

ptq_test_aimet-resnet50_mnist_final

December 20, 2023

```
[1]: from typing import Optional

import numpy as np
import tensorflow as tf
from tensorflow.keras.applications.resnet import ResNet50

from aimet_tensorflow.utils.common import iterate_tf_dataset
from aimet_tensorflow.adaround.adaround_weight import AdaroundParameters
from aimet_tensorflow.auto_quant import AutoQuant
from aimet_tensorflow.utils.graph import update_keras_bn_ops_trainable_flag

tf.compat.v1.disable_eager_execution()
```

2023-12-14 06:38:38.505373: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX2 AVX_VNNI FMA

To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.

2023-12-14 06:38:38.676850: I tensorflow/core/util/util.cc:169] oneDNN custom operations are on. You may see slightly different numerical results due to floating-point round-off errors from different computation orders. To turn them off, set the environment variable `TF_ENABLE_ONEDNN_OPTS=0`.

2023-12-14 06:38:38.764319: E tensorflow/stream_executor/cuda/cuda_blas.cc:2981] Unable to register cuBLAS factory: Attempting to register factory for plugin cuBLAS when one has already been registered

2023-12-14 06:38:39.390481: W

tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'libnvinfer.so.7'; dLError: libnvinfer.so.7: cannot open shared object file: No such file or directory; LD_LIBRARY_PATH: /usr/local/nvidia/lib:/usr/local/nvidia/lib64

2023-12-14 06:38:39.390577: W

tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'libnvinfer_plugin.so.7'; dLError: libnvinfer_plugin.so.7: cannot open shared object file: No such file or directory; LD_LIBRARY_PATH: /usr/local/nvidia/lib:/usr/local/nvidia/lib64

2023-12-14 06:38:39.390581: W

tensorflow/compiler/tf2tensorrt/utils/py_utils.cc:38] TF-TRT Warning: Cannot

dlopen some TensorRT libraries. If you would like to use Nvidia GPU with TensorRT, please make sure the missing libraries mentioned above are installed properly.

```
2023-12-14 06:38:40,472 - root - INFO - AIMET
WARNING:tensorflow:From /usr/local/lib/python3.8/dist-
packages/keras/layers/normalization/batch_normalization.py:562: _colocate_with
(from tensorflow.python.framework.ops) is deprecated and will be removed in a
future version.
```

Instructions for updating:

Colocations handled automatically by placer.

```
2023-12-14 06:38:40,796 - tensorflow - WARNING - From
/usr/local/lib/python3.8/dist-
packages/keras/layers/normalization/batch_normalization.py:562: _colocate_with
(from tensorflow.python.framework.ops) is deprecated and will be removed in a
future version.
```

Instructions for updating:

Colocations handled automatically by placer.

```
2023-12-14 06:38:40.767378: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
```

```
2023-12-14 06:38:40.781566: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
```

```
2023-12-14 06:38:40.781656: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
```

```
[2]: import math
import matplotlib.pyplot as plt
from typing import List

from tensorflow.keras import layers, models
from tensorflow.keras.datasets import mnist
from tensorflow.keras.utils import to_categorical

from tensorflow.python.ops.numpy_ops import np_config
np_config.enable_numpy_behavior()
```

```
[3]: tf.test.is_gpu_available()
```

```
WARNING:tensorflow:From /tmp/ipykernel_587/337460670.py:1: is_gpu_available
(from tensorflow.python.framework.test_util) is deprecated and will be removed
in a future version.
```

Instructions for updating:

```
Use `tf.config.list_physical_devices('GPU')` instead.  
2023-12-14 06:38:41,347 - tensorflow - WARNING - From  
/tmp/ipykernel_587/337460670.py:1: is_gpu_available (from  
tensorflow.python.framework.test_util) is deprecated and will be removed in a  
future version.
```

Instructions for updating:

```
Use `tf.config.list_physical_devices('GPU')` instead.
```

```
2023-12-14 06:38:41.349132: I tensorflow/core/platform/cpu_feature_guard.cc:193]  
This TensorFlow binary is optimized with oneAPI Deep Neural Network Library  
(oneDNN) to use the following CPU instructions in performance-critical  
operations: AVX2 AVX_VNNI FMA  
To enable them in other operations, rebuild TensorFlow with the appropriate  
compiler flags.
```

```
2023-12-14 06:38:41.350125: I  
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero
```

```
2023-12-14 06:38:41.350273: I  
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero
```

```
2023-12-14 06:38:41.350338: I  
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero
```

```
2023-12-14 06:38:41.908319: I  
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero
```

```
2023-12-14 06:38:41.908431: I  
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node  
read from S
```

[3]: True

```
ysFS had negative value (-1), but there must be at least one NUMA node, so  
returning NUMA node zero
```

```
2023-12-14 06:38:41.908492: I  
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero
```

```
2023-12-14 06:38:41.908553: I  
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device  
/device:GPU:0 with 1920 MB memory: -> device: 0, name: NVIDIA GeForce RTX 3050  
Laptop GPU, pci bus id: 0000:01:00.0, compute capability: 8.6
```

```

[4]: # import sys

# sys.path.insert(0, '.././../')

[5]: # from Examples.common import image_net_config
# from Examples.tensorflow.utils.image_net_evaluator import ImageNetDataLoader
# from Examples.tensorflow.utils.image_net_evaluator import ImageNetEvaluator
# from Examples.tensorflow.utils.image_net_trainer import ImageNetTrainer

[6]: # Load and preprocess the MNIST dataset
tf.compat.v1.keras.backend.clear_session()

(x_train, y_train), (x_test, y_test) = mnist.load_data()
x_train=x_train.reshape(60000,28,28,1)
x_test=x_test.reshape(10000,28,28,1)
x_train = tf.image.grayscale_to_rgb(tf.convert_to_tensor(x_train)) # Convert
↳MNIST images to RGB format
x_test = tf.image.grayscale_to_rgb(tf.convert_to_tensor(x_test))
x_train = tf.image.resize(x_train, (32, 32)) # Resize MNIST images to the
↳input size of MobileNetV2
x_test = tf.image.resize(x_test, (32, 32))

sess = tf.compat.v1.keras.backend.get_session()

with sess.as_default():
    x_train=sess.run(x_train)
    x_test=sess.run(x_test)

# x_train=np.array(x_train,dtype='uint8')
# x_test=np.array(x_test,dtype='uint8')

# x_train = MobileNetV2.preprocess_input(x_train)
# x_test = MobileNetV2.preprocess_input(x_test)
y_train = to_categorical(y_train)
y_test = to_categorical(y_test)

```

WARNING:tensorflow:From /tmp/ipykernel_587/50790062.py:12: The name tf.keras.backend.get_session is deprecated. Please use tf.compat.v1.keras.backend.get_session instead.

2023-12-14 06:38:42,342 - tensorflow - WARNING - From /tmp/ipykernel_587/50790062.py:12: The name tf.keras.backend.get_session is deprecated. Please use tf.compat.v1.keras.backend.get_session instead.

2023-12-14 06:38:42.343880: I tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node

```

read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:42.344035: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:42.344097: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:42.344194: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:42.344259: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:42.344319: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
2023-12-14 06:38:42.390198: I
tensorflow/compiler/mlir/mlir_graph_optimization_pass.cc:354] MLIR V1
optimization pass is not enabled

```

```

[7]: # # tf.compat.v1.keras.backend.clear_session()
# model_resnet = ResNet50(weights='imagenet', include_top=False,
↳ input_shape=(32, 32, 3))
# # model_mnist= models.load_model("mnist_cnn_model.h5")
# # model_mobilenet.summary()
# # sess = tf.compat.v1.keras.backend.get_session()
# x=model_resnet.output
# x=tf.keras.layers.GlobalAveragePooling2D()(x)
# pred=tf.keras.layers.Dense(10,activation='softmax')(x)
# model=tf.keras.Model(inputs=model_resnet.input, outputs=pred)

# model.summary()

# # Compile the model
# model.compile(optimizer='adam',
#               loss='categorical_crossentropy',
#               metrics=['accuracy'])
# # @tf.function
# # Train the model

```

```
# # model.fit(x_train, y_train, epochs=5, batch_size=256,
↳ validation_data=(x_test, y_test))

# model.fit(x_train, y_train, epochs=5,
↳ batch_size=32, steps_per_epoch=1, validation_data=(x_test, y_test))

# model.save("resnet50_mnist_cnn_model_autoquant_aimet_test.h5")
# resnet_model=models.load_model("/home/aimet/Examples/tensorflow/quantization/
↳ resnet50_mnist_cnn_model_autoquant_aimet_finaltest.h5")
```

```
[8]: tf.compat.v1.keras.backend.clear_session()
resnet_model=models.load_model("/home/aimet/Examples/tensorflow/quantization/
↳ resnet50_mnist_cnn_model_autoquant_aimet_finaltest.h5")
sess = tf.compat.v1.keras.backend.get_session()
```

```
2023-12-14 06:38:47.302560: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:47.302713: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:47.302781: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:47.302880: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:47.302943: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:38:47.302998: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
```

```
[9]: resnet_model.input
```

```
[9]: <tf.Tensor 'input_1:0' shape=(None, 32, 32, 3) dtype=float32>
```

```
[10]: resnet_model.summary()
```


conv2_block1_0_conv (Conv2D) ['pool1_pool[0][0]']	(None, 8, 8, 256)	16640
conv2_block1_3_conv (Conv2D) ['conv2_block1_2_relu[0][0]']	(None, 8, 8, 256)	16640
conv2_block1_0_bn (BatchNormal ization) ['conv2_block1_0_conv[0][0]']	(None, 8, 8, 256)	1024
conv2_block1_3_bn (BatchNormal ization) ['conv2_block1_3_conv[0][0]']	(None, 8, 8, 256)	1024
conv2_block1_add (Add) ['conv2_block1_0_bn[0][0]', 'conv2_block1_3_bn[0][0]']	(None, 8, 8, 256)	0
conv2_block1_out (Activation) ['conv2_block1_add[0][0]']	(None, 8, 8, 256)	0
conv2_block2_1_conv (Conv2D) ['conv2_block1_out[0][0]']	(None, 8, 8, 64)	16448
conv2_block2_1_bn (BatchNormal ization) ['conv2_block2_1_conv[0][0]']	(None, 8, 8, 64)	256
conv2_block2_1_relu (Activatio n) ['conv2_block2_1_bn[0][0]']	(None, 8, 8, 64)	0
conv2_block2_2_conv (Conv2D) ['conv2_block2_1_relu[0][0]']	(None, 8, 8, 64)	36928
conv2_block2_2_bn (BatchNormal ization) ['conv2_block2_2_conv[0][0]']	(None, 8, 8, 64)	256
conv2_block2_2_relu (Activatio n) ['conv2_block2_2_bn[0][0]']	(None, 8, 8, 64)	0
conv2_block2_3_conv (Conv2D) ['conv2_block2_2_relu[0][0]']	(None, 8, 8, 256)	16640
conv2_block2_3_bn (BatchNormal ization) ['conv2_block2_3_conv[0][0]']	(None, 8, 8, 256)	1024


```

ization)

conv2_block2_add (Add)      (None, 8, 8, 256)  0
['conv2_block1_out[0][0]',
'conv2_block2_3_bn[0][0]']

conv2_block2_out (Activation) (None, 8, 8, 256)  0
['conv2_block2_add[0][0]']

conv2_block3_1_conv (Conv2D)  (None, 8, 8, 64)   16448
['conv2_block2_out[0][0]']

conv2_block3_1_bn (BatchNormal (None, 8, 8, 64)   256
ization)
['conv2_block3_1_conv[0][0]']

conv2_block3_1_relu (Activatio (None, 8, 8, 64)   0
n)
['conv2_block3_1_bn[0][0]']

conv2_block3_2_conv (Conv2D)  (None, 8, 8, 64)   36928
['conv2_block3_1_relu[0][0]']

conv2_block3_2_bn (BatchNormal (None, 8, 8, 64)   256
ization)
['conv2_block3_2_conv[0][0]']

conv2_block3_2_relu (Activatio (None, 8, 8, 64)   0
n)
['conv2_block3_2_bn[0][0]']

conv2_block3_3_conv (Conv2D)  (None, 8, 8, 256)  16640
['conv2_block3_2_relu[0][0]']

conv2_block3_3_bn (BatchNormal (None, 8, 8, 256)  1024
ization)
['conv2_block3_3_conv[0][0]']

conv2_block3_add (Add)      (None, 8, 8, 256)  0
['conv2_block2_out[0][0]',
'conv2_block3_3_bn[0][0]']

conv2_block3_out (Activation) (None, 8, 8, 256)  0
['conv2_block3_add[0][0]']

conv3_block1_1_conv (Conv2D)  (None, 4, 4, 128)  32896
['conv2_block3_out[0][0]']

```

conv3_block1_1_bn (BatchNormal ['conv3_block1_1_conv[0][0]' ization)	(None, 4, 4, 128)	512
conv3_block1_1_relu (Activatio ['conv3_block1_1_bn[0][0]' n)	(None, 4, 4, 128)	0
conv3_block1_2_conv (Conv2D) ['conv3_block1_1_relu[0][0]']	(None, 4, 4, 128)	147584
conv3_block1_2_bn (BatchNormal ['conv3_block1_2_conv[0][0]' ization)	(None, 4, 4, 128)	512
conv3_block1_2_relu (Activatio ['conv3_block1_2_bn[0][0]' n)	(None, 4, 4, 128)	0
conv3_block1_0_conv (Conv2D) ['conv2_block3_out[0][0]']	(None, 4, 4, 512)	131584
conv3_block1_3_conv (Conv2D) ['conv3_block1_2_relu[0][0]']	(None, 4, 4, 512)	66048
conv3_block1_0_bn (BatchNormal ['conv3_block1_0_conv[0][0]' ization)	(None, 4, 4, 512)	2048
conv3_block1_3_bn (BatchNormal ['conv3_block1_3_conv[0][0]' ization)	(None, 4, 4, 512)	2048
conv3_block1_add (Add) ['conv3_block1_0_bn[0][0]', 'conv3_block1_3_bn[0][0]']	(None, 4, 4, 512)	0
conv3_block1_out (Activation) ['conv3_block1_add[0][0]']	(None, 4, 4, 512)	0
conv3_block2_1_conv (Conv2D) ['conv3_block1_out[0][0]']	(None, 4, 4, 128)	65664
conv3_block2_1_bn (BatchNormal ['conv3_block2_1_conv[0][0]' ization)	(None, 4, 4, 128)	512
conv3_block2_1_relu (Activatio ('None, 4, 4, 128)	(None, 4, 4, 128)	0

```

['conv3_block2_1_bn[0][0]']
n)

conv3_block2_2_conv (Conv2D) (None, 4, 4, 128) 147584
['conv3_block2_1_relu[0][0]']

conv3_block2_2_bn (BatchNormal (None, 4, 4, 128) 512
['conv3_block2_2_conv[0][0]']
ization)

conv3_block2_2_relu (Activatio (None, 4, 4, 128) 0
['conv3_block2_2_bn[0][0]']
n)

conv3_block2_3_conv (Conv2D) (None, 4, 4, 512) 66048
['conv3_block2_2_relu[0][0]']

conv3_block2_3_bn (BatchNormal (None, 4, 4, 512) 2048
['conv3_block2_3_conv[0][0]']
ization)

conv3_block2_add (Add) (None, 4, 4, 512) 0
['conv3_block1_out[0][0]',
'conv3_block2_3_bn[0][0]']

conv3_block2_out (Activation) (None, 4, 4, 512) 0
['conv3_block2_add[0][0]']

conv3_block3_1_conv (Conv2D) (None, 4, 4, 128) 65664
['conv3_block2_out[0][0]']

conv3_block3_1_bn (BatchNormal (None, 4, 4, 128) 512
['conv3_block3_1_conv[0][0]']
ization)

conv3_block3_1_relu (Activatio (None, 4, 4, 128) 0
['conv3_block3_1_bn[0][0]']
n)

conv3_block3_2_conv (Conv2D) (None, 4, 4, 128) 147584
['conv3_block3_1_relu[0][0]']

conv3_block3_2_bn (BatchNormal (None, 4, 4, 128) 512
['conv3_block3_2_conv[0][0]']
ization)

conv3_block3_2_relu (Activatio (None, 4, 4, 128) 0
['conv3_block3_2_bn[0][0]']

```

n)

conv3_block3_3_conv (Conv2D)	(None, 4, 4, 512)	66048
['conv3_block3_2_relu[0][0]']		
conv3_block3_3_bn (BatchNormal	(None, 4, 4, 512)	2048
ization)		
conv3_block3_add (Add)	(None, 4, 4, 512)	0
['conv3_block2_out[0][0]', 'conv3_block3_3_bn[0][0]']		
conv3_block3_out (Activation)	(None, 4, 4, 512)	0
['conv3_block3_add[0][0]']		
conv3_block4_1_conv (Conv2D)	(None, 4, 4, 128)	65664
['conv3_block3_out[0][0]']		
conv3_block4_1_bn (BatchNormal	(None, 4, 4, 128)	512
ization)		
conv3_block4_1_relu (Activatio	(None, 4, 4, 128)	0
n)		
conv3_block4_2_conv (Conv2D)	(None, 4, 4, 128)	147584
['conv3_block4_1_relu[0][0]']		
conv3_block4_2_bn (BatchNormal	(None, 4, 4, 128)	512
ization)		
conv3_block4_2_relu (Activatio	(None, 4, 4, 128)	0
n)		
conv3_block4_3_conv (Conv2D)	(None, 4, 4, 512)	66048
['conv3_block4_2_relu[0][0]']		
conv3_block4_3_bn (BatchNormal	(None, 4, 4, 512)	2048
ization)		
conv3_block4_add (Add)	(None, 4, 4, 512)	0
['conv3_block3_out[0][0]', 'conv3_block4_3_bn[0][0]']		

conv3_block4_out (Activation)	(None, 4, 4, 512)	0
['conv3_block4_add[0][0]']		
conv4_block1_1_conv (Conv2D)	(None, 2, 2, 256)	131328
['conv3_block4_out[0][0]']		
conv4_block1_1_bn (BatchNormal ization)	(None, 2, 2, 256)	1024
['conv4_block1_1_conv[0][0]']		
conv4_block1_1_relu (Activatio n)	(None, 2, 2, 256)	0
['conv4_block1_1_bn[0][0]']		
conv4_block1_2_conv (Conv2D)	(None, 2, 2, 256)	590080
['conv4_block1_1_relu[0][0]']		
conv4_block1_2_bn (BatchNormal ization)	(None, 2, 2, 256)	1024
['conv4_block1_2_conv[0][0]']		
conv4_block1_2_relu (Activatio n)	(None, 2, 2, 256)	0
['conv4_block1_2_bn[0][0]']		
conv4_block1_0_conv (Conv2D)	(None, 2, 2, 1024)	525312
['conv3_block4_out[0][0]']		
conv4_block1_3_conv (Conv2D)	(None, 2, 2, 1024)	263168
['conv4_block1_2_relu[0][0]']		
conv4_block1_0_bn (BatchNormal ization)	(None, 2, 2, 1024)	4096
['conv4_block1_0_conv[0][0]']		
conv4_block1_3_bn (BatchNormal ization)	(None, 2, 2, 1024)	4096
['conv4_block1_3_conv[0][0]']		
conv4_block1_add (Add)	(None, 2, 2, 1024)	0
['conv4_block1_0_bn[0][0]', 'conv4_block1_3_bn[0][0]']		
conv4_block1_out (Activation)	(None, 2, 2, 1024)	0
['conv4_block1_add[0][0]']		
conv4_block2_1_conv (Conv2D)	(None, 2, 2, 256)	262400

```

['conv4_block1_out[0][0]']

conv4_block2_1_bn (BatchNormal (None, 2, 2, 256) 1024
['conv4_block2_1_conv[0][0]']
ization)

conv4_block2_1_relu (Activatio (None, 2, 2, 256) 0
['conv4_block2_1_bn[0][0]']
n)

conv4_block2_2_conv (Conv2D) (None, 2, 2, 256) 590080
['conv4_block2_1_relu[0][0]']

conv4_block2_2_bn (BatchNormal (None, 2, 2, 256) 1024
['conv4_block2_2_conv[0][0]']
ization)

conv4_block2_2_relu (Activatio (None, 2, 2, 256) 0
['conv4_block2_2_bn[0][0]']
n)

conv4_block2_3_conv (Conv2D) (None, 2, 2, 1024) 263168
['conv4_block2_2_relu[0][0]']

conv4_block2_3_bn (BatchNormal (None, 2, 2, 1024) 4096
['conv4_block2_3_conv[0][0]']
ization)

conv4_block2_add (Add) (None, 2, 2, 1024) 0
['conv4_block1_out[0][0]',
'conv4_block2_3_bn[0][0]']

conv4_block2_out (Activation) (None, 2, 2, 1024) 0
['conv4_block2_add[0][0]']

conv4_block3_1_conv (Conv2D) (None, 2, 2, 256) 262400
['conv4_block2_out[0][0]']

conv4_block3_1_bn (BatchNormal (None, 2, 2, 256) 1024
['conv4_block3_1_conv[0][0]']
ization)

conv4_block3_1_relu (Activatio (None, 2, 2, 256) 0
['conv4_block3_1_bn[0][0]']
n)

conv4_block3_2_conv (Conv2D) (None, 2, 2, 256) 590080
['conv4_block3_1_relu[0][0]']

