm/add\_grad/Reshape\_1

gradients/batch\_normalization\_2/batchnorm/add\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/batchnorm/add\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/batchnorm/add\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_2/cond\_1/Merge\_grad/cond\_grad

gradients/batch\_normalization\_2/cond\_1/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/cond\_1/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/cond\_1/Merge\_grad/tuple/control\_dependency\_1

gradients/Switch\_5

gradients/Shape\_6

gradients/zeros\_5/Const

gradients/zeros\_5

gradients/batch\_normalization\_2/cond\_1/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_2/moments/Squeeze\_1\_grad/Shape

gradients/batch\_normalization\_2/moments/Squeeze\_1\_grad/Reshape

gradients/batch\_normalization\_2/moments/variance\_grad/Shape

gradients/batch\_normalization\_2/moments/variance\_grad/Size

gradients/batch\_normalization\_2/moments/variance\_grad/add

gradients/batch\_normalization\_2/moments/variance\_grad/mod

gradients/batch\_normalization\_2/moments/variance\_grad/Shape\_1

gradients/batch\_normalization\_2/moments/variance\_grad/range/start

gradients/batch\_normalization\_2/moments/variance\_grad/range/delta

gradients/batch\_normalization\_2/moments/variance\_grad/range

gradients/batch\_normalization\_2/moments/variance\_grad/Fill/value

gradients/batch\_normalization\_2/moments/variance\_grad/Fill

gradients/batch\_normalization\_2/moments/variance\_grad/DynamicStitch

gradients/batch\_normalization\_2/moments/variance\_grad/Maximum/y

gradients/batch\_normalization\_2/moments/variance\_grad/Maximum

gradients/batch\_normalization\_2/moments/variance\_grad/floordiv

gradients/batch\_normalization\_2/moments/variance\_grad/Reshape

gradients/batch\_normalization\_2/moments/variance\_grad/Tile

gradients/batch\_normalization\_2/moments/variance\_grad/Shape\_2

gradients/batch\_normalization\_2/moments/variance\_grad/Shape\_3

gradients/batch\_normalization\_2/moments/variance\_grad/Const

gradients/batch\_normalization\_2/moments/variance\_grad/Prod

gradients/batch\_normalization\_2/moments/variance\_grad/Const\_1

gradients/batch\_normalization\_2/moments/variance\_grad/Prod\_1

gradients/batch\_normalization\_2/moments/variance\_grad/Maximum\_1/y

gradients/batch\_normalization\_2/moments/variance\_grad/Maximum\_1

gradients/batch\_normalization\_2/moments/variance\_grad/floordiv\_1

gradients/batch\_normalization\_2/moments/variance\_grad/Cast

gradients/batch\_normalization\_2/moments/variance\_grad/truediv

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Shape

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Shape\_1

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/scalar

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/mul

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/sub

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/mul\_1

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Sum

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Reshape

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Sum\_1

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Reshape\_1

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/Neg

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/tuple/group\_deps

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/tuple/control\_dependency

gradients/batch\_normalization\_2/moments/SquaredDifference\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_2/moments/mean\_grad/Shape