```

conv4_block3_2_bn (BatchNormal ['conv4_block3_2_conv[0][0]' ization)	(None, 2, 2, 256)	1024
conv4_block3_2_relu (Activatio ['conv4_block3_2_bn[0][0]' n)	(None, 2, 2, 256)	0
conv4_block3_3_conv (Conv2D) ['conv4_block3_2_relu[0][0]']	(None, 2, 2, 1024)	263168
conv4_block3_3_bn (BatchNormal ['conv4_block3_3_conv[0][0]' ization)	(None, 2, 2, 1024)	4096
conv4_block3_add (Add) ['conv4_block2_out[0][0]', 'conv4_block3_3_bn[0][0]']	(None, 2, 2, 1024)	0
conv4_block3_out (Activation) ['conv4_block3_add[0][0]']	(None, 2, 2, 1024)	0
conv4_block4_1_conv (Conv2D) ['conv4_block3_out[0][0]']	(None, 2, 2, 256)	262400
conv4_block4_1_bn (BatchNormal ['conv4_block4_1_conv[0][0]' ization)	(None, 2, 2, 256)	1024
conv4_block4_1_relu (Activatio ['conv4_block4_1_bn[0][0]' n)	(None, 2, 2, 256)	0
conv4_block4_2_conv (Conv2D) ['conv4_block4_1_relu[0][0]']	(None, 2, 2, 256)	590080
conv4_block4_2_bn (BatchNormal ['conv4_block4_2_conv[0][0]' ization)	(None, 2, 2, 256)	1024
conv4_block4_2_relu (Activatio ['conv4_block4_2_bn[0][0]' n)	(None, 2, 2, 256)	0
conv4_block4_3_conv (Conv2D) ['conv4_block4_2_relu[0][0]']	(None, 2, 2, 1024)	263168

conv4_block4_3_bn (BatchNormal ['conv4_block4_3_conv[0][0]' ization)	(None, 2, 2, 1024)	4096
conv4_block4_add (Add) ['conv4_block3_out[0][0]' 'conv4_block4_3_bn[0][0]']	(None, 2, 2, 1024)	0
conv4_block4_out (Activation) ['conv4_block4_add[0][0]']	(None, 2, 2, 1024)	0
conv4_block5_1_conv (Conv2D) ['conv4_block4_out[0][0]']	(None, 2, 2, 256)	262400
conv4_block5_1_bn (BatchNormal ['conv4_block5_1_conv[0][0]' ization)	(None, 2, 2, 256)	1024
conv4_block5_1_relu (Activatio ['conv4_block5_1_bn[0][0]'] n)	(None, 2, 2, 256)	0
conv4_block5_2_conv (Conv2D) ['conv4_block5_1_relu[0][0]']	(None, 2, 2, 256)	590080
conv4_block5_2_bn (BatchNormal ['conv4_block5_2_conv[0][0]' ization)	(None, 2, 2, 256)	1024
conv4_block5_2_relu (Activatio ['conv4_block5_2_bn[0][0]'] n)	(None, 2, 2, 256)	0
conv4_block5_3_conv (Conv2D) ['conv4_block5_2_relu[0][0]']	(None, 2, 2, 1024)	263168
conv4_block5_3_bn (BatchNormal ['conv4_block5_3_conv[0][0]' ization)	(None, 2, 2, 1024)	4096
conv4_block5_add (Add) ['conv4_block4_out[0][0]' 'conv4_block5_3_bn[0][0]']	(None, 2, 2, 1024)	0
conv4_block5_out (Activation) ['conv4_block5_add[0][0]']	(None, 2, 2, 1024)	0
conv4_block6_1_conv (Conv2D)	(None, 2, 2, 256)	262400


```

['conv4_block5_out[0][0]']

conv4_block6_1_bn (BatchNormal (None, 2, 2, 256) 1024
['conv4_block6_1_conv[0][0]']
ization)

conv4_block6_1_relu (Activatio (None, 2, 2, 256) 0
['conv4_block6_1_bn[0][0]']
n)

conv4_block6_2_conv (Conv2D) (None, 2, 2, 256) 590080
['conv4_block6_1_relu[0][0]']

conv4_block6_2_bn (BatchNormal (None, 2, 2, 256) 1024
['conv4_block6_2_conv[0][0]']
ization)

conv4_block6_2_relu (Activatio (None, 2, 2, 256) 0
['conv4_block6_2_bn[0][0]']
n)

conv4_block6_3_conv (Conv2D) (None, 2, 2, 1024) 263168
['conv4_block6_2_relu[0][0]']

conv4_block6_3_bn (BatchNormal (None, 2, 2, 1024) 4096
['conv4_block6_3_conv[0][0]']
ization)

conv4_block6_add (Add) (None, 2, 2, 1024) 0
['conv4_block5_out[0][0]',
'conv4_block6_3_bn[0][0]']

conv4_block6_out (Activation) (None, 2, 2, 1024) 0
['conv4_block6_add[0][0]']

conv5_block1_1_conv (Conv2D) (None, 1, 1, 512) 524800
['conv4_block6_out[0][0]']

conv5_block1_1_bn (BatchNormal (None, 1, 1, 512) 2048
['conv5_block1_1_conv[0][0]']
ization)

conv5_block1_1_relu (Activatio (None, 1, 1, 512) 0
['conv5_block1_1_bn[0][0]']
n)

conv5_block1_2_conv (Conv2D) (None, 1, 1, 512) 2359808
['conv5_block1_1_relu[0][0]']

```

conv5_block1_2_bn (BatchNormal ['conv5_block1_2_conv[0][0]' ization)	(None, 1, 1, 512)	2048
conv5_block1_2_relu (Activatio ['conv5_block1_2_bn[0][0]' n)	(None, 1, 1, 512)	0
conv5_block1_0_conv (Conv2D) ['conv4_block6_out[0][0]']	(None, 1, 1, 2048)	2099200
conv5_block1_3_conv (Conv2D) ['conv5_block1_2_relu[0][0]']	(None, 1, 1, 2048)	1050624
conv5_block1_0_bn (BatchNormal ['conv5_block1_0_conv[0][0]' ization)	(None, 1, 1, 2048)	8192
conv5_block1_3_bn (BatchNormal ['conv5_block1_3_conv[0][0]' ization)	(None, 1, 1, 2048)	8192
conv5_block1_add (Add) ['conv5_block1_0_bn[0][0]', 'conv5_block1_3_bn[0][0]']	(None, 1, 1, 2048)	0
conv5_block1_out (Activation) ['conv5_block1_add[0][0]']	(None, 1, 1, 2048)	0
conv5_block2_1_conv (Conv2D) ['conv5_block1_out[0][0]']	(None, 1, 1, 512)	1049088
conv5_block2_1_bn (BatchNormal ['conv5_block2_1_conv[0][0]' ization)	(None, 1, 1, 512)	2048
conv5_block2_1_relu (Activatio ['conv5_block2_1_bn[0][0]' n)	(None, 1, 1, 512)	0
conv5_block2_2_conv (Conv2D) ['conv5_block2_1_relu[0][0]']	(None, 1, 1, 512)	2359808
conv5_block2_2_bn (BatchNormal ['conv5_block2_2_conv[0][0]' ization)	(None, 1, 1, 512)	2048

conv5_block2_2_relu (Activation) ['conv5_block2_2_bn[0][0]'] n)	(None, 1, 1, 512)	0
conv5_block2_3_conv (Conv2D) ['conv5_block2_2_relu[0][0]']	(None, 1, 1, 2048)	1050624
conv5_block2_3_bn (BatchNormal ['conv5_block2_3_conv[0][0]'] ization)	(None, 1, 1, 2048)	8192
conv5_block2_add (Add) ['conv5_block1_out[0][0]', 'conv5_block2_3_bn[0][0]']	(None, 1, 1, 2048)	0
conv5_block2_out (Activation) ['conv5_block2_add[0][0]']	(None, 1, 1, 2048)	0
conv5_block3_1_conv (Conv2D) ['conv5_block2_out[0][0]']	(None, 1, 1, 512)	1049088
conv5_block3_1_bn (BatchNormal ['conv5_block3_1_conv[0][0]'] ization)	(None, 1, 1, 512)	2048
conv5_block3_1_relu (Activation) ['conv5_block3_1_bn[0][0]'] n)	(None, 1, 1, 512)	0
conv5_block3_2_conv (Conv2D) ['conv5_block3_1_relu[0][0]']	(None, 1, 1, 512)	2359808
conv5_block3_2_bn (BatchNormal ['conv5_block3_2_conv[0][0]'] ization)	(None, 1, 1, 512)	2048
conv5_block3_2_relu (Activation) ['conv5_block3_2_bn[0][0]'] n)	(None, 1, 1, 512)	0
conv5_block3_3_conv (Conv2D) ['conv5_block3_2_relu[0][0]']	(None, 1, 1, 2048)	1050624
conv5_block3_3_bn (BatchNormal ['conv5_block3_3_conv[0][0]'] ization)	(None, 1, 1, 2048)	8192
conv5_block3_add (Add)	(None, 1, 1, 2048)	0

```

['conv5_block2_out[0][0]',
'conv5_block3_3_bn[0][0]']

conv5_block3_out (Activation) (None, 1, 1, 2048) 0
['conv5_block3_add[0][0]']

global_average_pooling2d (GlobalAveragePooling2D) (None, 2048) 0
['conv5_block3_out[0][0]']
alAveragePooling2D)

dense (Dense) (None, 10) 20490
['global_average_pooling2d[0][0]']
]

```

```

=====
=====
Total params: 23,608,202
Trainable params: 23,555,082
Non-trainable params: 53,120
-----
-----

```

```

[11]: # with sess.as_default():
test_loss, test_acc = resnet_model.evaluate(x_test, y_test)
print(f'Test accuracy: {test_acc}')

```

```

/usr/local/lib/python3.8/dist-packages/keras/engine/training_v1.py:2332:
UserWarning: `Model.state_updates` will be removed in a future version. This
property should not be used in TensorFlow 2.0, as `updates` are applied
automatically.
updates = self.state_updates
2023-12-14 06:38:52.643588: I tensorflow/stream_executor/cuda/cuda_dnn.cc:384]
Loaded cuDNN version 8101
2023-12-14 06:38:53.915356: I tensorflow/stream_executor/cuda/cuda_blas.cc:1614]
TensorFloat-32 will be used for the matrix multiplication. This will only be
logged once.

Test accuracy: 0.9836000204086304

```

```

[12]: EVAL_DATASET_SIZE = 5000
CALIBRATION_DATASET_SIZE = 2000
BATCH_SIZE = 64

_sampled_datasets = {}

def _create_sampled_dataset(dataset, num_samples):
    if num_samples in _sampled_datasets:
        return _sampled_datasets[num_samples]

```

```

with dataset._graph.as_default():
    SHUFFLE_BUFFER_SIZE = 300 # NOTE: Adjust the buffer size as necessary.
    SHUFFLE_SEED = 22222
    dataset = dataset.shuffle(buffer_size=SHUFFLE_BUFFER_SIZE,
↪seed=SHUFFLE_SEED)\
        .take(num_samples)\
        .batch(BATCH_SIZE)
    _sampled_datasets[num_samples] = dataset
return dataset

```

```

[13]: input_shape = (32, 32, 3)
      num_classes = 10

```

```

[14]: # model = ResNet50(weights='imagenet', input_shape=input_shape)
      from ainet_tensorflow.utils.graph import update_keras_bn_ops_trainable_flag

model = update_keras_bn_ops_trainable_flag(resnet_model, False,
↪load_save_path='/mnist_autoquant')

```

```

2023-12-14 06:39:06.004211: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:06.004367: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:06.004430: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:06.004524: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:06.004584: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:06.004637: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6

WARNING:tensorflow:Error in loading the saved optimizer state. As a result, your
model is starting with a freshly initialized optimizer.

```

2023-12-14 06:39:07,233 - tensorflow - WARNING - Error in loading the saved optimizer state. As a result, your model is starting with a freshly initialized optimizer.

```
[15]: input_tensor_name = model.input.name
input_op_name, _ = input_tensor_name.split(":")
output_tensor_name = model.output.name
output_op_name, _ = output_tensor_name.split(":")
```

```
[16]: output_op_name
```

```
[16]: 'dense/Softmax'
```

```
[17]: # NOTE: In the actual use cases, a real dataset should provide by the users.
images = x_train[:10000]
labels = y_train[:10000]
```

```
[18]: image_dataset = tf.compat.v1.data.Dataset.from_tensor_slices(images)\
                                             .repeat()\
                                             .take(EVAL_DATASET_SIZE)
label_dataset = tf.compat.v1.data.Dataset.from_tensor_slices(labels)\
                                             .repeat()\
                                             .take(EVAL_DATASET_SIZE)
eval_dataset = tf.compat.v1.data.Dataset.zip((image_dataset, label_dataset))
```

```
[19]: label_dataset
```

```
[19]: <TakeDataset element_spec=TensorSpec(shape=(10,), dtype=tf.float32, name=None)>
```

```
[20]: unlabeled_dataset = image_dataset.batch(BATCH_SIZE)
```

```
[21]: unlabeled_dataset
```

```
[21]: <BatchDataset element_spec=TensorSpec(shape=(None, 32, 32, 3), dtype=tf.float32,
name=None)>
```

```
[22]: from typing import Optional

def eval_callback(sess: tf.compat.v1.Session,
                 num_samples: Optional[int] = None) -> float:
    if num_samples is None:
        num_samples = EVAL_DATASET_SIZE

    sampled_dataset = _create_sampled_dataset(eval_dataset, num_samples)

    with sess.graph.as_default():
        sess.run(tf.compat.v1.global_variables_initializer())
```

```

input_tensor = sess.graph.get_tensor_by_name(input_tensor_name)
output_tensor = sess.graph.get_tensor_by_name(output_tensor_name)

num_correct_predictions = 0
for images, labels in iterate_tf_dataset(sampled_dataset):
    prob = sess.run(output_tensor, feed_dict={input_tensor: images})
    predictions = np.argmax(prob, axis=1)
    num_correct_predictions += np.sum(predictions == labels)

return int(num_correct_predictions) / num_samples

```

```
[23]: auto_quant = AutoQuant(allowed_accuracy_drop=0.1,
                           unlabeled_dataset=unlabeled_dataset,
                           eval_callback=eval_callback)
```

```
[24]: ADAROUND_DATASET_SIZE = 2000
adaround_dataset = _create_sampled_dataset(image_dataset, ADAROUND_DATASET_SIZE)
adaround_params = AdaroundParameters(adaround_dataset,
                                     num_batches=ADAROUND_DATASET_SIZE // ↵
                                     ↵BATCH_SIZE)
auto_quant.set_adaround_params(adaround_params)
```

```
[25]: output_op_name
```

```
[25]: 'dense/Softmax'
```

```
[ ]:
```

```
[26]: sess, accuracy, encoding_path = \
      auto_quant.apply(tf.compat.v1.keras.backend.get_session(),
                      starting_op_names=[input_op_name],
                      output_op_names=[output_op_name])
```

2023-12-14 06:39:08,249 - AutoQuant - INFO - Starting AutoQuant

2023-12-14 06:39:09.063065: I tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 06:39:09.063788: I tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 06:39:09.063919: I tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 06:39:09.064268: I

```

tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:09.064430: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:09.064543: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
/tmp/ipykernel_587/497299650.py:19: DeprecationWarning: elementwise comparison
failed; this will raise an error in the future.
    num_correct_predictions += np.sum(predictions == labels)

2023-12-14 06:39:12,888 - AutoQuant - INFO - Target eval score: -0.100000
2023-12-14 06:39:12,890 - AutoQuant - INFO - FP32 eval score (W32A32): 0.000000

| Weight Quantization Sensitivity2023-12-14 06:39:14.138167: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:14.138319: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:14.138393: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:14.138492: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:14.138552: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:39:14.138605: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
/ Weight Quantization Sensitivity

INFO:tensorflow:Restoring parameters from
/tmp/tf_session_copy_2023-12-14_06:39:12.892906/temp

```


2023-12-14 06:39:14,790 - tensorflow - INFO - Restoring parameters from /tmp/tf_session_copy_2023-12-14_06:39:12.892906/temp

2023-12-14 06:39:17,107 - Quant - INFO - No config file provided, defaulting to config file at /usr/local/lib/python3.8/dist-packages/aimet_common/quantsim_config/default_config.json

2023-12-14 06:39:17,126 - Quant - INFO - Adding weight quantization op conv1_conv/Conv2D/ReadVariableOp_quantized

2023-12-14 06:39:17,374 - Quant - INFO - Adding weight quantization op conv1_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:17.384612: W tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/Conv2D' id:27 op device:{requested: '', assigned: ''} def:{{{node conv1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv1_pad/Pad, conv1_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:17,623 - Quant - INFO - Adding weight quantization op conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:17.634317: W tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/BiasAdd' id:29 op device:{requested: '', assigned: ''} def:{{{node conv1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv1_conv/Conv2D, conv1_conv/BiasAdd/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:17,870 - Quant - INFO - Adding weight quantization op conv2_block1_0_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:17.881527: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_conv/Conv2D' id:177 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](pool1_pool/MaxPool, conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:18,121 - Quant - INFO - Adding weight quantization op conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:18.132292: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_conv/BiasAdd' id:179 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block1_0_conv/Conv2D, conv2_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:18,371 - Quant - INFO - Adding weight quantization op conv3_block1_0_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:18.383079: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_conv/Conv2D' id:669 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv2_block3_out/Relu, conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:18,630 - Quant - INFO - Adding weight quantization op conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:18.645702: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_conv/BiasAdd' id:671 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block1_0_conv/Conv2D, conv3_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:18,902 - Quant - INFO - Adding weight quantization op conv4_block1_0_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:18.915204: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_conv/Conv2D' id:1311 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu,

conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:19,172 - Quant - INFO - Adding weight quantization op conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:19.184142: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_conv/BiasAdd' id:1313 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_0_conv/Conv2D, conv4_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:19,431 - Quant - INFO - Adding weight quantization op conv5_block1_0_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:19.442877: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_conv/Conv2D' id:2317 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv4_block6_out/Relu, conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:19,716 - Quant - INFO - Adding weight quantization op dense/MatMul/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:19.727876: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_conv/BiasAdd' id:2319 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block1_0_conv/Conv2D, conv5_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:19,985 - Quant - INFO - Adding weight quantization op dense/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:19.997491: W tensorflow/c/c_api.cc:349] Operation '{name:'dense/MatMul' id:2751 op device:{requested: '', assigned: ''} def:{{{node dense/MatMul}}} = MatMul[T=DT_FLOAT, transpose_a=false,

transpose_b=false](global_average_pooling2d/Mean, dense/MatMul/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:20,245 - Quant - INFO - Adding weight quantization op conv5_block3_1_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:20.257220: W tensorflow/c/c_api.cc:349] Operation '{name:'dense/BiasAdd' id:2753 op device:{requested: '', assigned: ''} def:{{{node dense/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](dense/MatMul, dense/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:20,505 - Quant - INFO - Adding weight quantization op conv5_block3_1_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:20.516110: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_conv/Conv2D' id:2591 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_out/Relu, conv5_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:20,765 - Quant - INFO - Adding weight quantization op conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:20.776110: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_conv/BiasAdd' id:2593 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block3_1_conv/Conv2D, conv5_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:21,021 - Quant - INFO - Adding weight quantization op conv5_block3_2_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:21.032842: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/Conv2D' id:2640 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_1_relu/Relu, conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:21,297 - Quant - INFO - Adding weight quantization op conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:21.308795: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/BiasAdd' id:2642 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block3_2_conv/Conv2D, conv5_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:21,568 - Quant - INFO - Adding weight quantization op conv5_block3_3_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:21.579523: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/Conv2D' id:2691 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_2_relu/Relu, conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:21,822 - Quant - INFO - Adding weight quantization op conv5_block2_1_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:21.832760: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/BiasAdd' id:2693 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block3_3_conv/Conv2D, conv5_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:22,080 - Quant - INFO - Adding weight quantization op conv5_block2_1_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:22.091756: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_conv/Conv2D' id:2433

op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block1_out/Relu, conv5_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:22,344 - Quant - INFO - Adding weight quantization op conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:22.355738: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_conv/BiasAdd' id:2435 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block2_1_conv/Conv2D, conv5_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:22,600 - Quant - INFO - Adding weight quantization op conv5_block2_2_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:22.610389: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/Conv2D' id:2482 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_1_relu/Relu, conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:22,856 - Quant - INFO - Adding weight quantization op conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:22.867956: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/BiasAdd' id:2484 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block2_2_conv/Conv2D, conv5_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:23,115 - Quant - INFO - Adding weight quantization op conv5_block2_3_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:23.126671: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/Conv2D' id:2533
op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block2_2_relu/Relu,
conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:23,376 - Quant - INFO - Adding weight quantization op
conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:23.387454: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/BiasAdd'
id:2535 op device:{requested: '', assigned: ''} def:{{{node
conv5_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv5_block2_3_conv/Conv2D,
conv5_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:23,632 - Quant - INFO - Adding weight quantization op
conv5_block1_1_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:23.643416: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/Conv2D' id:2217
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv4_block6_out/Relu,
conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:23,895 - Quant - INFO - Adding weight quantization op
conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:23.906726: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/BiasAdd'
id:2219 op device:{requested: '', assigned: ''} def:{{{node
conv5_block1_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv5_block1_1_conv/Conv2D,
conv5_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:24,171 - Quant - INFO - Adding weight quantization op conv5_block1_2_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:24.182241: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/Conv2D' id:2266 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block1_1_relu/Relu, conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:24,453 - Quant - INFO - Adding weight quantization op conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:24.463927: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/BiasAdd' id:2268 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block1_2_conv/Conv2D, conv5_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:24,727 - Quant - INFO - Adding weight quantization op conv5_block1_3_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:24.738778: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/Conv2D' id:2342 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block1_2_relu/Relu, conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:25,012 - Quant - INFO - Adding weight quantization op conv4_block6_1_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:25.022807: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/BiasAdd' id:2344 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block1_3_conv/Conv2D, conv5_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:25,309 - Quant - INFO - Adding weight quantization op conv4_block6_1_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:25.320679: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_conv/Conv2D' id:2059 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_out/Relu, conv4_block6_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:25,604 - Quant - INFO - Adding weight quantization op conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:25.615081: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_conv/BiasAdd' id:2061 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block6_1_conv/Conv2D, conv4_block6_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:25,873 - Quant - INFO - Adding weight quantization op conv4_block6_2_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:25.883454: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/Conv2D' id:2108 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_1_relu/Relu, conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:26,140 - Quant - INFO - Adding weight quantization op conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:26.150783: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/BiasAdd' id:2110 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block6_2_conv/Conv2D,

conv4_block6_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:26,406 - Quant - INFO - Adding weight quantization op conv4_block6_3_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:26.417177: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/Conv2D' id:2159 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_2_relu/Relu, conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:26,678 - Quant - INFO - Adding weight quantization op conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:26.689460: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/BiasAdd' id:2161 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block6_3_conv/Conv2D, conv4_block6_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:26,972 - Quant - INFO - Adding weight quantization op conv4_block5_1_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:26.983137: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/Conv2D' id:1901 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_out/Relu, conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:27,266 - Quant - INFO - Adding weight quantization op conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:27.277418: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/BiasAdd' id:1903 op device:{requested: '', assigned: ''} def:{{{node

conv4_block5_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block5_1_conv/Conv2D, conv4_block5_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:27,535 - Quant - INFO - Adding weight quantization op conv4_block5_2_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:27.546370: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/Conv2D' id:1950 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_1_relu/Relu, conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:27,806 - Quant - INFO - Adding weight quantization op conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:27.817196: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/BiasAdd' id:1952 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block5_2_conv/Conv2D, conv4_block5_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:28,078 - Quant - INFO - Adding weight quantization op conv4_block5_3_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:28.089271: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/Conv2D' id:2001 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_2_relu/Relu, conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:28,351 - Quant - INFO - Adding weight quantization op conv4_block4_1_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:28.362051: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/BiasAdd'
id:2003 op device:{requested: '', assigned: ''} def:{{{node
conv4_block5_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block5_3_conv/Conv2D,
conv4_block5_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:28,628 - Quant - INFO - Adding weight quantization op
conv4_block4_1_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:28.639205: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_conv/Conv2D' id:1743
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block3_out/Relu,
conv4_block4_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:28,927 - Quant - INFO - Adding weight quantization op
conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:28.938061: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_conv/BiasAdd'
id:1745 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block4_1_conv/Conv2D,
conv4_block4_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:29,221 - Quant - INFO - Adding weight quantization op
conv4_block4_2_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:29.232298: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/Conv2D' id:1792
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block4_1_relu/Relu,
conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:29,493 - Quant - INFO - Adding weight quantization op conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:29.504079: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/BiasAdd' id:1794 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block4_2_conv/Conv2D, conv4_block4_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:29,768 - Quant - INFO - Adding weight quantization op conv4_block4_3_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:29.780373: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/Conv2D' id:1843 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_2_relu/Relu, conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:30,079 - Quant - INFO - Adding weight quantization op conv4_block3_1_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:30.091297: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/BiasAdd' id:1845 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block4_3_conv/Conv2D, conv4_block4_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:30,371 - Quant - INFO - Adding weight quantization op conv4_block3_1_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:30.381799: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_conv/Conv2D' id:1585 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_out/Relu, conv4_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:30,658 - Quant - INFO - Adding weight quantization op conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:30.669404: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_conv/BiasAdd' id:1587 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block3_1_conv/Conv2D, conv4_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:30,968 - Quant - INFO - Adding weight quantization op conv4_block3_2_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:30.980226: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/Conv2D' id:1634 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_1_relu/Relu, conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:31,265 - Quant - INFO - Adding weight quantization op conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:31.275944: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/BiasAdd' id:1636 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block3_2_conv/Conv2D, conv4_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:31,543 - Quant - INFO - Adding weight quantization op conv4_block3_3_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:31.554565: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/Conv2D' id:1685 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_2_relu/Relu,

conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:31,836 - Quant - INFO - Adding weight quantization op conv4_block2_1_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:31.846998: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/BiasAdd' id:1687 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block3_3_conv/Conv2D, conv4_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:32,121 - Quant - INFO - Adding weight quantization op conv4_block2_1_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:32.131774: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_conv/Conv2D' id:1427 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_out/Relu, conv4_block2_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:32,408 - Quant - INFO - Adding weight quantization op conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:32.419722: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_conv/BiasAdd' id:1429 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_1_conv/Conv2D, conv4_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:32,692 - Quant - INFO - Adding weight quantization op conv4_block2_2_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:32.702407: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/Conv2D' id:1476 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_1_relu/Relu, conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:32,971 - Quant - INFO - Adding weight quantization op conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:32.982130: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/BiasAdd' id:1478 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_2_conv/Conv2D, conv4_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:33,251 - Quant - INFO - Adding weight quantization op conv4_block2_3_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:33.262586: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/Conv2D' id:1527 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_2_relu/Relu, conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:33,531 - Quant - INFO - Adding weight quantization op conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:33.542839: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/BiasAdd' id:1529 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_3_conv/Conv2D, conv4_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:33,815 - Quant - INFO - Adding weight quantization op conv4_block1_1_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:33.826269: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/Conv2D' id:1211

op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu, conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:34,095 - Quant - INFO - Adding weight quantization op conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:34.106780: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/BiasAdd' id:1213 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_1_conv/Conv2D, conv4_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:34,380 - Quant - INFO - Adding weight quantization op conv4_block1_2_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:34.390401: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/Conv2D' id:1260 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_1_relu/Relu, conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:34,664 - Quant - INFO - Adding weight quantization op conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:34.676103: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/BiasAdd' id:1262 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_2_conv/Conv2D, conv4_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:34,953 - Quant - INFO - Adding weight quantization op conv4_block1_3_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:34.964697: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/Conv2D' id:1336
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block1_2_relu/Relu,
conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:35,271 - Quant - INFO - Adding weight quantization op
conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:35.282382: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/BiasAdd'
id:1338 op device:{requested: '', assigned: ''} def:{{{node
conv4_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block1_3_conv/Conv2D,
conv4_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:35,557 - Quant - INFO - Adding weight quantization op
conv3_block4_1_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:35.567652: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/Conv2D' id:1063
op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block3_out/Relu,
conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:35,847 - Quant - INFO - Adding weight quantization op
conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:35.858564: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/BiasAdd'
id:1065 op device:{requested: '', assigned: ''} def:{{{node
conv3_block4_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block4_1_conv/Conv2D,
conv3_block4_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:36,139 - Quant - INFO - Adding weight quantization op conv3_block4_2_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:36.150154: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/Conv2D' id:1112 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_1_relu/Relu, conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:36,435 - Quant - INFO - Adding weight quantization op conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:36.444910: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/BiasAdd' id:1114 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block4_2_conv/Conv2D, conv3_block4_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:36,720 - Quant - INFO - Adding weight quantization op conv3_block4_3_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:36.730229: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/Conv2D' id:1161 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_2_relu/Relu, conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:37,008 - Quant - INFO - Adding weight quantization op conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:37.025199: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/BiasAdd' id:1163 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block4_3_conv/Conv2D, conv3_block4_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:37,308 - Quant - INFO - Adding weight quantization op conv3_block3_1_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:37.319469: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/Conv2D' id:915 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_out/Relu, conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:37,599 - Quant - INFO - Adding weight quantization op conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:37.609916: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/BiasAdd' id:917 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block3_1_conv/Conv2D, conv3_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:37,894 - Quant - INFO - Adding weight quantization op conv3_block3_2_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:37.911682: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/Conv2D' id:964 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_1_relu/Relu, conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:38,195 - Quant - INFO - Adding weight quantization op conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:38.205690: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/BiasAdd' id:966 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block3_2_conv/Conv2D,

conv3_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:38,488 - Quant - INFO - Adding weight quantization op conv3_block3_3_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:38.499082: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/Conv2D' id:1013 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_2_relu/Relu, conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:38,791 - Quant - INFO - Adding weight quantization op conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:38.802041: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/BiasAdd' id:1015 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block3_3_conv/Conv2D, conv3_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:39,084 - Quant - INFO - Adding weight quantization op conv3_block2_1_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:39.094746: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/Conv2D' id:767 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_out/Relu, conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:39,391 - Quant - INFO - Adding weight quantization op conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:39.402141: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/BiasAdd' id:769 op device:{requested: '', assigned: ''} def:{{{node

conv3_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block2_1_conv/Conv2D, conv3_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:39,687 - Quant - INFO - Adding weight quantization op conv3_block2_2_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:39.697797: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/Conv2D' id:816 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_1_relu/Relu, conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:39,982 - Quant - INFO - Adding weight quantization op conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:40.000804: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/BiasAdd' id:818 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block2_2_conv/Conv2D, conv3_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:40,292 - Quant - INFO - Adding weight quantization op conv3_block2_3_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:40.303163: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/Conv2D' id:865 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_2_relu/Relu, conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:40,590 - Quant - INFO - Adding weight quantization op conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:40.600867: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/BiasAdd' id:867
op device:{requested: '', assigned: ''} def:{{{node
conv3_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block2_3_conv/Conv2D,
conv3_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:40,890 - Quant - INFO - Adding weight quantization op
conv3_block1_1_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:40.900811: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/Conv2D' id:571
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv2_block3_out/Relu,
conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:41,194 - Quant - INFO - Adding weight quantization op
conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:41.205215: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/BiasAdd' id:573
op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block1_1_conv/Conv2D,
conv3_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:41,510 - Quant - INFO - Adding weight quantization op
conv3_block1_2_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:41.520325: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/Conv2D' id:620
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block1_1_relu/Relu,
conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:41,806 - Quant - INFO - Adding weight quantization op
conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:41.816426: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/BiasAdd' id:622
op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block1_2_conv/Conv2D,
conv3_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:42,104 - Quant - INFO - Adding weight quantization op
conv3_block1_3_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:42.114978: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/Conv2D' id:692
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block1_2_relu/Relu,
conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:42,412 - Quant - INFO - Adding weight quantization op
conv2_block3_1_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:42.423394: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/BiasAdd' id:694
op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block1_3_conv/Conv2D,
conv3_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:42,712 - Quant - INFO - Adding weight quantization op
conv2_block3_1_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:42.725202: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_conv/Conv2D' id:423
op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block2_out/Relu,
conv2_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:43,018 - Quant - INFO - Adding weight quantization op conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:43.029771: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_conv/BiasAdd' id:425 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block3_1_conv/Conv2D, conv2_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:43,321 - Quant - INFO - Adding weight quantization op conv2_block3_2_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:43.331836: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/Conv2D' id:472 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_1_relu/Relu, conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:43,625 - Quant - INFO - Adding weight quantization op conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:43.634977: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/BiasAdd' id:474 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block3_2_conv/Conv2D, conv2_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:43,926 - Quant - INFO - Adding weight quantization op conv2_block3_3_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:43.937032: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/Conv2D' id:521 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_2_relu/Relu,

conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:44,238 - Quant - INFO - Adding weight quantization op conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:44.249729: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/BiasAdd' id:523 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block3_3_conv/Conv2D, conv2_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:44,544 - Quant - INFO - Adding weight quantization op conv2_block2_1_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:44.554996: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_conv/Conv2D' id:275 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_out/Relu, conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:44,847 - Quant - INFO - Adding weight quantization op conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:44.857634: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_conv/BiasAdd' id:277 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block2_1_conv/Conv2D, conv2_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:45,150 - Quant - INFO - Adding weight quantization op conv2_block2_2_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:45.162131: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/Conv2D' id:324 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_1_relu/Relu, conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:45,458 - Quant - INFO - Adding weight quantization op conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:45.469669: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/BiasAdd' id:326 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block2_2_conv/Conv2D, conv2_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:45,765 - Quant - INFO - Adding weight quantization op conv2_block2_3_conv/BiasAdd/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:45.775640: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/Conv2D' id:373 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_2_relu/Relu, conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:46,070 - Quant - INFO - Adding weight quantization op conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:46.081420: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/BiasAdd' id:375 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block2_3_conv/Conv2D, conv2_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:46,379 - Quant - INFO - Adding weight quantization op conv2_block1_1_conv/BiasAdd/ReadVariableOp_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:46.390079: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/Conv2D' id:79

op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](pool1_pool/MaxPool, conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:46,690 - Quant - INFO - Adding weight quantization op conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:46.707918: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/BiasAdd' id:81 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block1_1_conv/Conv2D, conv2_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:47,008 - Quant - INFO - Adding weight quantization op conv2_block1_2_conv/BiasAdd/ReadVariableOp_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:47.019204: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/Conv2D' id:128 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_1_relu/Relu, conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:47,327 - Quant - INFO - Adding weight quantization op conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:47.337523: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/BiasAdd' id:130 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block1_2_conv/Conv2D, conv2_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:47,640 - Quant - INFO - Adding weight quantization op conv2_block1_3_conv/BiasAdd/ReadVariableOp_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:47.650956: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/Conv2D' id:200
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block1_2_relu/Relu,
conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:47,950 - Quant - INFO - Adding activation quantization op
input_1_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:47.960790: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/BiasAdd' id:202
op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv2_block1_3_conv/Conv2D,
conv2_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:48,262 - Quant - INFO - Adding activation quantization op
conv1_pad/Pad_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:48.273035: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_pad/Pad' id:6 op
device:{requested: '', assigned: ''} def:{{{node conv1_pad/Pad}}} =
Pad[T=DT_FLOAT, Tpadding=DT_INT32](input_1_quantized:0,
conv1_pad/Pad/paddings)}}}' was changed by updating input tensor after it was run
by a session. This mutation will have no effect, and will trigger an error in
the future. Either don't modify nodes after running them or create a new
session.

2023-12-14 06:39:48,583 - Quant - INFO - Adding activation quantization op
conv1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:48.594994: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/Conv2D' id:27 op
device:{requested: '', assigned: ''} def:{{{node conv1_conv/Conv2D}}} =
Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv1_pad/Pad_quantized:0,
conv1_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:39:48,903 - Quant - INFO - Adding activation quantization op

conv1_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:48.913999: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_bn/FusedBatchNormV3' id:54 op
device:{requested: '', assigned: ''} def:{{{node conv1_bn/FusedBatchNormV3}}} =
FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05,
exponential_avg_factor=1, is_training=false](conv1_conv/BiasAdd_quantized:0,
conv1_bn/ReadVariableOp, conv1_bn/ReadVariableOp_1,
conv1_bn/FusedBatchNormV3/ReadVariableOp,
conv1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:39:49,223 - Quant - INFO - Adding activation quantization op
conv1_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:49.235554: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_relu/Relu' id:55 op
device:{requested: '', assigned: ''} def:{{{node conv1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv1_bn/FusedBatchNormV3_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:49,540 - Quant - INFO - Adding activation quantization op
pool1_pad/Pad_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:49.550759: W
tensorflow/c/c_api.cc:349] Operation '{name:'pool1_pad/Pad' id:57 op
device:{requested: '', assigned: ''} def:{{{node pool1_pad/Pad}}} =
Pad[T=DT_FLOAT, Tpadding=DT_INT32](conv1_relu/Relu_quantized:0,
pool1_pad/Pad/paddings))}' was changed by updating input tensor after it was run
by a session. This mutation will have no effect, and will trigger an error in
the future. Either don't modify nodes after running them or create a new
session.

2023-12-14 06:39:49,854 - Quant - INFO - Adding activation quantization op
pool1_pool/MaxPool_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:49.865075: W
tensorflow/c/c_api.cc:349] Operation '{name:'pool1_pool/MaxPool' id:58 op
device:{requested: '', assigned: ''} def:{{{node pool1_pool/MaxPool}}} =
MaxPool[T=DT_FLOAT, data_format="NHWC", explicit_paddings=[], ksize=[1, 3, 3,
1], padding="VALID", strides=[1, 2, 2, 1]](pool1_pad/Pad_quantized:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.

2023-12-14 06:39:50,168 - Quant - INFO - Adding activation quantization op
conv2_block1_0_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:50.178222: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_conv/Conv2D' id:177
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](pool1_pool/MaxPool_quantized:0,
conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:39:50,486 - Quant - INFO - Adding activation quantization op
conv2_block1_0_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:50.496587: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_bn/FusedBatchNormV3'
id:227 op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_0_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block1_0_conv/BiasAdd_quantized:0,
conv2_block1_0_bn/ReadVariableOp, conv2_block1_0_bn/ReadVariableOp_1,
conv2_block1_0_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:39:50,800 - Quant - INFO - Adding activation quantization op
conv2_block1_add/add_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:50.813123: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_add/add' id:253 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_add/add}} =
AddV2[T=DT_FLOAT](conv2_block1_0_bn/FusedBatchNormV3_quantized:0,
conv2_block1_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:39:51,127 - Quant - INFO - Adding activation quantization op
conv2_block1_out/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:51.137672: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_out/Relu' id:254 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_out/Relu}} =
Relu[T=DT_FLOAT](conv2_block1_add/add_quantized:0)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:39:51,449 - Quant - INFO - Adding activation quantization op

conv2_block2_add/add_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:51.460435: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_add/add' id:401 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block1_out/Relu_quantized:0,
conv2_block2_3_bn/FusedBatchNormV3)}}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:39:51,770 - Quant - INFO - Adding activation quantization op
conv2_block2_out/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:51.781057: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_out/Relu' id:402 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block2_add/add_quantized:0)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:39:52,093 - Quant - INFO - Adding activation quantization op
conv2_block3_add/add_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:52.105551: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_add/add' id:549 op
device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block2_out/Relu_quantized:0,
conv2_block3_3_bn/FusedBatchNormV3)}}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:39:52,423 - Quant - INFO - Adding activation quantization op
conv2_block3_out/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:52.433458: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_out/Relu' id:550 op
device:{requested: '', assigned: ''} def:{{{node conv2_block3_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block3_add/add_quantized:0)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:39:52,744 - Quant - INFO - Adding activation quantization op
conv3_block1_0_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:52.754840: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_conv/Conv2D' id:669
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block3_out/Relu_quantized:0, conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:53,066 - Quant - INFO - Adding activation quantization op conv3_block1_0_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:53.076752: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_bn/FusedBatchNormV3' id:719 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block1_0_conv/BiasAdd_quantized:0, conv3_block1_0_bn/ReadVariableOp, conv3_block1_0_bn/ReadVariableOp_1, conv3_block1_0_bn/FusedBatchNormV3/ReadVariableOp, conv3_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:53,390 - Quant - INFO - Adding activation quantization op conv3_block1_add/add_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:53.400982: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:745 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}} = AddV2[T=DT_FLOAT](conv3_block1_0_bn/FusedBatchNormV3_quantized:0, conv3_block1_3_bn/FusedBatchNormV3)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:53,713 - Quant - INFO - Adding activation quantization op conv3_block1_out/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:53.723963: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_out/Relu' id:746 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_out/Relu}} = Relu[T=DT_FLOAT](conv3_block1_add/add_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:54,040 - Quant - INFO - Adding activation quantization op conv3_block2_add/add_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:54.050772: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_add/add' id:893 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_add/add}} =

AddV2[T=DT_FLOAT](conv3_block1_out/Relu_quantized:0, conv3_block2_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:54,373 - Quant - INFO - Adding activation quantization op conv3_block2_out/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:54.385937: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_out/Relu' id:894 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv3_block2_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:54,704 - Quant - INFO - Adding activation quantization op conv3_block3_add/add_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:54.714361: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_add/add' id:1041 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_add/add}}} = AddV2[T=DT_FLOAT](conv3_block2_out/Relu_quantized:0, conv3_block3_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:55,030 - Quant - INFO - Adding activation quantization op conv3_block3_out/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:55.041195: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_out/Relu' id:1042 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv3_block3_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:55,360 - Quant - INFO - Adding activation quantization op conv3_block4_add/add_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:55.370302: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_add/add' id:1189 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_add/add}}} = AddV2[T=DT_FLOAT](conv3_block3_out/Relu_quantized:0, conv3_block4_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:55,686 - Quant - INFO - Adding activation quantization op conv3_block4_out/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:55.696758: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_out/Relu' id:1190 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_out/Relu}}} = Relu[T=DT_FLOAT](conv3_block4_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:56,020 - Quant - INFO - Adding activation quantization op conv4_block1_0_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:56.031186: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_conv/Conv2D' id:1311 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu_quantized:0, conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:56,352 - Quant - INFO - Adding activation quantization op conv4_block1_0_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:56.362724: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_bn/FusedBatchNormV3' id:1371 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block1_0_conv/BiasAdd_quantized:0, conv4_block1_0_bn/ReadVariableOp, conv4_block1_0_bn/ReadVariableOp_1, conv4_block1_0_bn/FusedBatchNormV3/ReadVariableOp, conv4_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:56,686 - Quant - INFO - Adding activation quantization op conv4_block1_add/add_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:56.696089: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1405 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_0_bn/FusedBatchNormV3_quantized:0, conv4_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or

create a new session.