gradients/batch\_normalization\_2/moments/mean\_grad/Size

gradients/batch\_normalization\_2/moments/mean\_grad/add

gradients/batch\_normalization\_2/moments/mean\_grad/mod

gradients/batch\_normalization\_2/moments/mean\_grad/Shape\_1

gradients/batch\_normalization\_2/moments/mean\_grad/range/start

gradients/batch\_normalization\_2/moments/mean\_grad/range/delta

gradients/batch\_normalization\_2/moments/mean\_grad/range

gradients/batch\_normalization\_2/moments/mean\_grad/Fill/value

gradients/batch\_normalization\_2/moments/mean\_grad/Fill

gradients/batch\_normalization\_2/moments/mean\_grad/DynamicStitch

gradients/batch\_normalization\_2/moments/mean\_grad/Maximum/y

gradients/batch\_normalization\_2/moments/mean\_grad/Maximum

gradients/batch\_normalization\_2/moments/mean\_grad/floordiv

gradients/batch\_normalization\_2/moments/mean\_grad/Reshape

gradients/batch\_normalization\_2/moments/mean\_grad/Tile

gradients/batch\_normalization\_2/moments/mean\_grad/Shape\_2

gradients/batch\_normalization\_2/moments/mean\_grad/Shape\_3

gradients/batch\_normalization\_2/moments/mean\_grad/Const

gradients/batch\_normalization\_2/moments/mean\_grad/Prod

gradients/batch\_normalization\_2/moments/mean\_grad/Const\_1

gradients/batch\_normalization\_2/moments/mean\_grad/Prod\_1

gradients/batch\_normalization\_2/moments/mean\_grad/Maximum\_1/y

gradients/batch\_normalization\_2/moments/mean\_grad/Maximum\_1

gradients/batch\_normalization\_2/moments/mean\_grad/floordiv\_1

gradients/batch\_normalization\_2/moments/mean\_grad/Cast

gradients/batch\_normalization\_2/moments/mean\_grad/truediv

gradients/AddN\_8

gradients/hidden3/BiasAdd\_grad/BiasAddGrad

gradients/hidden3/BiasAdd\_grad/tuple/group\_deps

gradients/hidden3/BiasAdd\_grad/tuple/control\_dependency

gradients/hidden3/BiasAdd\_grad/tuple/control\_dependency\_1

gradients/hidden3/MatMul\_grad/MatMul

gradients/hidden3/MatMul\_grad/MatMul\_1

gradients/hidden3/MatMul\_grad/tuple/group\_deps

gradients/hidden3/MatMul\_grad/tuple/control\_dependency

gradients/hidden3/MatMul\_grad/tuple/control\_dependency\_1

gradients/hidden2\_out\_grad/Shape

gradients/hidden2\_out\_grad/Shape\_1

gradients/hidden2\_out\_grad/Shape\_2

gradients/hidden2\_out\_grad/zeros/Const

gradients/hidden2\_out\_grad/zeros

gradients/hidden2\_out\_grad/GreaterEqual

gradients/hidden2\_out\_grad/BroadcastGradientArgs

gradients/hidden2\_out\_grad/Select

gradients/hidden2\_out\_grad/Select\_1

gradients/hidden2\_out\_grad/Sum

gradients/hidden2\_out\_grad/Reshape

gradients/hidden2\_out\_grad/Sum\_1

gradients/hidden2\_out\_grad/Reshape\_1

gradients/hidden2\_out\_grad/tuple/group\_deps

gradients/hidden2\_out\_grad/tuple/control\_dependency

gradients/hidden2\_out\_grad/tuple/control\_dependency\_1

gradients/mul\_1\_grad/Shape

gradients/mul\_1\_grad/Shape\_1

gradients/mul\_1\_grad/BroadcastGradientArgs

gradients/mul\_1\_grad/Mul

gradients/mul\_1\_grad/Sum

gradients/mul\_1\_grad/Reshape

gradients/mul\_1\_grad/Mul\_1

gradients/mul\_1\_grad/Sum\_1

gradients/mul\_1\_grad/Reshape\_1

gradients/mul\_1\_grad/tuple/group\_deps

gradients/mul\_1\_grad/tuple/control\_dependency

gradients/mul\_1\_grad/tuple/control\_dependency\_1

gradients/AddN\_9

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/Shape

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/Shape\_1

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/Sum

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/Reshape

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/Sum\_1

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/Reshape\_1

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/batchnorm/add\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Shape

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Shape\_1

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Mul

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Sum

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Reshape

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Mul\_1

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Sum\_1

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/Reshape\_1

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/batchnorm/mul\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_1/batchnorm/sub\_grad/Neg

gradients/batch\_normalization\_1/batchnorm/sub\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/batchnorm/sub\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/batchnorm/sub\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_1/batchnorm/mul\_2\_grad/Mul

gradients/batch\_normalization\_1/batchnorm/mul\_2\_grad/Mul\_1

gradients/batch\_normalization\_1/batchnorm/mul\_2\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/batchnorm/mul\_2\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/batchnorm/mul\_2\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_1/cond/Merge\_grad/cond\_grad

gradients/batch\_normalization\_1/cond/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/cond/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/cond/Merge\_grad/tuple/control\_dependency\_1

gradients/AddN\_10

gradients/batch\_normalization\_1/batchnorm/mul\_grad/Mul

gradients/batch\_normalization\_1/batchnorm/mul\_grad/Mul\_1

gradients/batch\_normalization\_1/batchnorm/mul\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/batchnorm/mul\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/batchnorm/mul\_grad/tuple/control\_dependency\_1

gradients/Switch\_6

gradients/Shape\_7

gradients/zeros\_6/Const

gradients/zeros\_6

gradients/batch\_normalization\_1/cond/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_1/batchnorm/Rsqrt\_grad/RsqrtGrad

gradients/batch\_normalization\_1/moments/Squeeze\_grad/Shape

gradients/batch\_normalization\_1/moments/Squeeze\_grad/Reshape

gradients/batch\_normalization\_1/batchnorm/add\_grad/Shape

gradients/batch\_normalization\_1/batchnorm/add\_grad/Shape\_1

gradients/batch\_normalization\_1/batchnorm/add\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_1/batchnorm/add\_grad/Sum

gradients/batch\_normalization\_1/batchnorm/add\_grad/Reshape

gradients/batch\_normalization\_1/batchnorm/add\_grad/Sum\_1

gradients/batch\_normalization\_1/batchnorm/add\_grad/Reshape\_1

gradients/batch\_normalization\_1/batchnorm/add\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/batchnorm/add\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/batchnorm/add\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_1/cond\_1/Merge\_grad/cond\_grad

gradients/batch\_normalization\_1/cond\_1/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/cond\_1/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/cond\_1/Merge\_grad/tuple/control\_dependency\_1