2023-12-14 06:39:57,020 - Quant - INFO - Adding activation quantization op conv4_block1_out/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:57.030176: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_out/Relu' id:1406 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:57,356 - Quant - INFO - Adding activation quantization op conv4_block2_add/add_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:57.366030: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1563 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu_quantized:0, conv4_block2_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:57,688 - Quant - INFO - Adding activation quantization op conv4_block2_out/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:57.699300: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_out/Relu' id:1564 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block2_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:58,019 - Quant - INFO - Adding activation quantization op conv4_block3_add/add_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:58.029358: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_add/add' id:1721 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_add/add}}} = AddV2[T=DT_FLOAT](conv4_block2_out/Relu_quantized:0, conv4_block3_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:58,352 - Quant - INFO - Adding activation quantization op conv4_block3_out/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:58.362134: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_out/Relu' id:1722 op

device:{requested: '', assigned: ''} def:{{{node conv4_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block3_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:58,690 - Quant - INFO - Adding activation quantization op conv4_block4_add/add_quantized

| Weight Quantization Sensitivity2023-12-14 06:39:58.700669: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_add/add' id:1879 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_add/add}}} = AddV2[T=DT_FLOAT](conv4_block3_out/Relu_quantized:0, conv4_block4_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:59,024 - Quant - INFO - Adding activation quantization op conv4_block4_out/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:39:59.035842: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_out/Relu' id:1880 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block4_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:59,364 - Quant - INFO - Adding activation quantization op conv4_block5_add/add_quantized

- Weight Quantization Sensitivity2023-12-14 06:39:59.494859: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_add/add' id:2037 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_add/add}}} = AddV2[T=DT_FLOAT](conv4_block4_out/Relu_quantized:0, conv4_block5_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:39:59,825 - Quant - INFO - Adding activation quantization op conv4_block5_out/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:39:59.837571: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_out/Relu' id:2038 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block5_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:00,168 - Quant - INFO - Adding activation quantization op conv4_block6_add/add_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:00.178773: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_add/add' id:2195 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_add/add}} = AddV2[T=DT_FLOAT](conv4_block5_out/Relu_quantized:0, conv4_block6_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:00,528 - Quant - INFO - Adding activation quantization op conv4_block6_out/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:00.544786: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_out/Relu' id:2196 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_out/Relu}} = Relu[T=DT_FLOAT](conv4_block6_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:00,871 - Quant - INFO - Adding activation quantization op conv5_block1_0_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:00.881571: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_conv/Conv2D' id:2317 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv4_block6_out/Relu_quantized:0, conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:01,212 - Quant - INFO - Adding activation quantization op conv5_block1_0_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:01.222260: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_bn/FusedBatchNormV3' id:2377 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block1_0_conv/BiasAdd_quantized:0, conv5_block1_0_bn/ReadVariableOp, conv5_block1_0_bn/ReadVariableOp_1, conv5_block1_0_bn/FusedBatchNormV3/ReadVariableOp, conv5_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running

them or create a new session.

2023-12-14 06:40:01,552 - Quant - INFO - Adding activation quantization op conv5_block1_add/add_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:01.562945: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_add/add' id:2411 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_0_bn/FusedBatchNormV3_quantized:0, conv5_block1_3_bn/FusedBatchNormV3)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:01,898 - Quant - INFO - Adding activation quantization op conv5_block1_out/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:01.917122: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_out/Relu' id:2412 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block1_add/add_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:02,252 - Quant - INFO - Adding activation quantization op conv5_block2_add/add_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:02.262500: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_add/add' id:2569 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_out/Relu_quantized:0, conv5_block2_3_bn/FusedBatchNormV3)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:02,597 - Quant - INFO - Adding activation quantization op conv5_block2_out/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:02.607964: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_out/Relu' id:2570 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_add/add_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:02,939 - Quant - INFO - Adding activation quantization op conv5_block3_add/add_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:02.950011: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2727 op

device:{requested: '', assigned: ''} def:{{{node conv5_block3_add/add}}} = AddV2[T=DT_FLOAT](conv5_block2_out/Relu_quantized:0, conv5_block3_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:03,283 - Quant - INFO - Adding activation quantization op conv5_block3_out/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:03.293968: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_out/Relu' id:2728 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block3_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:03,627 - Quant - INFO - Adding activation quantization op global_average_pooling2d/Mean_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:03.638912: W tensorflow/c/c_api.cc:349] Operation '{name:'global_average_pooling2d/Mean' id:2730 op device:{requested: '', assigned: ''} def:{{{node global_average_pooling2d/Mean}}} = Mean[T=DT_FLOAT, Tidx=DT_INT32, keep_dims=false](conv5_block3_out/Relu_quantized:0, global_average_pooling2d/Mean/reduction_indices)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:03,977 - Quant - INFO - Adding activation quantization op dense/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:03.988302: W tensorflow/c/c_api.cc:349] Operation '{name:'dense/MatMul' id:2751 op device:{requested: '', assigned: ''} def:{{{node dense/MatMul}}} = MatMul[T=DT_FLOAT, transpose_a=false, transpose_b=false](global_average_pooling2d/Mean_quantized:0, dense/MatMul/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:04,327 - Quant - INFO - Adding activation quantization op dense/Softmax_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:04.337622: W tensorflow/c/c_api.cc:349] Operation '{name:'loss/dense_loss/softmax_cross_entropy_with_logits/Shape_1' id:4070 op device:{requested: '', assigned: ''} def:{{{node loss/dense_loss/softmax_cross_entropy_with_logits/Shape_1}}} = Shape[T=DT_FLOAT,

out_type=DT_INT32](dense/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:04,676 - Quant - INFO - Adding activation quantization op conv5_block3_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:04.686639: W
tensorflow/c/c_api.cc:349] Operation '{name:'metrics/accuracy/ArgMax_1' id:4051 op device:{requested: '', assigned: ''} def:{{{node metrics/accuracy/ArgMax_1}} = ArgMax[T=DT_FLOAT, Tidx=DT_INT32, output_type=DT_INT64](dense/Softmax_quantized:0, metrics/accuracy/ArgMax_1/dimension)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:05,023 - Quant - INFO - Adding activation quantization op conv5_block3_1_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:05.034496: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_bn/FusedBatchNormV3' id:2618 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block3_1_conv/BiasAdd_quantized:0, conv5_block3_1_bn/ReadVariableOp, conv5_block3_1_bn/ReadVariableOp_1, conv5_block3_1_bn/FusedBatchNormV3/ReadVariableOp, conv5_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:05,373 - Quant - INFO - Adding activation quantization op conv5_block3_1_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:05.385062: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_relu/Relu' id:2619 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_relu/Relu}} = Relu[T=DT_FLOAT](conv5_block3_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:05,726 - Quant - INFO - Adding activation quantization op conv5_block3_2_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:05.737235: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/Conv2D' id:2640 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_1_relu/Relu_quantized:0, conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:06,079 - Quant - INFO - Adding activation quantization op conv5_block3_2_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:06.089767: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_bn/FusedBatchNormV3' id:2667 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block3_2_conv/BiasAdd_quantized:0, conv5_block3_2_bn/ReadVariableOp, conv5_block3_2_bn/ReadVariableOp_1, conv5_block3_2_bn/FusedBatchNormV3/ReadVariableOp, conv5_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:06,428 - Quant - INFO - Adding activation quantization op conv5_block3_2_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:06.439351: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_relu/Relu' id:2668 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_relu/Relu}} = Relu[T=DT_FLOAT](conv5_block3_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:06,781 - Quant - INFO - Adding activation quantization op conv5_block3_3_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:06.792086: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/Conv2D' id:2691 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_2_relu/Relu_quantized:0, conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:07,134 - Quant - INFO - Adding activation quantization op conv5_block3_3_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:07.145048: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_bn/FusedBatchNormV3'
id:2726 op device:{requested: '', assigned: ''} def:{{{node
conv5_block3_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block3_3_conv/BiasAdd_quantized:0,
conv5_block3_3_bn/ReadVariableOp, conv5_block3_3_bn/ReadVariableOp_1,
conv5_block3_3_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:07,491 - Quant - INFO - Adding activation quantization op
conv5_block2_1_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:07.501772: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2727 op
device:{requested: '', assigned: ''} def:{{{node conv5_block3_add/add}}} =
AddV2[T=DT_FLOAT](conv5_block2_out/Relu_quantized:0,
conv5_block3_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:07,843 - Quant - INFO - Adding activation quantization op
conv5_block2_1_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:07.854417: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_bn/FusedBatchNormV3'
id:2460 op device:{requested: '', assigned: ''} def:{{{node
conv5_block2_1_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block2_1_conv/BiasAdd_quantized:0,
conv5_block2_1_bn/ReadVariableOp, conv5_block2_1_bn/ReadVariableOp_1,
conv5_block2_1_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:08,200 - Quant - INFO - Adding activation quantization op
conv5_block2_1_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:08.211353: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_relu/Relu' id:2461
op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block2_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:08,554 - Quant - INFO - Adding activation quantization op conv5_block2_2_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:08.564775: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/Conv2D' id:2482 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_1_relu/Relu_quantized:0, conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:08,916 - Quant - INFO - Adding activation quantization op conv5_block2_2_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:08.926432: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_bn/FusedBatchNormV3' id:2509 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block2_2_conv/BiasAdd_quantized:0, conv5_block2_2_bn/ReadVariableOp, conv5_block2_2_bn/ReadVariableOp_1, conv5_block2_2_bn/FusedBatchNormV3/ReadVariableOp, conv5_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:09,272 - Quant - INFO - Adding activation quantization op conv5_block2_2_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:09.285203: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_relu/Relu' id:2510 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:09,635 - Quant - INFO - Adding activation quantization op conv5_block2_3_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:09.646080: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/Conv2D' id:2533 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_2_relu/Relu_quantized:0, conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by

updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:09,997 - Quant - INFO - Adding activation quantization op conv5_block2_3_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:10.008307: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_bn/FusedBatchNormV3' id:2568 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block2_3_conv/BiasAdd_quantized:0, conv5_block2_3_bn/ReadVariableOp, conv5_block2_3_bn/ReadVariableOp_1, conv5_block2_3_bn/FusedBatchNormV3/ReadVariableOp, conv5_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:10,359 - Quant - INFO - Adding activation quantization op conv5_block1_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:10.370394: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_add/add' id:2569 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_add/add}} = AddV2[T=DT_FLOAT](conv5_block1_out/Relu_quantized:0, conv5_block2_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:10,716 - Quant - INFO - Adding activation quantization op conv5_block1_1_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:10.727418: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_bn/FusedBatchNormV3' id:2244 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block1_1_conv/BiasAdd_quantized:0, conv5_block1_1_bn/ReadVariableOp, conv5_block1_1_bn/ReadVariableOp_1, conv5_block1_1_bn/FusedBatchNormV3/ReadVariableOp, conv5_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:11,075 - Quant - INFO - Adding activation quantization op conv5_block1_1_relu/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:11.085437: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_relu/Relu' id:2245
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block1_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:11,438 - Quant - INFO - Adding activation quantization op
conv5_block1_2_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:11.450006: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/Conv2D' id:2266
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_1_relu/Relu_quantized:0,
conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:11,804 - Quant - INFO - Adding activation quantization op
conv5_block1_2_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:11.819079: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_bn/FusedBatchNormV3'
id:2293 op device:{requested: '', assigned: ''} def:{{{node
conv5_block1_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block1_2_conv/BiasAdd_quantized:0,
conv5_block1_2_bn/ReadVariableOp, conv5_block1_2_bn/ReadVariableOp_1,
conv5_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:12,175 - Quant - INFO - Adding activation quantization op
conv5_block1_2_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:12.186247: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_relu/Relu' id:2294
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block1_2_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:12,550 - Quant - INFO - Adding activation quantization op
conv5_block1_3_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:12.561625: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/Conv2D' id:2342
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_2_relu/Relu_quantized:0,
conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:12,920 - Quant - INFO - Adding activation quantization op
conv5_block1_3_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:12.930856: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_bn/FusedBatchNormV3'
id:2410 op device:{requested: '', assigned: ''} def:{{{node
conv5_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block1_3_conv/BiasAdd_quantized:0,
conv5_block1_3_bn/ReadVariableOp, conv5_block1_3_bn/ReadVariableOp_1,
conv5_block1_3_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:13,296 - Quant - INFO - Adding activation quantization op
conv4_block6_1_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:13.306781: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_add/add' id:2411 op
device:{requested: '', assigned: ''} def:{{{node conv5_block1_add/add}} =
AddV2[T=DT_FLOAT](conv5_block1_0_bn/FusedBatchNormV3_quantized:0,
conv5_block1_3_bn/FusedBatchNormV3_quantized:0)}}}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:13,672 - Quant - INFO - Adding activation quantization op
conv4_block6_1_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:13.682674: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_bn/FusedBatchNormV3'
id:2086 op device:{requested: '', assigned: ''} def:{{{node
conv4_block6_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block6_1_conv/BiasAdd_quantized:0,
conv4_block6_1_bn/ReadVariableOp, conv4_block6_1_bn/ReadVariableOp_1,
conv4_block6_1_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block6_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating

input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:14,048 - Quant - INFO - Adding activation quantization op conv4_block6_1_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:14.058169: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_relu/Relu' id:2087 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block6_1_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:14,425 - Quant - INFO - Adding activation quantization op conv4_block6_2_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:14.435931: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/Conv2D' id:2108 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_1_relu/Relu_quantized:0, conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:14,796 - Quant - INFO - Adding activation quantization op conv4_block6_2_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:14.811020: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_bn/FusedBatchNormV3' id:2135 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block6_2_conv/BiasAdd_quantized:0, conv4_block6_2_bn/ReadVariableOp, conv4_block6_2_bn/ReadVariableOp_1, conv4_block6_2_bn/FusedBatchNormV3/ReadVariableOp, conv4_block6_2_bn/FusedBatchNormV3/ReadVariableOp_1)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:15,170 - Quant - INFO - Adding activation quantization op conv4_block6_2_relu/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:15.181015: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_relu/Relu' id:2136 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block6_2_bn/FusedBatchNormV3_quantized:0)}' was changed

by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:15,549 - Quant - INFO - Adding activation quantization op conv4_block6_3_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:15.559899: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/Conv2D' id:2159 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_2_relu/Relu_quantized:0, conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized:0)''' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:15,918 - Quant - INFO - Adding activation quantization op conv4_block6_3_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:15.928796: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_bn/FusedBatchNormV3' id:2194 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block6_3_conv/BiasAdd_quantized:0, conv4_block6_3_bn/ReadVariableOp, conv4_block6_3_bn/ReadVariableOp_1, conv4_block6_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block6_3_bn/FusedBatchNormV3/ReadVariableOp_1)''' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:16,293 - Quant - INFO - Adding activation quantization op conv4_block5_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:16.303686: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_add/add' id:2195 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_add/add}}} = AddV2[T=DT_FLOAT](conv4_block5_out/Relu_quantized:0, conv4_block6_3_bn/FusedBatchNormV3_quantized:0)''' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:16,668 - Quant - INFO - Adding activation quantization op conv4_block5_1_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:16.678499: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_bn/FusedBatchNormV3' id:1928 op device:{requested: '', assigned: ''} def:{{{node

conv4_block5_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block5_1_conv/BiasAdd_quantized:0, conv4_block5_1_bn/ReadVariableOp, conv4_block5_1_bn/ReadVariableOp_1, conv4_block5_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block5_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:17,052 - Quant - INFO - Adding activation quantization op conv4_block5_1_relu/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:17.062713: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_relu/Relu' id:1929 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block5_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:17,436 - Quant - INFO - Adding activation quantization op conv4_block5_2_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:17.447224: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/Conv2D' id:1950 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_1_relu/Relu_quantized:0, conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:17,825 - Quant - INFO - Adding activation quantization op conv4_block5_2_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:17.835360: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_bn/FusedBatchNormV3' id:1977 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block5_2_conv/BiasAdd_quantized:0, conv4_block5_2_bn/ReadVariableOp, conv4_block5_2_bn/ReadVariableOp_1, conv4_block5_2_bn/FusedBatchNormV3/ReadVariableOp, conv4_block5_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:18,204 - Quant - INFO - Adding activation quantization op conv4_block5_2_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:18.217214: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_relu/Relu' id:1978 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block5_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:18,619 - Quant - INFO - Adding activation quantization op conv4_block5_3_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:18.637748: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/Conv2D' id:2001 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_2_relu/Relu_quantized:0, conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:19,012 - Quant - INFO - Adding activation quantization op conv4_block5_3_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:19.023631: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_bn/FusedBatchNormV3' id:2036 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block5_3_conv/BiasAdd_quantized:0, conv4_block5_3_bn/ReadVariableOp, conv4_block5_3_bn/ReadVariableOp_1, conv4_block5_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block5_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:19,394 - Quant - INFO - Adding activation quantization op conv4_block4_1_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:19.412707: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_add/add' id:2037 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_add/add}} = AddV2[T=DT_FLOAT](conv4_block4_out/Relu_quantized:0, conv4_block5_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running

them or create a new session.

2023-12-14 06:40:19,778 - Quant - INFO - Adding activation quantization op conv4_block4_1_bn/FusedBatchNormV3_quantized

```
\ Weight Quantization Sensitivity2023-12-14 06:40:19.788657: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_bn/FusedBatchNormV3'
id:1770 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block4_1_conv/BiasAdd_quantized:0,
conv4_block4_1_bn/ReadVariableOp, conv4_block4_1_bn/ReadVariableOp_1,
conv4_block4_1_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block4_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 06:40:20,154 - Quant - INFO - Adding activation quantization op conv4_block4_1_relu/Relu_quantized

```
\ Weight Quantization Sensitivity2023-12-14 06:40:20.164727: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_relu/Relu' id:1771
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block4_1_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.
```

2023-12-14 06:40:20,532 - Quant - INFO - Adding activation quantization op conv4_block4_2_conv/BiasAdd_quantized

```
| Weight Quantization Sensitivity2023-12-14 06:40:20.545221: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/Conv2D' id:1792
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block4_1_relu/Relu_quantized:0,
conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 06:40:20,915 - Quant - INFO - Adding activation quantization op conv4_block4_2_bn/FusedBatchNormV3_quantized

```
/ Weight Quantization Sensitivity2023-12-14 06:40:20.926234: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_bn/FusedBatchNormV3'
id:1819 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block4_2_conv/BiasAdd_quantized:0,
```

conv4_block4_2_bn/ReadVariableOp, conv4_block4_2_bn/ReadVariableOp_1,
conv4_block4_2_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block4_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:21,294 - Quant - INFO - Adding activation quantization op
conv4_block4_2_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:21.304515: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_relu/Relu' id:1820
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block4_2_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:21,672 - Quant - INFO - Adding activation quantization op
conv4_block4_3_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:21.682631: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/Conv2D' id:1843
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/Conv2D}} =
Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block4_2_relu/Relu_quantized:0,
conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:22,050 - Quant - INFO - Adding activation quantization op
conv4_block4_3_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:22.060922: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_bn/FusedBatchNormV3'
id:1878 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block4_3_conv/BiasAdd_quantized:0,
conv4_block4_3_bn/ReadVariableOp, conv4_block4_3_bn/ReadVariableOp_1,
conv4_block4_3_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block4_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:22,438 - Quant - INFO - Adding activation quantization op
conv4_block3_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:22.449310: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_add/add' id:1879 op
device:{requested: '', assigned: ''} def:{{{node conv4_block4_add/add}} =
AddV2[T=DT_FLOAT](conv4_block3_out/Relu_quantized:0,
conv4_block4_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:22,827 - Quant - INFO - Adding activation quantization op
conv4_block3_1_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:22.837439: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_bn/FusedBatchNormV3'
id:1612 op device:{requested: '', assigned: ''} def:{{node
conv4_block3_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block3_1_conv/BiasAdd_quantized:0,
conv4_block3_1_bn/ReadVariableOp, conv4_block3_1_bn/ReadVariableOp_1,
conv4_block3_1_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:23,216 - Quant - INFO - Adding activation quantization op
conv4_block3_1_relu/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:23.227590: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_relu/Relu' id:1613
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block3_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:23,599 - Quant - INFO - Adding activation quantization op
conv4_block3_2_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:23.610100: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/Conv2D' id:1634
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block3_1_relu/Relu_quantized:0,
conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:23,984 - Quant - INFO - Adding activation quantization op

conv4_block3_2_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:23.995466: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_bn/FusedBatchNormV3'
id:1661 op device:{requested: '', assigned: ''} def:{{{node
conv4_block3_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block3_2_conv/BiasAdd_quantized:0,
conv4_block3_2_bn/ReadVariableOp, conv4_block3_2_bn/ReadVariableOp_1,
conv4_block3_2_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:24,371 - Quant - INFO - Adding activation quantization op
conv4_block3_2_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:24.381760: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_relu/Relu' id:1662
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block3_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:24,758 - Quant - INFO - Adding activation quantization op
conv4_block3_3_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:24.769641: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/Conv2D' id:1685
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block3_2_relu/Relu_quantized:0,
conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:25,144 - Quant - INFO - Adding activation quantization op
conv4_block3_3_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:25.155172: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_bn/FusedBatchNormV3'
id:1720 op device:{requested: '', assigned: ''} def:{{{node
conv4_block3_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block3_3_conv/BiasAdd_quantized:0,
conv4_block3_3_bn/ReadVariableOp, conv4_block3_3_bn/ReadVariableOp_1,
conv4_block3_3_bn/FusedBatchNormV3/ReadVariableOp,

conv4_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:25,532 - Quant - INFO - Adding activation quantization op conv4_block2_1_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:25.542913: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_add/add' id:1721 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_add/add}} = AddV2[T=DT_FLOAT](conv4_block2_out/Relu_quantized:0, conv4_block3_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:25,917 - Quant - INFO - Adding activation quantization op conv4_block2_1_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:25.928178: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_bn/FusedBatchNormV3' id:1454 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block2_1_conv/BiasAdd_quantized:0, conv4_block2_1_bn/ReadVariableOp, conv4_block2_1_bn/ReadVariableOp_1, conv4_block2_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:26,307 - Quant - INFO - Adding activation quantization op conv4_block2_1_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:26.317946: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_relu/Relu' id:1455 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block2_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:26,697 - Quant - INFO - Adding activation quantization op conv4_block2_2_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:26.708096: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/Conv2D' id:1476 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],

use_cudnn_on_gpu=true](conv4_block2_1_relu/Relu_quantized:0, conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:27,087 - Quant - INFO - Adding activation quantization op conv4_block2_2_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:27.098553: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_bn/FusedBatchNormV3' id:1503 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block2_2_conv/BiasAdd_quantized:0, conv4_block2_2_bn/ReadVariableOp, conv4_block2_2_bn/ReadVariableOp_1, conv4_block2_2_bn/FusedBatchNormV3/ReadVariableOp, conv4_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:27,484 - Quant - INFO - Adding activation quantization op conv4_block2_2_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:27.495260: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_relu/Relu' id:1504 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block2_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:27,876 - Quant - INFO - Adding activation quantization op conv4_block2_3_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:27.887058: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/Conv2D' id:1527 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_2_relu/Relu_quantized:0, conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:28,268 - Quant - INFO - Adding activation quantization op conv4_block2_3_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:28.280503: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_bn/FusedBatchNormV3'