gradients/Switch\_7

gradients/Shape\_8

gradients/zeros\_7/Const

gradients/zeros\_7

gradients/batch\_normalization\_1/cond\_1/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization\_1/moments/Squeeze\_1\_grad/Shape

gradients/batch\_normalization\_1/moments/Squeeze\_1\_grad/Reshape

gradients/batch\_normalization\_1/moments/variance\_grad/Shape

gradients/batch\_normalization\_1/moments/variance\_grad/Size

gradients/batch\_normalization\_1/moments/variance\_grad/add

gradients/batch\_normalization\_1/moments/variance\_grad/mod

gradients/batch\_normalization\_1/moments/variance\_grad/Shape\_1

gradients/batch\_normalization\_1/moments/variance\_grad/range/start

gradients/batch\_normalization\_1/moments/variance\_grad/range/delta

gradients/batch\_normalization\_1/moments/variance\_grad/range

gradients/batch\_normalization\_1/moments/variance\_grad/Fill/value

gradients/batch\_normalization\_1/moments/variance\_grad/Fill

gradients/batch\_normalization\_1/moments/variance\_grad/DynamicStitch

gradients/batch\_normalization\_1/moments/variance\_grad/Maximum/y

gradients/batch\_normalization\_1/moments/variance\_grad/Maximum

gradients/batch\_normalization\_1/moments/variance\_grad/floordiv

gradients/batch\_normalization\_1/moments/variance\_grad/Reshape

gradients/batch\_normalization\_1/moments/variance\_grad/Tile

gradients/batch\_normalization\_1/moments/variance\_grad/Shape\_2

gradients/batch\_normalization\_1/moments/variance\_grad/Shape\_3

gradients/batch\_normalization\_1/moments/variance\_grad/Const

gradients/batch\_normalization\_1/moments/variance\_grad/Prod

gradients/batch\_normalization\_1/moments/variance\_grad/Const\_1

gradients/batch\_normalization\_1/moments/variance\_grad/Prod\_1

gradients/batch\_normalization\_1/moments/variance\_grad/Maximum\_1/y

gradients/batch\_normalization\_1/moments/variance\_grad/Maximum\_1

gradients/batch\_normalization\_1/moments/variance\_grad/floordiv\_1

gradients/batch\_normalization\_1/moments/variance\_grad/Cast

gradients/batch\_normalization\_1/moments/variance\_grad/truediv

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Shape

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Shape\_1

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/BroadcastGradientArgs

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/scalar

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/mul

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/sub

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/mul\_1

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Sum

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Reshape

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Sum\_1

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Reshape\_1

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/Neg

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/tuple/group\_deps

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/tuple/control\_dependency

gradients/batch\_normalization\_1/moments/SquaredDifference\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization\_1/moments/mean\_grad/Shape