id:1562 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block2_3_conv/BiasAdd_quantized:0, conv4_block2_3_bn/ReadVariableOp, conv4_block2_3_bn/ReadVariableOp_1, conv4_block2_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:28,667 - Quant - INFO - Adding activation quantization op conv4_block1_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:28.678207: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1563 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu_quantized:0, conv4_block2_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:29,070 - Quant - INFO - Adding activation quantization op conv4_block1_1_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:29.080898: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_bn/FusedBatchNormV3' id:1238 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block1_1_conv/BiasAdd_quantized:0, conv4_block1_1_bn/ReadVariableOp, conv4_block1_1_bn/ReadVariableOp_1, conv4_block1_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:29,469 - Quant - INFO - Adding activation quantization op conv4_block1_1_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:29.480179: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_relu/Relu' id:1239 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:29,869 - Quant - INFO - Adding activation quantization op

conv4_block1_2_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:29.880054: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/Conv2D' id:1260
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block1_1_relu/Relu_quantized:0,
conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:30,274 - Quant - INFO - Adding activation quantization op
conv4_block1_2_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:30.284718: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_bn/FusedBatchNormV3'
id:1287 op device:{requested: '', assigned: ''} def:{{{node
conv4_block1_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block1_2_conv/BiasAdd_quantized:0,
conv4_block1_2_bn/ReadVariableOp, conv4_block1_2_bn/ReadVariableOp_1,
conv4_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:30,719 - Quant - INFO - Adding activation quantization op
conv4_block1_2_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:30.731373: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_relu/Relu' id:1288
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block1_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:31,150 - Quant - INFO - Adding activation quantization op
conv4_block1_3_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:31.161846: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/Conv2D' id:1336
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block1_2_relu/Relu_quantized:0,
conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:31,554 - Quant - INFO - Adding activation quantization op conv4_block1_3_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:31.564842: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_bn/FusedBatchNormV3' id:1404 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block1_3_conv/BiasAdd_quantized:0, conv4_block1_3_bn/ReadVariableOp, conv4_block1_3_bn/ReadVariableOp_1, conv4_block1_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:31,953 - Quant - INFO - Adding activation quantization op conv3_block4_1_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:31.963998: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1405 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}} = AddV2[T=DT_FLOAT](conv4_block1_0_bn/FusedBatchNormV3_quantized:0, conv4_block1_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:32,358 - Quant - INFO - Adding activation quantization op conv3_block4_1_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:32.368543: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_bn/FusedBatchNormV3' id:1090 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block4_1_conv/BiasAdd_quantized:0, conv3_block4_1_bn/ReadVariableOp, conv3_block4_1_bn/ReadVariableOp_1, conv3_block4_1_bn/FusedBatchNormV3/ReadVariableOp, conv3_block4_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:32,765 - Quant - INFO - Adding activation quantization op conv3_block4_1_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:32.777999: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_relu/Relu' id:1091

op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block4_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:33,172 - Quant - INFO - Adding activation quantization op conv3_block4_2_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:33.183236: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/Conv2D' id:1112 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_1_relu/Relu_quantized:0, conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:33,576 - Quant - INFO - Adding activation quantization op conv3_block4_2_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:33.587330: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_bn/FusedBatchNormV3' id:1139 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block4_2_conv/BiasAdd_quantized:0, conv3_block4_2_bn/ReadVariableOp, conv3_block4_2_bn/ReadVariableOp_1, conv3_block4_2_bn/FusedBatchNormV3/ReadVariableOp, conv3_block4_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:33,976 - Quant - INFO - Adding activation quantization op conv3_block4_2_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:33.987464: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_relu/Relu' id:1140 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block4_2_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:34,382 - Quant - INFO - Adding activation quantization op conv3_block4_3_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:34.392999: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/Conv2D' id:1161

op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_2_relu/Relu_quantized:0, conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:34,787 - Quant - INFO - Adding activation quantization op conv3_block4_3_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:34.798515: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_bn/FusedBatchNormV3' id:1188 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block4_3_conv/BiasAdd_quantized:0, conv3_block4_3_bn/ReadVariableOp, conv3_block4_3_bn/ReadVariableOp_1, conv3_block4_3_bn/FusedBatchNormV3/ReadVariableOp, conv3_block4_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:35,192 - Quant - INFO - Adding activation quantization op conv3_block3_1_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:35.202626: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_add/add' id:1189 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_add/add}}} = AddV2[T=DT_FLOAT](conv3_block3_out/Relu_quantized:0, conv3_block4_3_bn/FusedBatchNormV3_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:35,599 - Quant - INFO - Adding activation quantization op conv3_block3_1_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:35.609354: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_bn/FusedBatchNormV3' id:942 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block3_1_conv/BiasAdd_quantized:0, conv3_block3_1_bn/ReadVariableOp, conv3_block3_1_bn/ReadVariableOp_1, conv3_block3_1_bn/FusedBatchNormV3/ReadVariableOp, conv3_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running

them or create a new session.

2023-12-14 06:40:36,007 - Quant - INFO - Adding activation quantization op conv3_block3_1_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:36.017836: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_relu/Relu' id:943 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block3_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:36,455 - Quant - INFO - Adding activation quantization op conv3_block3_2_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:36.465512: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/Conv2D' id:964 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_1_relu/Relu_quantized:0, conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:36,895 - Quant - INFO - Adding activation quantization op conv3_block3_2_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:36.906506: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_bn/FusedBatchNormV3' id:991 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block3_2_conv/BiasAdd_quantized:0, conv3_block3_2_bn/ReadVariableOp, conv3_block3_2_bn/ReadVariableOp_1, conv3_block3_2_bn/FusedBatchNormV3/ReadVariableOp, conv3_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:37,314 - Quant - INFO - Adding activation quantization op conv3_block3_2_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:37.325871: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_relu/Relu' id:992 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block3_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have

no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:37,729 - Quant - INFO - Adding activation quantization op conv3_block3_3_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:37.740464: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/Conv2D' id:1013 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_2_relu/Relu_quantized:0, conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:38,144 - Quant - INFO - Adding activation quantization op conv3_block3_3_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:38.159166: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_bn/FusedBatchNormV3' id:1040 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block3_3_conv/BiasAdd_quantized:0, conv3_block3_3_bn/ReadVariableOp, conv3_block3_3_bn/ReadVariableOp_1, conv3_block3_3_bn/FusedBatchNormV3/ReadVariableOp, conv3_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:38,571 - Quant - INFO - Adding activation quantization op conv3_block2_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:38.581916: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_add/add' id:1041 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_add/add}} = AddV2[T=DT_FLOAT](conv3_block2_out/Relu_quantized:0, conv3_block3_3_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:38,988 - Quant - INFO - Adding activation quantization op conv3_block2_1_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:38.999902: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_bn/FusedBatchNormV3' id:794 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,

data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block2_1_conv/BiasAdd_quantized:0, conv3_block2_1_bn/ReadVariableOp, conv3_block2_1_bn/ReadVariableOp_1, conv3_block2_1_bn/FusedBatchNormV3/ReadVariableOp, conv3_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:39,406 - Quant - INFO - Adding activation quantization op conv3_block2_1_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:39.417679: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_relu/Relu' id:795 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block2_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:39,821 - Quant - INFO - Adding activation quantization op conv3_block2_2_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:39.833723: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/Conv2D' id:816 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_1_relu/Relu_quantized:0, conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:40,244 - Quant - INFO - Adding activation quantization op conv3_block2_2_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:40.255242: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_bn/FusedBatchNormV3' id:843 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block2_2_conv/BiasAdd_quantized:0, conv3_block2_2_bn/ReadVariableOp, conv3_block2_2_bn/ReadVariableOp_1, conv3_block2_2_bn/FusedBatchNormV3/ReadVariableOp, conv3_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:40,662 - Quant - INFO - Adding activation quantization op

conv3_block2_2_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:40.673342: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_relu/Relu' id:844 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_relu/Relu}} = Relu[T=DT_FLOAT](conv3_block2_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:41,081 - Quant - INFO - Adding activation quantization op conv3_block2_3_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:41.091871: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/Conv2D' id:865 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_2_relu/Relu_quantized:0, conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:41,500 - Quant - INFO - Adding activation quantization op conv3_block2_3_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:41.510527: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_bn/FusedBatchNormV3' id:892 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block2_3_conv/BiasAdd_quantized:0, conv3_block2_3_bn/ReadVariableOp, conv3_block2_3_bn/ReadVariableOp_1, conv3_block2_3_bn/FusedBatchNormV3/ReadVariableOp, conv3_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:41,918 - Quant - INFO - Adding activation quantization op conv3_block1_1_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:41.928771: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_add/add' id:893 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_add/add}} = AddV2[T=DT_FLOAT](conv3_block1_out/Relu_quantized:0, conv3_block2_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:42,338 - Quant - INFO - Adding activation quantization op conv3_block1_1_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:42.348354: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_bn/FusedBatchNormV3' id:598 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block1_1_conv/BiasAdd_quantized:0, conv3_block1_1_bn/ReadVariableOp, conv3_block1_1_bn/ReadVariableOp_1, conv3_block1_1_bn/FusedBatchNormV3/ReadVariableOp, conv3_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:42,757 - Quant - INFO - Adding activation quantization op conv3_block1_1_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:42.768970: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_relu/Relu' id:599 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block1_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:43,180 - Quant - INFO - Adding activation quantization op conv3_block1_2_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:43.190290: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/Conv2D' id:620 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_1_relu/Relu_quantized:0, conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:43,608 - Quant - INFO - Adding activation quantization op conv3_block1_2_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:43.618756: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_bn/FusedBatchNormV3' id:647 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block1_2_conv/BiasAdd_quantized:0, conv3_block1_2_bn/ReadVariableOp, conv3_block1_2_bn/ReadVariableOp_1,

conv3_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:44,045 - Quant - INFO - Adding activation quantization op
conv3_block1_2_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:44.057814: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_relu/Relu' id:648 op
device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv3_block1_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:44,479 - Quant - INFO - Adding activation quantization op
conv3_block1_3_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:44.490784: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/Conv2D' id:692
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block1_2_relu/Relu_quantized:0,
conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:44,900 - Quant - INFO - Adding activation quantization op
conv3_block1_3_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:44.910915: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_bn/FusedBatchNormV3'
id:744 op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block1_3_conv/BiasAdd_quantized:0,
conv3_block1_3_bn/ReadVariableOp, conv3_block1_3_bn/ReadVariableOp_1,
conv3_block1_3_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:45,327 - Quant - INFO - Adding activation quantization op
conv2_block3_1_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:45.338098: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:745 op

device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}} = AddV2[T=DT_FLOAT](conv3_block1_0_bn/FusedBatchNormV3_quantized:0, conv3_block1_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:45,749 - Quant - INFO - Adding activation quantization op conv2_block3_1_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:45.759653: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_bn/FusedBatchNormV3' id:450 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block3_1_conv/BiasAdd_quantized:0, conv2_block3_1_bn/ReadVariableOp, conv2_block3_1_bn/ReadVariableOp_1, conv2_block3_1_bn/FusedBatchNormV3/ReadVariableOp, conv2_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:46,171 - Quant - INFO - Adding activation quantization op conv2_block3_1_relu/Relu_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:46.182428: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_relu/Relu' id:451 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block3_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:46,634 - Quant - INFO - Adding activation quantization op conv2_block3_2_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:46.644836: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/Conv2D' id:472 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_1_relu/Relu_quantized:0, conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:47,058 - Quant - INFO - Adding activation quantization op conv2_block3_2_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:47.069167: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_bn/FusedBatchNormV3'
id:499 op device:{requested: '', assigned: ''} def:{{{node
conv2_block3_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block3_2_conv/BiasAdd_quantized:0,
conv2_block3_2_bn/ReadVariableOp, conv2_block3_2_bn/ReadVariableOp_1,
conv2_block3_2_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:47,491 - Quant - INFO - Adding activation quantization op
conv2_block3_2_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:47.501390: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_relu/Relu' id:500 op
device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block3_2_bn/FusedBatchNormV3_quantized:0)}}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:47,917 - Quant - INFO - Adding activation quantization op
conv2_block3_3_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:47.927586: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/Conv2D' id:521
op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block3_2_relu/Relu_quantized:0,
conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:48,348 - Quant - INFO - Adding activation quantization op
conv2_block3_3_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:48.359014: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_bn/FusedBatchNormV3'
id:548 op device:{requested: '', assigned: ''} def:{{{node
conv2_block3_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block3_3_conv/BiasAdd_quantized:0,
conv2_block3_3_bn/ReadVariableOp, conv2_block3_3_bn/ReadVariableOp_1,
conv2_block3_3_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,

and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:48,801 - Quant - INFO - Adding activation quantization op conv2_block2_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:48.812347: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_add/add' id:549 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}} = AddV2[T=DT_FLOAT](conv2_block2_out/Relu_quantized:0, conv2_block3_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:49,260 - Quant - INFO - Adding activation quantization op conv2_block2_1_bn/FusedBatchNormV3_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:49.271096: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_bn/FusedBatchNormV3' id:302 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block2_1_conv/BiasAdd_quantized:0, conv2_block2_1_bn/ReadVariableOp, conv2_block2_1_bn/ReadVariableOp_1, conv2_block2_1_bn/FusedBatchNormV3/ReadVariableOp, conv2_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:49,701 - Quant - INFO - Adding activation quantization op conv2_block2_1_relu/Relu_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:49.712214: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_relu/Relu' id:303 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block2_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:50,141 - Quant - INFO - Adding activation quantization op conv2_block2_2_conv/BiasAdd_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:50.159885: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/Conv2D' id:324 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_1_relu/Relu_quantized:0, conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by

updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:50,593 - Quant - INFO - Adding activation quantization op conv2_block2_2_bn/FusedBatchNormV3_quantized

```
| Weight Quantization Sensitivity2023-12-14 06:40:50.604047: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_bn/FusedBatchNormV3'
id:351 op device:{requested: '', assigned: ''} def:{{{node
conv2_block2_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block2_2_conv/BiasAdd_quantized:0,
conv2_block2_2_bn/ReadVariableOp, conv2_block2_2_bn/ReadVariableOp_1,
conv2_block2_2_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 06:40:51,030 - Quant - INFO - Adding activation quantization op conv2_block2_2_relu/Relu_quantized

```
/ Weight Quantization Sensitivity2023-12-14 06:40:51.040585: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_relu/Relu' id:352 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv2_block2_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.
```

2023-12-14 06:40:51,471 - Quant - INFO - Adding activation quantization op conv2_block2_3_conv/BiasAdd_quantized

```
- Weight Quantization Sensitivity2023-12-14 06:40:51.481945: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/Conv2D' id:373
op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block2_2_relu/Relu_quantized:0,
conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 06:40:51,910 - Quant - INFO - Adding activation quantization op conv2_block2_3_bn/FusedBatchNormV3_quantized

```
\ Weight Quantization Sensitivity2023-12-14 06:40:51.921357: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_bn/FusedBatchNormV3'
id:400 op device:{requested: '', assigned: ''} def:{{{node
conv2_block2_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
```


data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block2_3_conv/BiasAdd_quantized:0, conv2_block2_3_bn/ReadVariableOp, conv2_block2_3_bn/ReadVariableOp_1, conv2_block2_3_bn/FusedBatchNormV3/ReadVariableOp, conv2_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:52,355 - Quant - INFO - Adding activation quantization op conv2_block1_1_conv/BiasAdd_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:52.366121: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_add/add' id:401 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_add/add}} = AddV2[T=DT_FLOAT](conv2_block1_out/Relu_quantized:0, conv2_block2_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:52,796 - Quant - INFO - Adding activation quantization op conv2_block1_1_bn/FusedBatchNormV3_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:52.806593: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_bn/FusedBatchNormV3' id:106 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block1_1_conv/BiasAdd_quantized:0, conv2_block1_1_bn/ReadVariableOp, conv2_block1_1_bn/ReadVariableOp_1, conv2_block1_1_bn/FusedBatchNormV3/ReadVariableOp, conv2_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:53,240 - Quant - INFO - Adding activation quantization op conv2_block1_1_relu/Relu_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:53.250764: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_relu/Relu' id:107 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block1_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:40:53,689 - Quant - INFO - Adding activation quantization op conv2_block1_2_conv/BiasAdd_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:53.700156: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/Conv2D' id:128
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block1_1_relu/Relu_quantized:0,
conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:54,132 - Quant - INFO - Adding activation quantization op
conv2_block1_2_bn/FusedBatchNormV3_quantized

\ Weight Quantization Sensitivity2023-12-14 06:40:54.142123: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_bn/FusedBatchNormV3'
id:155 op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block1_2_conv/BiasAdd_quantized:0,
conv2_block1_2_bn/ReadVariableOp, conv2_block1_2_bn/ReadVariableOp_1,
conv2_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:40:54,577 - Quant - INFO - Adding activation quantization op
conv2_block1_2_relu/Relu_quantized

| Weight Quantization Sensitivity2023-12-14 06:40:54.589261: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_relu/Relu' id:156 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block1_2_bn/FusedBatchNormV3_quantized:0)}}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:40:55,023 - Quant - INFO - Adding activation quantization op
conv2_block1_3_conv/BiasAdd_quantized

/ Weight Quantization Sensitivity2023-12-14 06:40:55.035575: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/Conv2D' id:200
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block1_2_relu/Relu_quantized:0,
conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:40:55,468 - Quant - INFO - Adding activation quantization op conv2_block1_3_bn/FusedBatchNormV3_quantized

- Weight Quantization Sensitivity2023-12-14 06:40:55.479283: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_bn/FusedBatchNormV3' id:252 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block1_3_conv/BiasAdd_quantized:0, conv2_block1_3_bn/ReadVariableOp, conv2_block1_3_bn/ReadVariableOp_1, conv2_block1_3_bn/FusedBatchNormV3/ReadVariableOp, conv2_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.
\ Weight Quantization Sensitivity

WARNING:tensorflow:From /usr/local/lib/python3.8/dist-packages/aimet_tensorflow/utils/common.py:365: Variable.load (from tensorflow.python.ops.variables) is deprecated and will be removed in a future version.

Instructions for updating:
Prefer Variable.assign which has equivalent behavior in 2.X.

2023-12-14 06:40:55,918 - tensorflow - WARNING - From /usr/local/lib/python3.8/dist-packages/aimet_tensorflow/utils/common.py:365: Variable.load (from tensorflow.python.ops.variables) is deprecated and will be removed in a future version.

Instructions for updating:
Prefer Variable.assign which has equivalent behavior in 2.X.

\ Weight Quantization Sensitivity2023-12-14 06:40:55.921047: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_add/add' id:253 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_add/add}} = AddV2[T=DT_FLOAT](conv2_block1_0_bn/FusedBatchNormV3_quantized:0, conv2_block1_3_bn/FusedBatchNormV3_quantized:0)}}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:42:01,560 - Utils - INFO - ... subset to store [conv1_conv/Conv2D, conv1_bn]

2023-12-14 06:42:01,562 - Utils - INFO - ... subset to store [conv2_block1_0_conv/Conv2D, conv2_block1_0_bn]

2023-12-14 06:42:01,563 - Utils - INFO - ... subset to store
[conv3_block1_0_conv/Conv2D, conv3_block1_0_bn]

2023-12-14 06:42:01,565 - Utils - INFO - ... subset to store
[conv4_block1_0_conv/Conv2D, conv4_block1_0_bn]

2023-12-14 06:42:01,566 - Utils - INFO - ... subset to store
[conv5_block1_0_conv/Conv2D, conv5_block1_0_bn]

2023-12-14 06:42:01,567 - Utils - INFO - ... subset to store
[conv5_block3_1_conv/Conv2D, conv5_block3_1_bn]

2023-12-14 06:42:01,568 - Utils - INFO - ... subset to store
[conv5_block3_2_conv/Conv2D, conv5_block3_2_bn]

2023-12-14 06:42:01,568 - Utils - INFO - ... subset to store
[conv5_block3_3_conv/Conv2D, conv5_block3_3_bn]

2023-12-14 06:42:01,569 - Utils - INFO - ... subset to store
[conv5_block2_1_conv/Conv2D, conv5_block2_1_bn]

2023-12-14 06:42:01,570 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_bn]

2023-12-14 06:42:01,571 - Utils - INFO - ... subset to store
[conv5_block2_3_conv/Conv2D, conv5_block2_3_bn]

2023-12-14 06:42:01,572 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_bn]

2023-12-14 06:42:01,573 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_bn]

2023-12-14 06:42:01,574 - Utils - INFO - ... subset to store
[conv5_block1_3_conv/Conv2D, conv5_block1_3_bn]

2023-12-14 06:42:01,575 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_bn]

2023-12-14 06:42:01,575 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_bn]

2023-12-14 06:42:01,576 - Utils - INFO - ... subset to store
[conv4_block6_3_conv/Conv2D, conv4_block6_3_bn]

2023-12-14 06:42:01,577 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_bn]

2023-12-14 06:42:01,578 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_bn]

2023-12-14 06:42:01,579 - Utils - INFO - ... subset to store
[conv4_block5_3_conv/Conv2D, conv4_block5_3_bn]

2023-12-14 06:42:01,580 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_bn]

2023-12-14 06:42:01,582 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_bn]

2023-12-14 06:42:01,584 - Utils - INFO - ... subset to store
[conv4_block4_3_conv/Conv2D, conv4_block4_3_bn]

2023-12-14 06:42:01,585 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_bn]

2023-12-14 06:42:01,587 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_bn]

2023-12-14 06:42:01,588 - Utils - INFO - ... subset to store
[conv4_block3_3_conv/Conv2D, conv4_block3_3_bn]

2023-12-14 06:42:01,589 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_bn]

2023-12-14 06:42:01,590 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_bn]

2023-12-14 06:42:01,591 - Utils - INFO - ... subset to store
[conv4_block2_3_conv/Conv2D, conv4_block2_3_bn]

2023-12-14 06:42:01,592 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_bn]

2023-12-14 06:42:01,593 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_bn]