gradients/batch\_normalization\_1/moments/mean\_grad/Size

gradients/batch\_normalization\_1/moments/mean\_grad/add

gradients/batch\_normalization\_1/moments/mean\_grad/mod

gradients/batch\_normalization\_1/moments/mean\_grad/Shape\_1

gradients/batch\_normalization\_1/moments/mean\_grad/range/start

gradients/batch\_normalization\_1/moments/mean\_grad/range/delta

gradients/batch\_normalization\_1/moments/mean\_grad/range

gradients/batch\_normalization\_1/moments/mean\_grad/Fill/value

gradients/batch\_normalization\_1/moments/mean\_grad/Fill

gradients/batch\_normalization\_1/moments/mean\_grad/DynamicStitch

gradients/batch\_normalization\_1/moments/mean\_grad/Maximum/y

gradients/batch\_normalization\_1/moments/mean\_grad/Maximum

gradients/batch\_normalization\_1/moments/mean\_grad/floordiv

gradients/batch\_normalization\_1/moments/mean\_grad/Reshape

gradients/batch\_normalization\_1/moments/mean\_grad/Tile

gradients/batch\_normalization\_1/moments/mean\_grad/Shape\_2

gradients/batch\_normalization\_1/moments/mean\_grad/Shape\_3

gradients/batch\_normalization\_1/moments/mean\_grad/Const

gradients/batch\_normalization\_1/moments/mean\_grad/Prod

gradients/batch\_normalization\_1/moments/mean\_grad/Const\_1

gradients/batch\_normalization\_1/moments/mean\_grad/Prod\_1

gradients/batch\_normalization\_1/moments/mean\_grad/Maximum\_1/y

gradients/batch\_normalization\_1/moments/mean\_grad/Maximum\_1

gradients/batch\_normalization\_1/moments/mean\_grad/floordiv\_1

gradients/batch\_normalization\_1/moments/mean\_grad/Cast

gradients/batch\_normalization\_1/moments/mean\_grad/truediv

gradients/AddN\_11

gradients/hidden2/BiasAdd\_grad/BiasAddGrad

gradients/hidden2/BiasAdd\_grad/tuple/group\_deps

gradients/hidden2/BiasAdd\_grad/tuple/control\_dependency

gradients/hidden2/BiasAdd\_grad/tuple/control\_dependency\_1

gradients/hidden2/MatMul\_grad/MatMul

gradients/hidden2/MatMul\_grad/MatMul\_1

gradients/hidden2/MatMul\_grad/tuple/group\_deps

gradients/hidden2/MatMul\_grad/tuple/control\_dependency

gradients/hidden2/MatMul\_grad/tuple/control\_dependency\_1

gradients/hidden1\_out\_grad/Shape

gradients/hidden1\_out\_grad/Shape\_1

gradients/hidden1\_out\_grad/Shape\_2

gradients/hidden1\_out\_grad/zeros/Const

gradients/hidden1\_out\_grad/zeros

gradients/hidden1\_out\_grad/GreaterEqual

gradients/hidden1\_out\_grad/BroadcastGradientArgs

gradients/hidden1\_out\_grad/Select

gradients/hidden1\_out\_grad/Select\_1

gradients/hidden1\_out\_grad/Sum

gradients/hidden1\_out\_grad/Reshape

gradients/hidden1\_out\_grad/Sum\_1

gradients/hidden1\_out\_grad/Reshape\_1

gradients/hidden1\_out\_grad/tuple/group\_deps

gradients/hidden1\_out\_grad/tuple/control\_dependency

gradients/hidden1\_out\_grad/tuple/control\_dependency\_1

gradients/mul\_grad/Shape

gradients/mul\_grad/Shape\_1

gradients/mul\_grad/BroadcastGradientArgs

gradients/mul\_grad/Mul

gradients/mul\_grad/Sum

gradients/mul\_grad/Reshape

gradients/mul\_grad/Mul\_1

gradients/mul\_grad/Sum\_1

gradients/mul\_grad/Reshape\_1

gradients/mul\_grad/tuple/group\_deps

gradients/mul\_grad/tuple/control\_dependency

gradients/mul\_grad/tuple/control\_dependency\_1

gradients/AddN\_12

gradients/batch\_normalization/batchnorm/add\_1\_grad/Shape

gradients/batch\_normalization/batchnorm/add\_1\_grad/Shape\_1

gradients/batch\_normalization/batchnorm/add\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization/batchnorm/add\_1\_grad/Sum

gradients/batch\_normalization/batchnorm/add\_1\_grad/Reshape

gradients/batch\_normalization/batchnorm/add\_1\_grad/Sum\_1

gradients/batch\_normalization/batchnorm/add\_1\_grad/Reshape\_1

gradients/batch\_normalization/batchnorm/add\_1\_grad/tuple/group\_deps

gradients/batch\_normalization/batchnorm/add\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization/batchnorm/add\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Shape

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Shape\_1

gradients/batch\_normalization/batchnorm/mul\_1\_grad/BroadcastGradientArgs

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Mul

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Sum

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Reshape

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Mul\_1

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Sum\_1

gradients/batch\_normalization/batchnorm/mul\_1\_grad/Reshape\_1

gradients/batch\_normalization/batchnorm/mul\_1\_grad/tuple/group\_deps

gradients/batch\_normalization/batchnorm/mul\_1\_grad/tuple/control\_dependency

gradients/batch\_normalization/batchnorm/mul\_1\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization/batchnorm/sub\_grad/Neg

gradients/batch\_normalization/batchnorm/sub\_grad/tuple/group\_deps

gradients/batch\_normalization/batchnorm/sub\_grad/tuple/control\_dependency

gradients/batch\_normalization/batchnorm/sub\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization/batchnorm/mul\_2\_grad/Mul

gradients/batch\_normalization/batchnorm/mul\_2\_grad/Mul\_1

gradients/batch\_normalization/batchnorm/mul\_2\_grad/tuple/group\_deps

gradients/batch\_normalization/batchnorm/mul\_2\_grad/tuple/control\_dependency

gradients/batch\_normalization/batchnorm/mul\_2\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization/cond/Merge\_grad/cond\_grad

gradients/batch\_normalization/cond/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization/cond/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization/cond/Merge\_grad/tuple/control\_dependency\_1

gradients/AddN\_13

gradients/batch\_normalization/batchnorm/mul\_grad/Mul

gradients/batch\_normalization/batchnorm/mul\_grad/Mul\_1

gradients/batch\_normalization/batchnorm/mul\_grad/tuple/group\_deps

gradients/batch\_normalization/batchnorm/mul\_grad/tuple/control\_dependency

gradients/batch\_normalization/batchnorm/mul\_grad/tuple/control\_dependency\_1

gradients/Switch\_8

gradients/Shape\_9

gradients/zeros\_8/Const

gradients/zeros\_8

gradients/batch\_normalization/cond/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization/batchnorm/Rsqrt\_grad/RsqrtGrad