2023-12-14 06:42:01,595 - Utils - INFO - ... subset to store
[conv4_block1_3_conv/Conv2D, conv4_block1_3_bn]

2023-12-14 06:42:01,596 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_bn]

2023-12-14 06:42:01,597 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_bn]

2023-12-14 06:42:01,598 - Utils - INFO - ... subset to store
[conv3_block4_3_conv/Conv2D, conv3_block4_3_bn]

2023-12-14 06:42:01,599 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_bn]

2023-12-14 06:42:01,600 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_bn]

2023-12-14 06:42:01,601 - Utils - INFO - ... subset to store
[conv3_block3_3_conv/Conv2D, conv3_block3_3_bn]

2023-12-14 06:42:01,602 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_bn]

2023-12-14 06:42:01,604 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_bn]

2023-12-14 06:42:01,604 - Utils - INFO - ... subset to store
[conv3_block2_3_conv/Conv2D, conv3_block2_3_bn]

2023-12-14 06:42:01,605 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_bn]

2023-12-14 06:42:01,606 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_bn]

2023-12-14 06:42:01,607 - Utils - INFO - ... subset to store
[conv3_block1_3_conv/Conv2D, conv3_block1_3_bn]

2023-12-14 06:42:01,608 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_bn]

2023-12-14 06:42:01,609 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_bn]

2023-12-14 06:42:01,610 - Utils - INFO - ... subset to store
[conv2_block3_3_conv/Conv2D, conv2_block3_3_bn]

2023-12-14 06:42:01,611 - Utils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_bn]

2023-12-14 06:42:01,612 - Utils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_bn]

2023-12-14 06:42:01,613 - Utils - INFO - ... subset to store
[conv2_block2_3_conv/Conv2D, conv2_block2_3_bn]

2023-12-14 06:42:01,614 - Utils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_bn]

2023-12-14 06:42:01,615 - Utils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_bn]

2023-12-14 06:42:01,615 - Utils - INFO - ... subset to store
[conv2_block1_3_conv/Conv2D, conv2_block1_3_bn]

2023-12-14 06:42:01,616 - Utils - INFO - ... subset to store
[conv1_conv/Conv2D, conv1_relu/Relu]

2023-12-14 06:42:01,623 - Utils - INFO - ... subset to store
[conv2_block1_add/add, conv2_block1_out/Relu]

2023-12-14 06:42:01,632 - Utils - INFO - ... subset to store
[conv2_block2_add/add, conv2_block2_out/Relu]

2023-12-14 06:42:01,640 - Utils - INFO - ... subset to store
[conv2_block3_add/add, conv2_block3_out/Relu]

2023-12-14 06:42:01,646 - Utils - INFO - ... subset to store
[conv3_block1_add/add, conv3_block1_out/Relu]

2023-12-14 06:42:01,654 - Utils - INFO - ... subset to store
[conv3_block2_add/add, conv3_block2_out/Relu]

2023-12-14 06:42:01,661 - Utils - INFO - ... subset to store
[conv3_block3_add/add, conv3_block3_out/Relu]

2023-12-14 06:42:01,668 - Utils - INFO - ... subset to store
[conv3_block4_add/add, conv3_block4_out/Relu]

2023-12-14 06:42:01,674 - Utils - INFO - ... subset to store
[conv4_block1_add/add, conv4_block1_out/Relu]

2023-12-14 06:42:01,680 - Utils - INFO - ... subset to store
[conv4_block2_add/add, conv4_block2_out/Relu]

2023-12-14 06:42:01,686 - Utils - INFO - ... subset to store
[conv4_block3_add/add, conv4_block3_out/Relu]

2023-12-14 06:42:01,692 - Utils - INFO - ... subset to store
[conv4_block4_add/add, conv4_block4_out/Relu]

2023-12-14 06:42:01,698 - Utils - INFO - ... subset to store
[conv4_block5_add/add, conv4_block5_out/Relu]

2023-12-14 06:42:01,703 - Utils - INFO - ... subset to store
[conv4_block6_add/add, conv4_block6_out/Relu]

2023-12-14 06:42:01,710 - Utils - INFO - ... subset to store
[conv5_block1_add/add, conv5_block1_out/Relu]

2023-12-14 06:42:01,716 - Utils - INFO - ... subset to store
[conv5_block2_add/add, conv5_block2_out/Relu]

2023-12-14 06:42:01,722 - Utils - INFO - ... subset to store
[conv5_block3_add/add, conv5_block3_out/Relu]

2023-12-14 06:42:01,728 - Utils - INFO - ... subset to store
[conv5_block3_1_conv/Conv2D, conv5_block3_1_relu/Relu]

2023-12-14 06:42:01,733 - Utils - INFO - ... subset to store
[conv5_block3_2_conv/Conv2D, conv5_block3_2_relu/Relu]

2023-12-14 06:42:01,738 - Utils - INFO - ... subset to store
[conv5_block2_1_conv/Conv2D, conv5_block2_1_relu/Relu]

2023-12-14 06:42:01,743 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_relu/Relu]

2023-12-14 06:42:01,748 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_relu/Relu]

2023-12-14 06:42:01,752 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_relu/Relu]

2023-12-14 06:42:01,757 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_relu/Relu]

2023-12-14 06:42:01,761 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_relu/Relu]

2023-12-14 06:42:01,765 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_relu/Relu]

2023-12-14 06:42:01,769 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_relu/Relu]

2023-12-14 06:42:01,774 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_relu/Relu]

2023-12-14 06:42:01,778 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_relu/Relu]

2023-12-14 06:42:01,782 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_relu/Relu]

2023-12-14 06:42:01,787 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_relu/Relu]

2023-12-14 06:42:01,791 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_relu/Relu]

2023-12-14 06:42:01,795 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_relu/Relu]

2023-12-14 06:42:01,803 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_relu/Relu]

2023-12-14 06:42:01,809 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_relu/Relu]

2023-12-14 06:42:01,814 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_relu/Relu]

2023-12-14 06:42:01,819 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_relu/Relu]

2023-12-14 06:42:01,823 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_relu/Relu]

2023-12-14 06:42:01,829 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_relu/Relu]

2023-12-14 06:42:01,834 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_relu/Relu]

2023-12-14 06:42:01,841 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_relu/Relu]

2023-12-14 06:42:01,848 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_relu/Relu]

2023-12-14 06:42:01,854 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_relu/Relu]

2023-12-14 06:42:01,860 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_relu/Relu]

2023-12-14 06:42:01,866 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_relu/Relu]

2023-12-14 06:42:01,872 - Uutils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_relu/Relu]

2023-12-14 06:42:01,878 - Uutils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_relu/Relu]

2023-12-14 06:42:01,883 - Uutils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_relu/Relu]

2023-12-14 06:42:01,888 - Uutils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_relu/Relu]

| Weight Quantization Sensitivity2023-12-14 06:42:23.037119: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:42:23.037309: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:42:23.037377: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:42:23.037484: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:42:23.037552: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:42:23.037614: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6

\ Weight Quantization Sensitivity

INFO:tensorflow:Restoring parameters from
/tmp/quantsim/_2023-12-14_06:42:19.545834/temp

2023-12-14 06:42:24,838 - tensorflow - INFO - Restoring parameters from
/tmp/quantsim/_2023-12-14_06:42:19.545834/temp

```

/ Weight Quantization Sensitivity
0it [00:00, ?it/s]2023-12-14 06:45:28.267780: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:45:28.267937: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:45:28.268000: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:45:28.268100: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:45:28.268165: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:45:28.268221: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
2it [00:04, 1.99s/it]
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
9it [00:07, 1.98it/s]
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
17it [00:11, 2.27it/s]
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity

```

```

/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
25it [00:14, 2.29it/s]
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
33it [00:18, 2.28it/s]
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
41it [00:21, 2.29it/s]
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
49it [00:25, 2.29it/s]
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
56it [00:28, 2.29it/s]
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
64it [00:31, 2.29it/s]
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity

```

```
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
72it [00:35, 2.28it/s]
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
\ Weight Quantization Sensitivity
| Weight Quantization Sensitivity
/ Weight Quantization Sensitivity
- Weight Quantization Sensitivity
79it [00:38, 2.06it/s]
```

```
2023-12-14 06:48:43,164 - Quant - INFO - The following quantizers did not have
valid encodings and have been set to passThrough mode:
['dense/Softmax_quantized']
```

```
2023-12-14 06:48:43,165 - Quant - INFO - This can be due to the quantizers not
having been evaluated during the forward pass in compute encodings. Evaluation
is required to collect statistics needed to compute valid encodings.
As a result, the quantizers have been set to passThrough mode, meaning no
quantization noise will be simulated for these ops if they are evaluated in the
future.
```

```
If this is not desired, amend the forward pass to evaluate tensors which require
these ops to be evaluated, and recompute encodings.
```

```
\ Weight Quantization Sensitivity2023-12-14 06:48:45.763614: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:48:45.763774: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:48:45.763838: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:48:45.763934: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:48:45.763997: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:48:45.764051: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
```

```
capability: 8.6
/ Weight Quantization Sensitivity
| Activation Quantization Sensitivity2023-12-14 06:50:58.472023: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:50:58.472180: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:50:58.472254: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:50:58.472355: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:50:58.472419: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:50:58.472475: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Activation Quantization Sensitivity

INFO:tensorflow:Restoring parameters from
/tmp/tf_session_copy_2023-12-14_06:50:57.168904/temp

2023-12-14 06:50:59,573 - tensorflow - INFO - Restoring parameters from
/tmp/tf_session_copy_2023-12-14_06:50:57.168904/temp

2023-12-14 06:51:02,291 - Quant - INFO - No config file provided, defaulting to
config file at /usr/local/lib/python3.8/dist-
packages/aimet_common/quantsim_config/default_config.json

2023-12-14 06:51:02,308 - Quant - INFO - Adding weight quantization op
conv1_conv/Conv2D/ReadVariableOp_quantized

2023-12-14 06:51:02,604 - Quant - INFO - Adding weight quantization op
conv1_conv/BiasAdd/ReadVariableOp_quantized
```


| Activation Quantization Sensitivity2023-12-14 06:51:02.616011: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/Conv2D' id:27 op
device:{requested: '', assigned: ''} def:{{{node conv1_conv/Conv2D}}} =
Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv1_pad/Pad,
conv1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:02,903 - Quant - INFO - Adding weight quantization op
conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:02.914650: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/BiasAdd' id:29 op
device:{requested: '', assigned: ''} def:{{{node conv1_conv/BiasAdd}}} =
BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv1_conv/Conv2D,
conv1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:03,200 - Quant - INFO - Adding weight quantization op
conv2_block1_0_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:03.210798: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_conv/Conv2D' id:177
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/Conv2D}}} =
Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](pool1_pool/MaxPool,
conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:03,500 - Quant - INFO - Adding weight quantization op
conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:03.513477: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_conv/BiasAdd' id:179
op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv2_block1_0_conv/Conv2D,
conv2_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:03,824 - Quant - INFO - Adding weight quantization op

conv3_block1_0_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:03.835829: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_conv/Conv2D' id:669
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv2_block3_out/Relu,
conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:04,120 - Quant - INFO - Adding weight quantization op
conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:04.131200: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_conv/BiasAdd' id:671
op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block1_0_conv/Conv2D,
conv3_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:04,426 - Quant - INFO - Adding weight quantization op
conv4_block1_0_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:04.437632: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_conv/Conv2D' id:1311
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv3_block4_out/Relu,
conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:04,724 - Quant - INFO - Adding weight quantization op
conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:04.735822: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_conv/BiasAdd'
id:1313 op device:{requested: '', assigned: ''} def:{{{node
conv4_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block1_0_conv/Conv2D,
conv4_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after

running them or create a new session.

2023-12-14 06:51:05,040 - Quant - INFO - Adding weight quantization op conv5_block1_0_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:05.051737: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_conv/Conv2D' id:2317 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv4_block6_out/Relu, conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:05,350 - Quant - INFO - Adding weight quantization op dense/MatMul/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:05.361834: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_conv/BiasAdd' id:2319 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block1_0_conv/Conv2D, conv5_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:05,652 - Quant - INFO - Adding weight quantization op dense/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:05.663545: W tensorflow/c/c_api.cc:349] Operation '{name:'dense/MatMul' id:2751 op device:{requested: '', assigned: ''} def:{{{node dense/MatMul}}} = MatMul[T=DT_FLOAT, transpose_a=false, transpose_b=false](global_average_pooling2d/Mean, dense/MatMul/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:05,946 - Quant - INFO - Adding weight quantization op conv5_block3_1_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:05.958444: W tensorflow/c/c_api.cc:349] Operation '{name:'dense/BiasAdd' id:2753 op device:{requested: '', assigned: ''} def:{{{node dense/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](dense/MatMul, dense/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and

will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:06,243 - Quant - INFO - Adding weight quantization op conv5_block3_1_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:06.254936: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_conv/Conv2D' id:2591 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_out/Relu, conv5_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:06,542 - Quant - INFO - Adding weight quantization op conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:06.554818: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_conv/BiasAdd' id:2593 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block3_1_conv/Conv2D, conv5_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:06,855 - Quant - INFO - Adding weight quantization op conv5_block3_2_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:06.866959: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/Conv2D' id:2640 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_1_relu/Relu, conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:07,161 - Quant - INFO - Adding weight quantization op conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:07.172353: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/BiasAdd' id:2642 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block3_2_conv/Conv2D,

conv5_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:07,487 - Quant - INFO - Adding weight quantization op conv5_block3_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:07.498148: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/Conv2D' id:2691 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_2_relu/Relu, conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:07,800 - Quant - INFO - Adding weight quantization op conv5_block2_1_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:07.810893: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/BiasAdd' id:2693 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block3_3_conv/Conv2D, conv5_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:08,107 - Quant - INFO - Adding weight quantization op conv5_block2_1_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:08.118597: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_conv/Conv2D' id:2433 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block1_out/Relu, conv5_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:08,417 - Quant - INFO - Adding weight quantization op conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:08.428020: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_conv/BiasAdd' id:2435 op device:{requested: '', assigned: ''} def:{{{node

conv5_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block2_1_conv/Conv2D, conv5_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:08,731 - Quant - INFO - Adding weight quantization op conv5_block2_2_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:08.741443: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/Conv2D' id:2482 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_1_relu/Relu, conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:09,036 - Quant - INFO - Adding weight quantization op conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:09.047126: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/BiasAdd' id:2484 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block2_2_conv/Conv2D, conv5_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:09,344 - Quant - INFO - Adding weight quantization op conv5_block2_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:09.355318: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/Conv2D' id:2533 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_2_relu/Relu, conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:09,650 - Quant - INFO - Adding weight quantization op conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:09.661659: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/BiasAdd'
id:2535 op device:{requested: '', assigned: ''} def:{{{node
conv5_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv5_block2_3_conv/Conv2D,
conv5_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:09,955 - Quant - INFO - Adding weight quantization op
conv5_block1_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:09.966676: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/Conv2D' id:2217
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv4_block6_out/Relu,
conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:10,259 - Quant - INFO - Adding weight quantization op
conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:10.270384: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/BiasAdd'
id:2219 op device:{requested: '', assigned: ''} def:{{{node
conv5_block1_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv5_block1_1_conv/Conv2D,
conv5_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:10,588 - Quant - INFO - Adding weight quantization op
conv5_block1_2_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:10.599813: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/Conv2D' id:2266
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_1_relu/Relu,
conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:10,912 - Quant - INFO - Adding weight quantization op conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:10.923368: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/BiasAdd' id:2268 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block1_2_conv/Conv2D, conv5_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:11,238 - Quant - INFO - Adding weight quantization op conv5_block1_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:11.249712: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/Conv2D' id:2342 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv5_block1_2_relu/Relu, conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:11,568 - Quant - INFO - Adding weight quantization op conv4_block6_1_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:11.579951: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/BiasAdd' id:2344 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block1_3_conv/Conv2D, conv5_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:11,890 - Quant - INFO - Adding weight quantization op conv4_block6_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:11.902706: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_conv/Conv2D' id:2059 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block5_out/Relu, conv4_block6_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:12,199 - Quant - INFO - Adding weight quantization op conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:12.211205: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_conv/BiasAdd' id:2061 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block6_1_conv/Conv2D, conv4_block6_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:12,529 - Quant - INFO - Adding weight quantization op conv4_block6_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:12.540767: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/Conv2D' id:2108 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_1_relu/Relu, conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:12,850 - Quant - INFO - Adding weight quantization op conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:12.863049: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/BiasAdd' id:2110 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block6_2_conv/Conv2D, conv4_block6_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:13,166 - Quant - INFO - Adding weight quantization op conv4_block6_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:13.177824: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/Conv2D' id:2159 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_2_relu/Relu,

conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:13,484 - Quant - INFO - Adding weight quantization op conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:13.495733: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/BiasAdd' id:2161 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block6_3_conv/Conv2D, conv4_block6_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:13,799 - Quant - INFO - Adding weight quantization op conv4_block5_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:13.811241: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/Conv2D' id:1901 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_out/Relu, conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:14,118 - Quant - INFO - Adding weight quantization op conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:14.128535: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/BiasAdd' id:1903 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block5_1_conv/Conv2D, conv4_block5_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:14,431 - Quant - INFO - Adding weight quantization op conv4_block5_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:14.442358: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/Conv2D' id:1950 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_1_relu/Relu, conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:14,766 - Quant - INFO - Adding weight quantization op conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:14.776863: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/BiasAdd' id:1952 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block5_2_conv/Conv2D, conv4_block5_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:15,075 - Quant - INFO - Adding weight quantization op conv4_block5_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:15.086376: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/Conv2D' id:2001 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_2_relu/Relu, conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:15,404 - Quant - INFO - Adding weight quantization op conv4_block4_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:15.414953: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/BiasAdd' id:2003 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block5_3_conv/Conv2D, conv4_block5_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:15,715 - Quant - INFO - Adding weight quantization op conv4_block4_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:15.725684: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_conv/Conv2D' id:1743

op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_out/Relu, conv4_block4_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:16,031 - Quant - INFO - Adding weight quantization op conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:16.042938: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_conv/BiasAdd' id:1745 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block4_1_conv/Conv2D, conv4_block4_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:16,354 - Quant - INFO - Adding weight quantization op conv4_block4_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:16.368040: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/Conv2D' id:1792 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_1_relu/Relu, conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:16,683 - Quant - INFO - Adding weight quantization op conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:16.694175: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/BiasAdd' id:1794 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block4_2_conv/Conv2D, conv4_block4_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:16,996 - Quant - INFO - Adding weight quantization op conv4_block4_3_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:17.006823: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/Conv2D' id:1843
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block4_2_relu/Relu,
conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:17,329 - Quant - INFO - Adding weight quantization op
conv4_block3_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:17.340180: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/BiasAdd'
id:1845 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block4_3_conv/Conv2D,
conv4_block4_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:17,650 - Quant - INFO - Adding weight quantization op
conv4_block3_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:17.660445: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_conv/Conv2D' id:1585
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block2_out/Relu,
conv4_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:17,962 - Quant - INFO - Adding weight quantization op
conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:17.973024: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_conv/BiasAdd'
id:1587 op device:{requested: '', assigned: ''} def:{{{node
conv4_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block3_1_conv/Conv2D,
conv4_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:18,288 - Quant - INFO - Adding weight quantization op conv4_block3_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:18.299443: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/Conv2D' id:1634 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_1_relu/Relu, conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:18,620 - Quant - INFO - Adding weight quantization op conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:18.631647: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/BiasAdd' id:1636 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block3_2_conv/Conv2D, conv4_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:18,947 - Quant - INFO - Adding weight quantization op conv4_block3_3_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:18.957530: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/Conv2D' id:1685 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_2_relu/Relu, conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:19,291 - Quant - INFO - Adding weight quantization op conv4_block2_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:19.302479: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/BiasAdd' id:1687 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block3_3_conv/Conv2D, conv4_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:19,623 - Quant - INFO - Adding weight quantization op conv4_block2_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:19.634914: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_conv/Conv2D' id:1427 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_out/Relu, conv4_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:19,944 - Quant - INFO - Adding weight quantization op conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:19.954146: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_conv/BiasAdd' id:1429 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_1_conv/Conv2D, conv4_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:20,273 - Quant - INFO - Adding weight quantization op conv4_block2_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:20.284052: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/Conv2D' id:1476 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_1_relu/Relu, conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:20,601 - Quant - INFO - Adding weight quantization op conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:20.611231: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/BiasAdd' id:1478 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_2_conv/Conv2D,

conv4_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:20,933 - Quant - INFO - Adding weight quantization op conv4_block2_3_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:20.943698: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/Conv2D' id:1527 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_2_relu/Relu, conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:21,269 - Quant - INFO - Adding weight quantization op conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:21.280760: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/BiasAdd' id:1529 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_3_conv/Conv2D, conv4_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:21,614 - Quant - INFO - Adding weight quantization op conv4_block1_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:21.623848: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/Conv2D' id:1211 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu, conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:21,962 - Quant - INFO - Adding weight quantization op conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:21.973253: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/BiasAdd' id:1213 op device:{requested: '', assigned: ''} def:{{{node