gradients/batch\_normalization/moments/Squeeze\_grad/Shape

gradients/batch\_normalization/moments/Squeeze\_grad/Reshape

gradients/batch\_normalization/batchnorm/add\_grad/Shape

gradients/batch\_normalization/batchnorm/add\_grad/Shape\_1

gradients/batch\_normalization/batchnorm/add\_grad/BroadcastGradientArgs

gradients/batch\_normalization/batchnorm/add\_grad/Sum

gradients/batch\_normalization/batchnorm/add\_grad/Reshape

gradients/batch\_normalization/batchnorm/add\_grad/Sum\_1

gradients/batch\_normalization/batchnorm/add\_grad/Reshape\_1

gradients/batch\_normalization/batchnorm/add\_grad/tuple/group\_deps

gradients/batch\_normalization/batchnorm/add\_grad/tuple/control\_dependency

gradients/batch\_normalization/batchnorm/add\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization/cond\_1/Merge\_grad/cond\_grad

gradients/batch\_normalization/cond\_1/Merge\_grad/tuple/group\_deps

gradients/batch\_normalization/cond\_1/Merge\_grad/tuple/control\_dependency

gradients/batch\_normalization/cond\_1/Merge\_grad/tuple/control\_dependency\_1

gradients/Switch\_9

gradients/Shape\_10

gradients/zeros\_9/Const

gradients/zeros\_9

gradients/batch\_normalization/cond\_1/Switch\_1\_grad/cond\_grad

gradients/batch\_normalization/moments/Squeeze\_1\_grad/Shape

gradients/batch\_normalization/moments/Squeeze\_1\_grad/Reshape

gradients/batch\_normalization/moments/variance\_grad/Shape

gradients/batch\_normalization/moments/variance\_grad/Size

gradients/batch\_normalization/moments/variance\_grad/add

gradients/batch\_normalization/moments/variance\_grad/mod

gradients/batch\_normalization/moments/variance\_grad/Shape\_1

gradients/batch\_normalization/moments/variance\_grad/range/start

gradients/batch\_normalization/moments/variance\_grad/range/delta

gradients/batch\_normalization/moments/variance\_grad/range

gradients/batch\_normalization/moments/variance\_grad/Fill/value

gradients/batch\_normalization/moments/variance\_grad/Fill

gradients/batch\_normalization/moments/variance\_grad/DynamicStitch

gradients/batch\_normalization/moments/variance\_grad/Maximum/y

gradients/batch\_normalization/moments/variance\_grad/Maximum

gradients/batch\_normalization/moments/variance\_grad/floordiv

gradients/batch\_normalization/moments/variance\_grad/Reshape

gradients/batch\_normalization/moments/variance\_grad/Tile

gradients/batch\_normalization/moments/variance\_grad/Shape\_2

gradients/batch\_normalization/moments/variance\_grad/Shape\_3

gradients/batch\_normalization/moments/variance\_grad/Const

gradients/batch\_normalization/moments/variance\_grad/Prod

gradients/batch\_normalization/moments/variance\_grad/Const\_1

gradients/batch\_normalization/moments/variance\_grad/Prod\_1

gradients/batch\_normalization/moments/variance\_grad/Maximum\_1/y

gradients/batch\_normalization/moments/variance\_grad/Maximum\_1

gradients/batch\_normalization/moments/variance\_grad/floordiv\_1

gradients/batch\_normalization/moments/variance\_grad/Cast

gradients/batch\_normalization/moments/variance\_grad/truediv

gradients/batch\_normalization/moments/SquaredDifference\_grad/Shape

gradients/batch\_normalization/moments/SquaredDifference\_grad/Shape\_1

gradients/batch\_normalization/moments/SquaredDifference\_grad/BroadcastGradientArgs

gradients/batch\_normalization/moments/SquaredDifference\_grad/scalar

gradients/batch\_normalization/moments/SquaredDifference\_grad/mul

gradients/batch\_normalization/moments/SquaredDifference\_grad/sub

gradients/batch\_normalization/moments/SquaredDifference\_grad/mul\_1

gradients/batch\_normalization/moments/SquaredDifference\_grad/Sum

gradients/batch\_normalization/moments/SquaredDifference\_grad/Reshape

gradients/batch\_normalization/moments/SquaredDifference\_grad/Sum\_1

gradients/batch\_normalization/moments/SquaredDifference\_grad/Reshape\_1

gradients/batch\_normalization/moments/SquaredDifference\_grad/Neg

gradients/batch\_normalization/moments/SquaredDifference\_grad/tuple/group\_deps

gradients/batch\_normalization/moments/SquaredDifference\_grad/tuple/control\_dependency

gradients/batch\_normalization/moments/SquaredDifference\_grad/tuple/control\_dependency\_1