conv4_block1_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_1_conv/Conv2D, conv4_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:22,305 - Quant - INFO - Adding weight quantization op conv4_block1_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:22.316976: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/Conv2D' id:1260 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_1_relu/Relu, conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:22,656 - Quant - INFO - Adding weight quantization op conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:22.668300: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/BiasAdd' id:1262 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_2_conv/Conv2D, conv4_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:23,001 - Quant - INFO - Adding weight quantization op conv4_block1_3_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:23.013901: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/Conv2D' id:1336 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_2_relu/Relu, conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:23,332 - Quant - INFO - Adding weight quantization op conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:23.342768: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/BiasAdd'
id:1338 op device:{requested: '', assigned: ''} def:{{{node
conv4_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv4_block1_3_conv/Conv2D,
conv4_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:23,667 - Quant - INFO - Adding weight quantization op
conv3_block4_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:23.677957: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/Conv2D' id:1063
op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block3_out/Relu,
conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:24,018 - Quant - INFO - Adding weight quantization op
conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:24.029266: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/BiasAdd'
id:1065 op device:{requested: '', assigned: ''} def:{{{node
conv3_block4_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block4_1_conv/Conv2D,
conv3_block4_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:24,344 - Quant - INFO - Adding weight quantization op
conv3_block4_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:24.360883: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/Conv2D' id:1112
op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block4_1_relu/Relu,
conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:24,684 - Quant - INFO - Adding weight quantization op conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:24.697988: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/BiasAdd' id:1114 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block4_2_conv/Conv2D, conv3_block4_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:25,024 - Quant - INFO - Adding weight quantization op conv3_block4_3_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:25.034946: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/Conv2D' id:1161 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_2_relu/Relu, conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:25,360 - Quant - INFO - Adding weight quantization op conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:25.370659: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/BiasAdd' id:1163 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block4_3_conv/Conv2D, conv3_block4_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:25,695 - Quant - INFO - Adding weight quantization op conv3_block3_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:25.706701: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/Conv2D' id:915 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_out/Relu, conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:26,040 - Quant - INFO - Adding weight quantization op conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:26.051125: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/BiasAdd' id:917 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block3_1_conv/Conv2D, conv3_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:26,384 - Quant - INFO - Adding weight quantization op conv3_block3_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:26.394515: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/Conv2D' id:964 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_1_relu/Relu, conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:26,730 - Quant - INFO - Adding weight quantization op conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:26.742035: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/BiasAdd' id:966 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block3_2_conv/Conv2D, conv3_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:27,077 - Quant - INFO - Adding weight quantization op conv3_block3_3_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:27.088734: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/Conv2D' id:1013 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_2_relu/Relu,

conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:27,419 - Quant - INFO - Adding weight quantization op conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:27.430060: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/BiasAdd' id:1015 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block3_3_conv/Conv2D, conv3_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:27,761 - Quant - INFO - Adding weight quantization op conv3_block2_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:27.771325: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/Conv2D' id:767 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_out/Relu, conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:28,091 - Quant - INFO - Adding weight quantization op conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:28.102049: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/BiasAdd' id:769 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block2_1_conv/Conv2D, conv3_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:28,439 - Quant - INFO - Adding weight quantization op conv3_block2_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:28.451848: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/Conv2D' id:816 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_1_relu/Relu, conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:28,776 - Quant - INFO - Adding weight quantization op conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:28.787673: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/BiasAdd' id:818 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block2_2_conv/Conv2D, conv3_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:29,135 - Quant - INFO - Adding weight quantization op conv3_block2_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:29.146474: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/Conv2D' id:865 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_2_relu/Relu, conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:29,478 - Quant - INFO - Adding weight quantization op conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:29.488600: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/BiasAdd' id:867 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block2_3_conv/Conv2D, conv3_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:29,818 - Quant - INFO - Adding weight quantization op conv3_block1_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:29.829512: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/Conv2D' id:571

op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv2_block3_out/Relu, conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:30,180 - Quant - INFO - Adding weight quantization op conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:30.190663: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/BiasAdd' id:573 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block1_1_conv/Conv2D, conv3_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:30,540 - Quant - INFO - Adding weight quantization op conv3_block1_2_conv/BiasAdd/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:30.551745: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/Conv2D' id:620 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_1_relu/Relu, conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:30,884 - Quant - INFO - Adding weight quantization op conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:30.894516: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/BiasAdd' id:622 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block1_2_conv/Conv2D, conv3_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:31,223 - Quant - INFO - Adding weight quantization op conv3_block1_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:31.234757: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/Conv2D' id:692
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block1_2_relu/Relu,
conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:31,566 - Quant - INFO - Adding weight quantization op
conv2_block3_1_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:31.578045: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/BiasAdd' id:694
op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv3_block1_3_conv/Conv2D,
conv3_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:31,916 - Quant - INFO - Adding weight quantization op
conv2_block3_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:31.927675: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_conv/Conv2D' id:423
op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block2_out/Relu,
conv2_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:32,263 - Quant - INFO - Adding weight quantization op
conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:32.274322: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_conv/BiasAdd' id:425
op device:{requested: '', assigned: ''} def:{{{node
conv2_block3_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv2_block3_1_conv/Conv2D,
conv2_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:32,616 - Quant - INFO - Adding weight quantization op conv2_block3_2_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:32.627752: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/Conv2D' id:472 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_1_relu/Relu, conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:32,964 - Quant - INFO - Adding weight quantization op conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:32.975306: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/BiasAdd' id:474 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block3_2_conv/Conv2D, conv2_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:33,308 - Quant - INFO - Adding weight quantization op conv2_block3_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:33.318849: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/Conv2D' id:521 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_2_relu/Relu, conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:33,652 - Quant - INFO - Adding weight quantization op conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:33.669168: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/BiasAdd' id:523 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block3_3_conv/Conv2D, conv2_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:34,011 - Quant - INFO - Adding weight quantization op conv2_block2_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:34.022793: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_conv/Conv2D' id:275 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_out/Relu, conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:34,364 - Quant - INFO - Adding weight quantization op conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:34.375637: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_conv/BiasAdd' id:277 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block2_1_conv/Conv2D, conv2_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:34,710 - Quant - INFO - Adding weight quantization op conv2_block2_2_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:34.721109: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/Conv2D' id:324 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_1_relu/Relu, conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:35,051 - Quant - INFO - Adding weight quantization op conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:35.061943: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/BiasAdd' id:326 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block2_2_conv/Conv2D,

conv2_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:35,403 - Quant - INFO - Adding weight quantization op conv2_block2_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:35.414558: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/Conv2D' id:373 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_2_relu/Relu, conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized:0}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:35,750 - Quant - INFO - Adding weight quantization op conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:35.761262: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/BiasAdd' id:375 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block2_3_conv/Conv2D, conv2_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:36,096 - Quant - INFO - Adding weight quantization op conv2_block1_1_conv/BiasAdd/ReadVariableOp_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:36.106607: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/Conv2D' id:79 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](pool1_pool/MaxPool, conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized:0}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:36,444 - Quant - INFO - Adding weight quantization op conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:36.455440: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/BiasAdd' id:81 op device:{requested: '', assigned: ''} def:{{{node

conv2_block1_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block1_1_conv/Conv2D, conv2_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:36,814 - Quant - INFO - Adding weight quantization op conv2_block1_2_conv/BiasAdd/ReadVariableOp_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:36.824822: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/Conv2D' id:128 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_1_relu/Relu, conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:37,161 - Quant - INFO - Adding weight quantization op conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:37.171914: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/BiasAdd' id:130 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block1_2_conv/Conv2D, conv2_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:37,514 - Quant - INFO - Adding weight quantization op conv2_block1_3_conv/BiasAdd/ReadVariableOp_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:37.525191: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/Conv2D' id:200 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_2_relu/Relu, conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:37,867 - Quant - INFO - Adding activation quantization op input_1_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:37.880735: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/BiasAdd' id:202
op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_3_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,
data_format="NHWC"](conv2_block1_3_conv/Conv2D,
conv2_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:38,223 - Quant - INFO - Adding activation quantization op
conv1_pad/Pad_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:38.241105: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_pad/Pad' id:6 op
device:{requested: '', assigned: ''} def:{{{node conv1_pad/Pad}}} =
Pad[T=DT_FLOAT, Tpadding=DT_INT32](input_1_quantized:0,
conv1_pad/Pad/paddings))}' was changed by updating input tensor after it was run
by a session. This mutation will have no effect, and will trigger an error in
the future. Either don't modify nodes after running them or create a new
session.

2023-12-14 06:51:38,583 - Quant - INFO - Adding activation quantization op
conv1_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:38.595141: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/Conv2D' id:27 op
device:{requested: '', assigned: ''} def:{{{node conv1_conv/Conv2D}}} =
Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv1_pad/Pad_quantized:0,
conv1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:38,939 - Quant - INFO - Adding activation quantization op
conv1_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:38.950616: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv1_bn/FusedBatchNormV3' id:54 op
device:{requested: '', assigned: ''} def:{{{node conv1_bn/FusedBatchNormV3}}} =
FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05,
exponential_avg_factor=1, is_training=false](conv1_conv/BiasAdd_quantized:0,
conv1_bn/ReadVariableOp, conv1_bn/ReadVariableOp_1,
conv1_bn/FusedBatchNormV3/ReadVariableOp,
conv1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:39,294 - Quant - INFO - Adding activation quantization op conv1_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:39.305048: W tensorflow/c/c_api.cc:349] Operation '{name:'conv1_relu/Relu' id:55 op device:{requested: '', assigned: ''} def:{{{node conv1_relu/Relu}}} = Relu[T=DT_FLOAT](conv1_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:39,655 - Quant - INFO - Adding activation quantization op pool1_pad/Pad_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:39.665950: W tensorflow/c/c_api.cc:349] Operation '{name:'pool1_pad/Pad' id:57 op device:{requested: '', assigned: ''} def:{{{node pool1_pad/Pad}}} = Pad[T=DT_FLOAT, Tpadding=DT_INT32](conv1_relu/Relu_quantized:0, pool1_pad/Pad/paddings)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:40,009 - Quant - INFO - Adding activation quantization op pool1_pool/MaxPool_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:40.020327: W tensorflow/c/c_api.cc:349] Operation '{name:'pool1_pool/MaxPool' id:58 op device:{requested: '', assigned: ''} def:{{{node pool1_pool/MaxPool}}} = MaxPool[T=DT_FLOAT, data_format="NHWC", explicit_paddings=[], ksize=[1, 3, 3, 1], padding="VALID", strides=[1, 2, 2, 1]](pool1_pad/Pad_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:40,371 - Quant - INFO - Adding activation quantization op conv2_block1_0_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:40.382847: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/Conv2D' id:79 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](pool1_pool/MaxPool_quantized:0, conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:40,733 - Quant - INFO - Adding activation quantization op conv2_block1_0_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:40.746358: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_bn/FusedBatchNormV3'
id:227 op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_0_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block1_0_conv/BiasAdd_quantized:0,
conv2_block1_0_bn/ReadVariableOp, conv2_block1_0_bn/ReadVariableOp_1,
conv2_block1_0_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:41,096 - Quant - INFO - Adding activation quantization op
conv2_block1_add/add_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:41.106463: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_add/add' id:253 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block1_0_bn/FusedBatchNormV3_quantized:0,
conv2_block1_3_bn/FusedBatchNormV3)}}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:51:41,453 - Quant - INFO - Adding activation quantization op
conv2_block1_out/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:41.464305: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_out/Relu' id:254 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block1_add/add_quantized:0)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:41,811 - Quant - INFO - Adding activation quantization op
conv2_block2_add/add_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:41.822108: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_add/add' id:401 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block1_out/Relu_quantized:0,
conv2_block2_3_bn/FusedBatchNormV3)}}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:51:42,176 - Quant - INFO - Adding activation quantization op
conv2_block2_out/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:42.188018: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_out/Relu' id:402 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block2_add/add_quantized:0))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:42,550 - Quant - INFO - Adding activation quantization op
conv2_block3_add/add_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:42.561305: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_add/add' id:549 op
device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block2_out/Relu_quantized:0,
conv2_block3_3_bn/FusedBatchNormV3))}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:51:42,918 - Quant - INFO - Adding activation quantization op
conv2_block3_out/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:42.928769: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_out/Relu' id:550 op
device:{requested: '', assigned: ''} def:{{{node conv2_block3_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block3_add/add_quantized:0))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:43,279 - Quant - INFO - Adding activation quantization op
conv3_block1_0_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:43.290218: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/Conv2D' id:571
op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1],
use_cudnn_on_gpu=true](conv2_block3_out/Relu_quantized:0,
conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:43,639 - Quant - INFO - Adding activation quantization op
conv3_block1_0_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:43.651214: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_bn/FusedBatchNormV3'
id:719 op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_0_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,

data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block1_0_conv/BiasAdd_quantized:0, conv3_block1_0_bn/ReadVariableOp, conv3_block1_0_bn/ReadVariableOp_1, conv3_block1_0_bn/FusedBatchNormV3/ReadVariableOp, conv3_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:43,996 - Quant - INFO - Adding activation quantization op conv3_block1_add/add_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:44.007790: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:745 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}} = AddV2[T=DT_FLOAT](conv3_block1_0_bn/FusedBatchNormV3_quantized:0, conv3_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:44,359 - Quant - INFO - Adding activation quantization op conv3_block1_out/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:44.371690: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_out/Relu' id:746 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_out/Relu}} = Relu[T=DT_FLOAT](conv3_block1_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:44,725 - Quant - INFO - Adding activation quantization op conv3_block2_add/add_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:44.736878: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/Conv2D' id:767 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_out/Relu_quantized:0, conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:45,082 - Quant - INFO - Adding activation quantization op conv3_block2_out/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:45.093163: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_out/Relu' id:894 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_out/Relu}} =

Relu[T=DT_FLOAT](conv3_block2_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:45,447 - Quant - INFO - Adding activation quantization op conv3_block3_add/add_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:45.458731: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/Conv2D' id:915 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_out/Relu_quantized:0, conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:45,807 - Quant - INFO - Adding activation quantization op conv3_block3_out/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:45.819612: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_out/Relu' id:1042 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv3_block3_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:46,178 - Quant - INFO - Adding activation quantization op conv3_block4_add/add_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:46.189986: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_add/add' id:1189 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_add/add}}} = AddV2[T=DT_FLOAT](conv3_block3_out/Relu_quantized:0, conv3_block4_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:46,546 - Quant - INFO - Adding activation quantization op conv3_block4_out/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:46.558660: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_out/Relu' id:1190 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_out/Relu}}} = Relu[T=DT_FLOAT](conv3_block4_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:46,908 - Quant - INFO - Adding activation quantization op conv4_block1_0_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:46.921180: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_conv/Conv2D' id:1311 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu_quantized:0, conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:47,276 - Quant - INFO - Adding activation quantization op conv4_block1_0_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:47.287962: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_0_bn/FusedBatchNormV3' id:1371 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block1_0_conv/BiasAdd_quantized:0, conv4_block1_0_bn/ReadVariableOp, conv4_block1_0_bn/ReadVariableOp_1, conv4_block1_0_bn/FusedBatchNormV3/ReadVariableOp, conv4_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:47,643 - Quant - INFO - Adding activation quantization op conv4_block1_add/add_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:47.655787: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1405 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_0_bn/FusedBatchNormV3_quantized:0, conv4_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:48,006 - Quant - INFO - Adding activation quantization op conv4_block1_out/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:48.016784: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_out/Relu' id:1406 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running

them or create a new session.

2023-12-14 06:51:48,378 - Quant - INFO - Adding activation quantization op conv4_block2_add/add_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:48.389731: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1563 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu_quantized:0, conv4_block2_3_bn/FusedBatchNormV3)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:48,748 - Quant - INFO - Adding activation quantization op conv4_block2_out/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:48.758822: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_out/Relu' id:1564 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block2_add/add_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:49,120 - Quant - INFO - Adding activation quantization op conv4_block3_add/add_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:49.131361: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_add/add' id:1721 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_add/add}}} = AddV2[T=DT_FLOAT](conv4_block2_out/Relu_quantized:0, conv4_block3_3_bn/FusedBatchNormV3)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:49,492 - Quant - INFO - Adding activation quantization op conv4_block3_out/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:49.502987: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_out/Relu' id:1722 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block3_add/add_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:49,861 - Quant - INFO - Adding activation quantization op conv4_block4_add/add_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:49.871677: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_add/add' id:1879 op

device:{requested: '', assigned: ''} def:{{{node conv4_block4_add/add}} = AddV2[T=DT_FLOAT](conv4_block3_out/Relu_quantized:0, conv4_block4_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:50,234 - Quant - INFO - Adding activation quantization op conv4_block4_out/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:50.246327: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_out/Relu' id:1880 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_out/Relu}} = Relu[T=DT_FLOAT](conv4_block4_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:50,613 - Quant - INFO - Adding activation quantization op conv4_block5_add/add_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:50.624090: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/Conv2D' id:1901 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_out/Relu_quantized:0, conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:50,980 - Quant - INFO - Adding activation quantization op conv4_block5_out/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:50.990671: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_out/Relu' id:2038 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_out/Relu}} = Relu[T=DT_FLOAT](conv4_block5_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:51,352 - Quant - INFO - Adding activation quantization op conv4_block6_add/add_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:51.363501: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_add/add' id:2195 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_add/add}} = AddV2[T=DT_FLOAT](conv4_block5_out/Relu_quantized:0, conv4_block6_3_bn/FusedBatchNormV3)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will

trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:51,727 - Quant - INFO - Adding activation quantization op conv4_block6_out/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:51.739091: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_out/Relu' id:2196 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block6_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:52,112 - Quant - INFO - Adding activation quantization op conv5_block1_0_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:52.124144: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_conv/Conv2D' id:2317 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv4_block6_out/Relu_quantized:0, conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:52,503 - Quant - INFO - Adding activation quantization op conv5_block1_0_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:52.514568: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_0_bn/FusedBatchNormV3' id:2377 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block1_0_conv/BiasAdd_quantized:0, conv5_block1_0_bn/ReadVariableOp, conv5_block1_0_bn/ReadVariableOp_1, conv5_block1_0_bn/FusedBatchNormV3/ReadVariableOp, conv5_block1_0_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:52,898 - Quant - INFO - Adding activation quantization op conv5_block1_add/add_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:52.909908: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_add/add' id:2411 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_0_bn/FusedBatchNormV3_quantized:0, conv5_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor

after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:53,289 - Quant - INFO - Adding activation quantization op conv5_block1_out/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:53.299682: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_out/Relu' id:2412 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block1_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:53,678 - Quant - INFO - Adding activation quantization op conv5_block2_add/add_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:53.689046: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_add/add' id:2569 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_out/Relu_quantized:0, conv5_block2_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:54,070 - Quant - INFO - Adding activation quantization op conv5_block2_out/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:54.081942: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_out/Relu' id:2570 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:54,471 - Quant - INFO - Adding activation quantization op conv5_block3_add/add_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:54.482934: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2727 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_add/add}}} = AddV2[T=DT_FLOAT](conv5_block2_out/Relu_quantized:0, conv5_block3_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:54,855 - Quant - INFO - Adding activation quantization op conv5_block3_out/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:54.866845: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_out/Relu' id:2728 op
device:{requested: '', assigned: ''} def:{{{node conv5_block3_out/Relu}}} =
Relu[T=DT_FLOAT](conv5_block3_add/add_quantized:0))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:55,245 - Quant - INFO - Adding activation quantization op
global_average_pooling2d/Mean_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:55.256329: W
tensorflow/c/c_api.cc:349] Operation '{name:'global_average_pooling2d/Mean'
id:2730 op device:{requested: '', assigned: ''} def:{{{node
global_average_pooling2d/Mean}}} = Mean[T=DT_FLOAT, Tidx=DT_INT32,
keep_dims=false](conv5_block3_out/Relu_quantized:0,
global_average_pooling2d/Mean/reduction_indices))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:55,626 - Quant - INFO - Adding activation quantization op
dense/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:55.638042: W
tensorflow/c/c_api.cc:349] Operation '{name:'dense/MatMul' id:2751 op
device:{requested: '', assigned: ''} def:{{{node dense/MatMul}}} =
MatMul[T=DT_FLOAT, transpose_a=false,
transpose_b=false](global_average_pooling2d/Mean_quantized:0,
dense/MatMul/ReadVariableOp_quantized:0))}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 06:51:56,009 - Quant - INFO - Adding activation quantization op
dense/Softmax_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:56.020175: W
tensorflow/c/c_api.cc:349] Operation
'{name:'loss/dense_loss/softmax_cross_entropy_with_logits/Shape_1' id:4070 op
device:{requested: '', assigned: ''} def:{{{node
loss/dense_loss/softmax_cross_entropy_with_logits/Shape_1}}} = Shape[T=DT_FLOAT,
out_type=DT_INT32](dense/BiasAdd_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:56,397 - Quant - INFO - Adding activation quantization op
conv5_block3_1_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:56.408029: W
tensorflow/c/c_api.cc:349] Operation '{name:'metrics/accuracy/ArgMax_1' id:4051

op device:{requested: '', assigned: ''} def:{{{node metrics/accuracy/ArgMax_1}} = ArgMax[T=DT_FLOAT, Tidx=DT_INT32, output_type=DT_INT64](dense/Softmax_quantized:0, metrics/accuracy/ArgMax_1/dimension)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:56,781 - Quant - INFO - Adding activation quantization op conv5_block3_1_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:56.791832: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_bn/FusedBatchNormV3' id:2618 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block3_1_conv/BiasAdd_quantized:0, conv5_block3_1_bn/ReadVariableOp, conv5_block3_1_bn/ReadVariableOp_1, conv5_block3_1_bn/FusedBatchNormV3/ReadVariableOp, conv5_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:57,170 - Quant - INFO - Adding activation quantization op conv5_block3_1_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:57.189744: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_relu/Relu' id:2619 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_relu/Relu}} = Relu[T=DT_FLOAT](conv5_block3_1_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:57,572 - Quant - INFO - Adding activation quantization op conv5_block3_2_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:57.583281: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/Conv2D' id:2640 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_1_relu/Relu_quantized:0, conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:57,962 - Quant - INFO - Adding activation quantization op conv5_block3_2_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:57.973036: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_bn/FusedBatchNormV3'
id:2667 op device:{requested: '', assigned: ''} def:{{{node
conv5_block3_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block3_2_conv/BiasAdd_quantized:0,
conv5_block3_2_bn/ReadVariableOp, conv5_block3_2_bn/ReadVariableOp_1,
conv5_block3_2_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:51:58,359 - Quant - INFO - Adding activation quantization op
conv5_block3_2_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:51:58.370267: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_relu/Relu' id:2668
op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv5_block3_2_bn/FusedBatchNormV3_quantized:0)}}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:51:58,744 - Quant - INFO - Adding activation quantization op
conv5_block3_3_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:58.755554: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/Conv2D' id:2691
op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block3_2_relu/Relu_quantized:0,
conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:51:59,141 - Quant - INFO - Adding activation quantization op
conv5_block3_3_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:51:59.152242: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_bn/FusedBatchNormV3'
id:2726 op device:{requested: '', assigned: ''} def:{{{node
conv5_block3_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block3_3_conv/BiasAdd_quantized:0,
conv5_block3_3_bn/ReadVariableOp, conv5_block3_3_bn/ReadVariableOp_1,
conv5_block3_3_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,

and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:59,532 - Quant - INFO - Adding activation quantization op conv5_block2_1_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:51:59.543446: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2727 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_add/add}} = AddV2[T=DT_FLOAT](conv5_block2_out/Relu_quantized:0, conv5_block3_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:51:59,926 - Quant - INFO - Adding activation quantization op conv5_block2_1_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:51:59.937672: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_bn/FusedBatchNormV3' id:2460 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block2_1_conv/BiasAdd_quantized:0, conv5_block2_1_bn/ReadVariableOp, conv5_block2_1_bn/ReadVariableOp_1, conv5_block2_1_bn/FusedBatchNormV3/ReadVariableOp, conv5_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:00,319 - Quant - INFO - Adding activation quantization op conv5_block2_1_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:00.329492: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_relu/Relu' id:2461 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_relu/Relu}} = Relu[T=DT_FLOAT](conv5_block2_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:00,719 - Quant - INFO - Adding activation quantization op conv5_block2_2_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:00.730232: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/Conv2D' id:2482 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_1_relu/Relu_quantized:0, conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by

updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:01,116 - Quant - INFO - Adding activation quantization op conv5_block2_2_bn/FusedBatchNormV3_quantized

```
| Activation Quantization Sensitivity2023-12-14 06:52:01.129860: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_bn/FusedBatchNormV3'
id:2509 op device:{requested: '', assigned: ''} def:{{{node
conv5_block2_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block2_2_conv/BiasAdd_quantized:0,
conv5_block2_2_bn/ReadVariableOp, conv5_block2_2_bn/ReadVariableOp_1,
conv5_block2_2_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 06:52:01,528 - Quant - INFO - Adding activation quantization op conv5_block2_2_relu/Relu_quantized