gradients/batch\_normalization/moments/mean\_grad/Shape

gradients/batch\_normalization/moments/mean\_grad/Size

gradients/batch\_normalization/moments/mean\_grad/add

gradients/batch\_normalization/moments/mean\_grad/mod

gradients/batch\_normalization/moments/mean\_grad/Shape\_1

gradients/batch\_normalization/moments/mean\_grad/range/start

gradients/batch\_normalization/moments/mean\_grad/range/delta

gradients/batch\_normalization/moments/mean\_grad/range

gradients/batch\_normalization/moments/mean\_grad/Fill/value

gradients/batch\_normalization/moments/mean\_grad/Fill

gradients/batch\_normalization/moments/mean\_grad/DynamicStitch

gradients/batch\_normalization/moments/mean\_grad/Maximum/y

gradients/batch\_normalization/moments/mean\_grad/Maximum

gradients/batch\_normalization/moments/mean\_grad/floordiv

gradients/batch\_normalization/moments/mean\_grad/Reshape

gradients/batch\_normalization/moments/mean\_grad/Tile

gradients/batch\_normalization/moments/mean\_grad/Shape\_2

gradients/batch\_normalization/moments/mean\_grad/Shape\_3

gradients/batch\_normalization/moments/mean\_grad/Const

gradients/batch\_normalization/moments/mean\_grad/Prod

gradients/batch\_normalization/moments/mean\_grad/Const\_1

gradients/batch\_normalization/moments/mean\_grad/Prod\_1

gradients/batch\_normalization/moments/mean\_grad/Maximum\_1/y

gradients/batch\_normalization/moments/mean\_grad/Maximum\_1

gradients/batch\_normalization/moments/mean\_grad/floordiv\_1

gradients/batch\_normalization/moments/mean\_grad/Cast

gradients/batch\_normalization/moments/mean\_grad/truediv

gradients/AddN\_14

gradients/hidden1/BiasAdd\_grad/BiasAddGrad

gradients/hidden1/BiasAdd\_grad/tuple/group\_deps

gradients/hidden1/BiasAdd\_grad/tuple/control\_dependency

gradients/hidden1/BiasAdd\_grad/tuple/control\_dependency\_1

gradients/hidden1/MatMul\_grad/MatMul

gradients/hidden1/MatMul\_grad/MatMul\_1

gradients/hidden1/MatMul\_grad/tuple/group\_deps

gradients/hidden1/MatMul\_grad/tuple/control\_dependency

gradients/hidden1/MatMul\_grad/tuple/control\_dependency\_1

beta1\_power/initial\_value

beta1\_power

beta1\_power/Assign

beta1\_power/read

beta2\_power/initial\_value

beta2\_power

beta2\_power/Assign

beta2\_power/read

hidden1/kernel/Adam/Initializer/zeros/shape\_as\_tensor

hidden1/kernel/Adam/Initializer/zeros/Const

hidden1/kernel/Adam/Initializer/zeros

hidden1/kernel/Adam

hidden1/kernel/Adam/Assign

hidden1/kernel/Adam/read

hidden1/kernel/Adam\_1/Initializer/zeros/shape\_as\_tensor

hidden1/kernel/Adam\_1/Initializer/zeros/Const

hidden1/kernel/Adam\_1/Initializer/zeros

hidden1/kernel/Adam\_1

hidden1/kernel/Adam\_1/Assign

hidden1/kernel/Adam\_1/read

hidden1/bias/Adam/Initializer/zeros

hidden1/bias/Adam

hidden1/bias/Adam/Assign

hidden1/bias/Adam/read

hidden1/bias/Adam\_1/Initializer/zeros

hidden1/bias/Adam\_1

hidden1/bias/Adam\_1/Assign

hidden1/bias/Adam\_1/read

batch\_normalization/gamma/Adam/Initializer/zeros

batch\_normalization/gamma/Adam

batch\_normalization/gamma/Adam/Assign

batch\_normalization/gamma/Adam/read

batch\_normalization/gamma/Adam\_1/Initializer/zeros

batch\_normalization/gamma/Adam\_1

batch\_normalization/gamma/Adam\_1/Assign

batch\_normalization/gamma/Adam\_1/read

batch\_normalization/beta/Adam/Initializer/zeros

batch\_normalization/beta/Adam

batch\_normalization/beta/Adam/Assign

batch\_normalization/beta/Adam/read

batch\_normalization/beta/Adam\_1/Initializer/zeros

batch\_normalization/beta/Adam\_1

batch\_normalization/beta/Adam\_1/Assign

batch\_normalization/beta/Adam\_1/read

hidden2/kernel/Adam/Initializer/zeros/shape\_as\_tensor

hidden2/kernel/Adam/Initializer/zeros/Const

hidden2/kernel/Adam/Initializer/zeros

hidden2/kernel/Adam

hidden2/kernel/Adam/Assign

hidden2/kernel/Adam/read

hidden2/kernel/Adam\_1/Initializer/zeros/shape\_as\_tensor

hidden2/kernel/Adam\_1/Initializer/zeros/Const

hidden2/kernel/Adam\_1/Initializer/zeros

hidden2/kernel/Adam\_1

hidden2/kernel/Adam\_1/Assign

hidden2/kernel/Adam\_1/read

hidden2/bias/Adam/Initializer/zeros

hidden2/bias/Adam

hidden2/bias/Adam/Assign

hidden2/bias/Adam/read

hidden2/bias/Adam\_1/Initializer/zeros

hidden2/bias/Adam\_1

hidden2/bias/Adam\_1/Assign

hidden2/bias/Adam\_1/read

batch\_normalization\_1/gamma/Adam/Initializer/zeros

batch\_normalization\_1/gamma/Adam

batch\_normalization\_1/gamma/Adam/Assign

batch\_normalization\_1/gamma/Adam/read

batch\_normalization\_1/gamma/Adam\_1/Initializer/zeros

batch\_normalization\_1/gamma/Adam\_1

batch\_normalization\_1/gamma/Adam\_1/Assign

batch\_normalization\_1/gamma/Adam\_1/read

batch\_normalization\_1/beta/Adam/Initializer/zeros

batch\_normalization\_1/beta/Adam

batch\_normalization\_1/beta/Adam/Assign

batch\_normalization\_1/beta/Adam/read

batch\_normalization\_1/beta/Adam\_1/Initializer/zeros

batch\_normalization\_1/beta/Adam\_1

batch\_normalization\_1/beta/Adam\_1/Assign

batch\_normalization\_1/beta/Adam\_1/read

hidden3/kernel/Adam/Initializer/zeros/shape\_as\_tensor

hidden3/kernel/Adam/Initializer/zeros/Const

hidden3/kernel/Adam/Initializer/zeros

hidden3/kernel/Adam

hidden3/kernel/Adam/Assign

hidden3/kernel/Adam/read

hidden3/kernel/Adam\_1/Initializer/zeros/shape\_as\_tensor

hidden3/kernel/Adam\_1/Initializer/zeros/Const

hidden3/kernel/Adam\_1/Initializer/zeros

hidden3/kernel/Adam\_1

hidden3/kernel/Adam\_1/Assign

hidden3/kernel/Adam\_1/read

hidden3/bias/Adam/Initializer/zeros

hidden3/bias/Adam

hidden3/bias/Adam/Assign

hidden3/bias/Adam/read

hidden3/bias/Adam\_1/Initializer/zeros

hidden3/bias/Adam\_1

hidden3/bias/Adam\_1/Assign

hidden3/bias/Adam\_1/read

batch\_normalization\_2/gamma/Adam/Initializer/zeros

batch\_normalization\_2/gamma/Adam

batch\_normalization\_2/gamma/Adam/Assign

batch\_normalization\_2/gamma/Adam/read

batch\_normalization\_2/gamma/Adam\_1/Initializer/zeros

batch\_normalization\_2/gamma/Adam\_1

batch\_normalization\_2/gamma/Adam\_1/Assign

batch\_normalization\_2/gamma/Adam\_1/read

batch\_normalization\_2/beta/Adam/Initializer/zeros

batch\_normalization\_2/beta/Adam

batch\_normalization\_2/beta/Adam/Assign

batch\_normalization\_2/beta/Adam/read

batch\_normalization\_2/beta/Adam\_1/Initializer/zeros

batch\_normalization\_2/beta/Adam\_1

batch\_normalization\_2/beta/Adam\_1/Assign

batch\_normalization\_2/beta/Adam\_1/read

hidden4/kernel/Adam/Initializer/zeros/shape\_as\_tensor

hidden4/kernel/Adam/Initializer/zeros/Const

hidden4/kernel/Adam/Initializer/zeros

hidden4/kernel/Adam

hidden4/kernel/Adam/Assign

hidden4/kernel/Adam/read

hidden4/kernel/Adam\_1/Initializer/zeros/shape\_as\_tensor

hidden4/kernel/Adam\_1/Initializer/zeros/Const

hidden4/kernel/Adam\_1/Initializer/zeros

hidden4/kernel/Adam\_1

hidden4/kernel/Adam\_1/Assign

hidden4/kernel/Adam\_1/read

hidden4/bias/Adam/Initializer/zeros

hidden4/bias/Adam

hidden4/bias/Adam/Assign

hidden4/bias/Adam/read

hidden4/bias/Adam\_1/Initializer/zeros

hidden4/bias/Adam\_1

hidden4/bias/Adam\_1/Assign

hidden4/bias/Adam\_1/read

batch\_normalization\_3/gamma/Adam/Initializer/zeros

batch\_normalization\_3/gamma/Adam

batch\_normalization\_3/gamma/Adam/Assign

batch\_normalization\_3/gamma/Adam/read

batch\_normalization\_3/gamma/Adam\_1/Initializer/zeros

batch\_normalization\_3/gamma/Adam\_1

batch\_normalization\_3/gamma/Adam\_1/Assign

batch\_normalization\_3/gamma/Adam\_1/read

batch\_normalization\_3/beta/Adam/Initializer/zeros

batch\_normalization\_3/beta/Adam

batch\_normalization\_3/beta/Adam/Assign

batch\_normalization\_3/beta/Adam/read

batch\_normalization\_3/beta/Adam\_1/Initializer/zeros

batch\_normalization\_3/beta/Adam\_1

batch\_normalization\_3/beta/Adam\_1/Assign

batch\_normalization\_3/beta/Adam\_1/read

hidden5/kernel/Adam/Initializer/zeros/shape\_as\_tensor

hidden5/kernel/Adam/Initializer/zeros/Const

hidden5/kernel/Adam/Initializer/zeros

hidden5/kernel/Adam

hidden5/kernel/Adam/Assign

hidden5/kernel/Adam/read

hidden5/kernel/Adam\_1/Initializer/zeros/shape\_as\_tensor

hidden5/kernel/Adam\_1/Initializer/zeros/Const

hidden5/kernel/Adam\_1/Initializer/zeros

hidden5/kernel/Adam\_1

hidden5/kernel/Adam\_1/Assign

hidden5/kernel/Adam\_1/read

hidden5/bias/Adam/Initializer/zeros

hidden5/bias/Adam

hidden5/bias/Adam/Assign

hidden5/bias/Adam/read

hidden5/bias/Adam\_1/Initializer/zeros

hidden5/bias/Adam\_1

hidden5/bias/Adam\_1/Assign

hidden5/bias/Adam\_1/read

batch\_normalization\_4/gamma/Adam/Initializer/zeros

batch\_normalization\_4/gamma/Adam

batch\_normalization\_4/gamma/Adam/Assign

batch\_normalization\_4/gamma/Adam/read

batch\_normalization\_4/gamma/Adam\_1/Initializer/zeros

batch\_normalization\_4/gamma/Adam\_1

batch\_normalization\_4/gamma/Adam\_1/Assign

batch\_normalization\_4/gamma/Adam\_1/read

batch\_normalization\_4/beta/Adam/Initializer/zeros

batch\_normalization\_4/beta/Adam

batch\_normalization\_4/beta/Adam/Assign

batch\_normalization\_4/beta/Adam/read

batch\_normalization\_4/beta/Adam\_1/Initializer/zeros

batch\_normalization\_4/beta/Adam\_1

batch\_normalization\_4/beta/Adam\_1/Assign

batch\_normalization\_4/beta/Adam\_1/read

logits/kernel/Adam/Initializer/zeros

logits/kernel/Adam

logits/kernel/Adam/Assign

logits/kernel/Adam/read

logits/kernel/Adam\_1/Initializer/zeros

logits/kernel/Adam\_1

logits/kernel/Adam\_1/Assign

logits/kernel/Adam\_1/read

logits/bias/Adam/Initializer/zeros

logits/bias/Adam

logits/bias/Adam/Assign

logits/bias/Adam/read

logits/bias/Adam\_1/Initializer/zeros

logits/bias/Adam\_1

logits/bias/Adam\_1/Assign

logits/bias/Adam\_1/read

Adam/learning\_rate

Adam/beta1

Adam/beta2

Adam/epsilon

Adam/update\_hidden1/kernel/ApplyAdam

Adam/update\_hidden1/bias/ApplyAdam

Adam/update\_batch\_normalization/gamma/ApplyAdam

Adam/update\_batch\_normalization/beta/ApplyAdam

Adam/update\_hidden2/kernel/ApplyAdam

Adam/update\_hidden2/bias/ApplyAdam

Adam/update\_batch\_normalization\_1/gamma/ApplyAdam

Adam/update\_batch\_normalization\_1/beta/ApplyAdam

Adam/update\_hidden3/kernel/ApplyAdam

Adam/update\_hidden3/bias/ApplyAdam

Adam/update\_batch\_normalization\_2/gamma/ApplyAdam

Adam/update\_batch\_normalization\_2/beta/ApplyAdam

Adam/update\_hidden4/kernel/ApplyAdam

Adam/update\_hidden4/bias/ApplyAdam

Adam/update\_batch\_normalization\_3/gamma/ApplyAdam

Adam/update\_batch\_normalization\_3/beta/ApplyAdam

Adam/update\_hidden5/kernel/ApplyAdam

Adam/update\_hidden5/bias/ApplyAdam

Adam/update\_batch\_normalization\_4/gamma/ApplyAdam

Adam/update\_batch\_normalization\_4/beta/ApplyAdam

Adam/update\_logits/kernel/ApplyAdam

Adam/update\_logits/bias/ApplyAdam

Adam/mul

Adam/Assign

Adam/mul\_1

Adam/Assign\_1

Adam

in\_top\_k/InTopKV2/k

in\_top\_k/InTopKV2

Cast

Const\_1

accuracy

init

save/Const

save/SaveV2/tensor\_names

save/SaveV2/shape\_and\_slices

save/SaveV2

save/control\_dependency

save/RestoreV2/tensor\_names

save/RestoreV2/shape\_and\_slices

save/RestoreV2

save/Assign

save/Assign\_1

save/Assign\_2

save/Assign\_3

save/Assign\_4

save/Assign\_5

save/Assign\_6

save/Assign\_7

save/Assign\_8

save/Assign\_9

save/Assign\_10

save/Assign\_11

save/Assign\_12

save/Assign\_13

save/Assign\_14

save/Assign\_15

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save/Assign\_70

save/Assign\_71

save/Assign\_72

save/Assign\_73

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save/Assign\_77

save/restore\_all