```
/ Activation Quantization Sensitivity2023-12-14 06:52:01.539810: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_relu/Relu' id:2510
op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block2_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.
```

2023-12-14 06:52:01,927 - Quant - INFO - Adding activation quantization op conv5_block2_3_conv/BiasAdd_quantized

```
- Activation Quantization Sensitivity2023-12-14 06:52:01.939550: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/Conv2D' id:2533
op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block2_2_relu/Relu_quantized:0,
conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 06:52:02,339 - Quant - INFO - Adding activation quantization op conv5_block2_3_bn/FusedBatchNormV3_quantized

```
\ Activation Quantization Sensitivity2023-12-14 06:52:02.350893: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_bn/FusedBatchNormV3'
id:2568 op device:{requested: '', assigned: ''} def:{{{node
conv5_block2_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
```

data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block2_3_conv/BiasAdd_quantized:0, conv5_block2_3_bn/ReadVariableOp, conv5_block2_3_bn/ReadVariableOp_1, conv5_block2_3_bn/FusedBatchNormV3/ReadVariableOp, conv5_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:02,747 - Quant - INFO - Adding activation quantization op conv5_block1_1_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:02.763411: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_add/add' id:2569 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_add/add}} = AddV2[T=DT_FLOAT](conv5_block1_out/Relu_quantized:0, conv5_block2_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:03,154 - Quant - INFO - Adding activation quantization op conv5_block1_1_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:03.164944: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_bn/FusedBatchNormV3' id:2244 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block1_1_conv/BiasAdd_quantized:0, conv5_block1_1_bn/ReadVariableOp, conv5_block1_1_bn/ReadVariableOp_1, conv5_block1_1_bn/FusedBatchNormV3/ReadVariableOp, conv5_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:03,552 - Quant - INFO - Adding activation quantization op conv5_block1_1_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:03.563598: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_relu/Relu' id:2245 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_relu/Relu}} = Relu[T=DT_FLOAT](conv5_block1_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:03,950 - Quant - INFO - Adding activation quantization op conv5_block1_2_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:03.961228: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/Conv2D' id:2266
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_1_relu/Relu_quantized:0,
conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:04,356 - Quant - INFO - Adding activation quantization op
conv5_block1_2_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:04.367493: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_bn/FusedBatchNormV3'
id:2293 op device:{requested: '', assigned: ''} def:{{{node
conv5_block1_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv5_block1_2_conv/BiasAdd_quantized:0,
conv5_block1_2_bn/ReadVariableOp, conv5_block1_2_bn/ReadVariableOp_1,
conv5_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv5_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:04,764 - Quant - INFO - Adding activation quantization op
conv5_block1_2_relu/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:04.775547: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_relu/Relu' id:2294
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv5_block1_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:05,178 - Quant - INFO - Adding activation quantization op
conv5_block1_3_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:05.191556: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/Conv2D' id:2342
op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_2_relu/Relu_quantized:0,
conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:05,618 - Quant - INFO - Adding activation quantization op conv5_block1_3_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:05.629022: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_bn/FusedBatchNormV3' id:2410 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv5_block1_3_conv/BiasAdd_quantized:0, conv5_block1_3_bn/ReadVariableOp, conv5_block1_3_bn/ReadVariableOp_1, conv5_block1_3_bn/FusedBatchNormV3/ReadVariableOp, conv5_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:06,036 - Quant - INFO - Adding activation quantization op conv4_block6_1_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:06.047467: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_add/add' id:2411 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_add/add}} = AddV2[T=DT_FLOAT](conv5_block1_0_bn/FusedBatchNormV3_quantized:0, conv5_block1_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:06,438 - Quant - INFO - Adding activation quantization op conv4_block6_1_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:06.448593: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_bn/FusedBatchNormV3' id:2086 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block6_1_conv/BiasAdd_quantized:0, conv4_block6_1_bn/ReadVariableOp, conv4_block6_1_bn/ReadVariableOp_1, conv4_block6_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block6_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:06,856 - Quant - INFO - Adding activation quantization op conv4_block6_1_relu/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:06.869720: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_relu/Relu' id:2087 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block6_1_bn/FusedBatchNormV3_quantized:0)}}' was changed

by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:07,271 - Quant - INFO - Adding activation quantization op conv4_block6_2_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:07.283352: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/Conv2D' id:2108 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_1_relu/Relu_quantized:0, conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:07,679 - Quant - INFO - Adding activation quantization op conv4_block6_2_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:07.699494: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_bn/FusedBatchNormV3' id:2135 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block6_2_conv/BiasAdd_quantized:0, conv4_block6_2_bn/ReadVariableOp, conv4_block6_2_bn/ReadVariableOp_1, conv4_block6_2_bn/FusedBatchNormV3/ReadVariableOp, conv4_block6_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:08,099 - Quant - INFO - Adding activation quantization op conv4_block6_2_relu/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:08.110155: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_relu/Relu' id:2136 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block6_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:08,508 - Quant - INFO - Adding activation quantization op conv4_block6_3_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:08.518607: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/Conv2D' id:2159 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],

explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_2_relu/Relu_quantized:0, conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:08,919 - Quant - INFO - Adding activation quantization op conv4_block6_3_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:08.933418: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_bn/FusedBatchNormV3' id:2194 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block6_3_conv/BiasAdd_quantized:0, conv4_block6_3_bn/ReadVariableOp, conv4_block6_3_bn/ReadVariableOp_1, conv4_block6_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block6_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:09,341 - Quant - INFO - Adding activation quantization op conv4_block5_1_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:09.353058: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_add/add' id:2195 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_add/add}}} = AddV2[T=DT_FLOAT](conv4_block5_out/Relu_quantized:0, conv4_block6_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:09,752 - Quant - INFO - Adding activation quantization op conv4_block5_1_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:09.762979: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_bn/FusedBatchNormV3' id:1928 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block5_1_conv/BiasAdd_quantized:0, conv4_block5_1_bn/ReadVariableOp, conv4_block5_1_bn/ReadVariableOp_1, conv4_block5_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block5_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:10,158 - Quant - INFO - Adding activation quantization op conv4_block5_1_relu/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:10.170621: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_relu/Relu' id:1929 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block5_1_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:10,565 - Quant - INFO - Adding activation quantization op conv4_block5_2_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:10.576787: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/Conv2D' id:1950 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_1_relu/Relu_quantized:0, conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:10,975 - Quant - INFO - Adding activation quantization op conv4_block5_2_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:10.987219: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_bn/FusedBatchNormV3' id:1977 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block5_2_conv/BiasAdd_quantized:0, conv4_block5_2_bn/ReadVariableOp, conv4_block5_2_bn/ReadVariableOp_1, conv4_block5_2_bn/FusedBatchNormV3/ReadVariableOp, conv4_block5_2_bn/FusedBatchNormV3/ReadVariableOp_1)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:11,389 - Quant - INFO - Adding activation quantization op conv4_block5_2_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:11.404498: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_relu/Relu' id:1978 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block5_2_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:11,802 - Quant - INFO - Adding activation quantization op conv4_block5_3_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:11.813999: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/Conv2D' id:2001 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block5_2_relu/Relu_quantized:0, conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:12,208 - Quant - INFO - Adding activation quantization op conv4_block5_3_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:12.218131: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_bn/FusedBatchNormV3' id:2036 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block5_3_conv/BiasAdd_quantized:0, conv4_block5_3_bn/ReadVariableOp, conv4_block5_3_bn/ReadVariableOp_1, conv4_block5_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block5_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:12,625 - Quant - INFO - Adding activation quantization op conv4_block4_1_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:12.636177: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_add/add' id:2037 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_add/add}} = AddV2[T=DT_FLOAT](conv4_block4_out/Relu_quantized:0, conv4_block5_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:13,038 - Quant - INFO - Adding activation quantization op conv4_block4_1_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:13.049386: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_bn/FusedBatchNormV3' id:1770 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block4_1_conv/BiasAdd_quantized:0,

conv4_block4_1_bn/ReadVariableOp, conv4_block4_1_bn/ReadVariableOp_1,
conv4_block4_1_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block4_1_bn/FusedBatchNormV3/ReadVariableOp_1)))' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:13,453 - Quant - INFO - Adding activation quantization op
conv4_block4_1_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:13.464365: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_relu/Relu' id:1771
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block4_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:13,867 - Quant - INFO - Adding activation quantization op
conv4_block4_2_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:13.877739: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/Conv2D' id:1792
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/Conv2D}} =
Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block4_1_relu/Relu_quantized:0,
conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:14,279 - Quant - INFO - Adding activation quantization op
conv4_block4_2_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:14.290996: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_bn/FusedBatchNormV3'
id:1819 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block4_2_conv/BiasAdd_quantized:0,
conv4_block4_2_bn/ReadVariableOp, conv4_block4_2_bn/ReadVariableOp_1,
conv4_block4_2_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block4_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:14,695 - Quant - INFO - Adding activation quantization op
conv4_block4_2_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:14.706059: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_relu/Relu' id:1820
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block4_2_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:15,103 - Quant - INFO - Adding activation quantization op
conv4_block4_3_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:15.114112: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/Conv2D' id:1843
op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block4_2_relu/Relu_quantized:0,
conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:15,519 - Quant - INFO - Adding activation quantization op
conv4_block4_3_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:15.530155: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_bn/FusedBatchNormV3'
id:1878 op device:{requested: '', assigned: ''} def:{{{node
conv4_block4_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block4_3_conv/BiasAdd_quantized:0,
conv4_block4_3_bn/ReadVariableOp, conv4_block4_3_bn/ReadVariableOp_1,
conv4_block4_3_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block4_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:15,931 - Quant - INFO - Adding activation quantization op
conv4_block3_1_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:15.941810: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_add/add' id:1879 op
device:{requested: '', assigned: ''} def:{{{node conv4_block4_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block3_out/Relu_quantized:0,
conv4_block4_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:16,348 - Quant - INFO - Adding activation quantization op

conv4_block3_1_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:16.358503: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_bn/FusedBatchNormV3'
id:1612 op device:{requested: '', assigned: ''} def:{{{node
conv4_block3_1_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block3_1_conv/BiasAdd_quantized:0,
conv4_block3_1_bn/ReadVariableOp, conv4_block3_1_bn/ReadVariableOp_1,
conv4_block3_1_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:16,763 - Quant - INFO - Adding activation quantization op
conv4_block3_1_relu/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:16.773802: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_relu/Relu' id:1613
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block3_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:17,180 - Quant - INFO - Adding activation quantization op
conv4_block3_2_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:17.190890: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/Conv2D' id:1634
op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block3_1_relu/Relu_quantized:0,
conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:17,597 - Quant - INFO - Adding activation quantization op
conv4_block3_2_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:17.608103: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_bn/FusedBatchNormV3'
id:1661 op device:{requested: '', assigned: ''} def:{{{node
conv4_block3_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block3_2_conv/BiasAdd_quantized:0,
conv4_block3_2_bn/ReadVariableOp, conv4_block3_2_bn/ReadVariableOp_1,
conv4_block3_2_bn/FusedBatchNormV3/ReadVariableOp,

conv4_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:18,014 - Quant - INFO - Adding activation quantization op conv4_block3_2_relu/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:18.025218: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_relu/Relu' id:1662 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block3_2_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:18,435 - Quant - INFO - Adding activation quantization op conv4_block3_3_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:18.446228: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/Conv2D' id:1685 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_2_relu/Relu_quantized:0, conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:18,854 - Quant - INFO - Adding activation quantization op conv4_block3_3_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:18.865365: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_bn/FusedBatchNormV3' id:1720 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block3_3_conv/BiasAdd_quantized:0, conv4_block3_3_bn/ReadVariableOp, conv4_block3_3_bn/ReadVariableOp_1, conv4_block3_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:19,280 - Quant - INFO - Adding activation quantization op conv4_block2_1_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:19.295878: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_add/add' id:1721 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_add/add}} =

AddV2[T=DT_FLOAT](conv4_block2_out/Relu_quantized:0, conv4_block3_3_bn/FusedBatchNormV3_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:19,714 - Quant - INFO - Adding activation quantization op conv4_block2_1_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:19.725258: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_bn/FusedBatchNormV3' id:1454 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block2_1_conv/BiasAdd_quantized:0, conv4_block2_1_bn/ReadVariableOp, conv4_block2_1_bn/ReadVariableOp_1, conv4_block2_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:20,136 - Quant - INFO - Adding activation quantization op conv4_block2_1_relu/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:20.147483: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_relu/Relu' id:1455 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block2_1_bn/FusedBatchNormV3_quantized:0)}}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:20,562 - Quant - INFO - Adding activation quantization op conv4_block2_2_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:20.572456: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/Conv2D' id:1476 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_1_relu/Relu_quantized:0, conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:20,976 - Quant - INFO - Adding activation quantization op conv4_block2_2_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:20.987950: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_bn/FusedBatchNormV3'

id:1503 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block2_2_conv/BiasAdd_quantized:0, conv4_block2_2_bn/ReadVariableOp, conv4_block2_2_bn/ReadVariableOp_1, conv4_block2_2_bn/FusedBatchNormV3/ReadVariableOp, conv4_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:21,402 - Quant - INFO - Adding activation quantization op conv4_block2_2_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:21.414190: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_relu/Relu' id:1504 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block2_2_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:21,825 - Quant - INFO - Adding activation quantization op conv4_block2_3_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:21.836061: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/Conv2D' id:1527 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_2_relu/Relu_quantized:0, conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:22,255 - Quant - INFO - Adding activation quantization op conv4_block2_3_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:22.266846: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_bn/FusedBatchNormV3' id:1562 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block2_3_conv/BiasAdd_quantized:0, conv4_block2_3_bn/ReadVariableOp, conv4_block2_3_bn/ReadVariableOp_1, conv4_block2_3_bn/FusedBatchNormV3/ReadVariableOp, conv4_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:22,683 - Quant - INFO - Adding activation quantization op conv4_block1_1_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:22.699075: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1563 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu_quantized:0, conv4_block2_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:23,110 - Quant - INFO - Adding activation quantization op conv4_block1_1_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:23.121187: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_bn/FusedBatchNormV3' id:1238 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv4_block1_1_conv/BiasAdd_quantized:0, conv4_block1_1_bn/ReadVariableOp, conv4_block1_1_bn/ReadVariableOp_1, conv4_block1_1_bn/FusedBatchNormV3/ReadVariableOp, conv4_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:23,539 - Quant - INFO - Adding activation quantization op conv4_block1_1_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:23.550793: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_relu/Relu' id:1239 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block1_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:23,962 - Quant - INFO - Adding activation quantization op conv4_block1_2_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:23.973493: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/Conv2D' id:1260 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_1_relu/Relu_quantized:0, conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after

running them or create a new session.

2023-12-14 06:52:24,392 - Quant - INFO - Adding activation quantization op conv4_block1_2_bn/FusedBatchNormV3_quantized

```
\ Activation Quantization Sensitivity2023-12-14 06:52:24.403107: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_bn/FusedBatchNormV3'
id:1287 op device:{requested: '', assigned: ''} def:{{{node
conv4_block1_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block1_2_conv/BiasAdd_quantized:0,
conv4_block1_2_bn/ReadVariableOp, conv4_block1_2_bn/ReadVariableOp_1,
conv4_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 06:52:24,824 - Quant - INFO - Adding activation quantization op conv4_block1_2_relu/Relu_quantized

```
| Activation Quantization Sensitivity2023-12-14 06:52:24.834875: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_relu/Relu' id:1288
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block1_2_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.
```

2023-12-14 06:52:25,256 - Quant - INFO - Adding activation quantization op conv4_block1_3_conv/BiasAdd_quantized

```
/ Activation Quantization Sensitivity2023-12-14 06:52:25.267645: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/Conv2D' id:1336
op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block1_2_relu/Relu_quantized:0,
conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 06:52:25,684 - Quant - INFO - Adding activation quantization op conv4_block1_3_bn/FusedBatchNormV3_quantized

```
/ Activation Quantization Sensitivity2023-12-14 06:52:25.695688: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_bn/FusedBatchNormV3'
id:1404 op device:{requested: '', assigned: ''} def:{{{node
conv4_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv4_block1_3_conv/BiasAdd_quantized:0,
```

conv4_block1_3_bn/ReadVariableOp, conv4_block1_3_bn/ReadVariableOp_1,
conv4_block1_3_bn/FusedBatchNormV3/ReadVariableOp,
conv4_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:26,112 - Quant - INFO - Adding activation quantization op
conv3_block4_1_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:26.124250: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1405 op
device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}} =
AddV2[T=DT_FLOAT](conv4_block1_0_bn/FusedBatchNormV3_quantized:0,
conv4_block1_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:26,552 - Quant - INFO - Adding activation quantization op
conv3_block4_1_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:26.563676: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_bn/FusedBatchNormV3'
id:1090 op device:{requested: '', assigned: ''} def:{{{node
conv3_block4_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block4_1_conv/BiasAdd_quantized:0,
conv3_block4_1_bn/ReadVariableOp, conv3_block4_1_bn/ReadVariableOp_1,
conv3_block4_1_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block4_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:26,982 - Quant - INFO - Adding activation quantization op
conv3_block4_1_relu/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:26.993836: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_relu/Relu' id:1091
op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv3_block4_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:27,420 - Quant - INFO - Adding activation quantization op
conv3_block4_2_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:27.431158: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/Conv2D' id:1112
op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/Conv2D}}}

= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_1_relu/Relu_quantized:0, conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:27,853 - Quant - INFO - Adding activation quantization op conv3_block4_2_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:27.864338: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_bn/FusedBatchNormV3' id:1139 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block4_2_conv/BiasAdd_quantized:0, conv3_block4_2_bn/ReadVariableOp, conv3_block4_2_bn/ReadVariableOp_1, conv3_block4_2_bn/FusedBatchNormV3/ReadVariableOp, conv3_block4_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:28,296 - Quant - INFO - Adding activation quantization op conv3_block4_2_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:28.307336: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_relu/Relu' id:1140 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_relu/Relu}} = Relu[T=DT_FLOAT](conv3_block4_2_bn/FusedBatchNormV3_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:28,731 - Quant - INFO - Adding activation quantization op conv3_block4_3_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:28.743213: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/Conv2D' id:1161 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_2_relu/Relu_quantized:0, conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}

' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:29,172 - Quant - INFO - Adding activation quantization op conv3_block4_3_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:29.182937: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_bn/FusedBatchNormV3'
id:1188 op device:{requested: '', assigned: ''} def:{{{node
conv3_block4_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block4_3_conv/BiasAdd_quantized:0,
conv3_block4_3_bn/ReadVariableOp, conv3_block4_3_bn/ReadVariableOp_1,
conv3_block4_3_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block4_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:29,611 - Quant - INFO - Adding activation quantization op
conv3_block3_1_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:29.755323: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_add/add' id:1189 op
device:{requested: '', assigned: ''} def:{{{node conv3_block4_add/add}} =
AddV2[T=DT_FLOAT](conv3_block3_out/Relu_quantized:0,
conv3_block4_3_bn/FusedBatchNormV3_quantized:0)}}}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:30,179 - Quant - INFO - Adding activation quantization op
conv3_block3_1_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:30.191136: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_bn/FusedBatchNormV3'
id:942 op device:{requested: '', assigned: ''} def:{{{node
conv3_block3_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block3_1_conv/BiasAdd_quantized:0,
conv3_block3_1_bn/ReadVariableOp, conv3_block3_1_bn/ReadVariableOp_1,
conv3_block3_1_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:30,627 - Quant - INFO - Adding activation quantization op
conv3_block3_1_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:30.638609: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_relu/Relu' id:943 op
device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv3_block3_1_bn/FusedBatchNormV3_quantized:0)}}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:31,076 - Quant - INFO - Adding activation quantization op conv3_block3_2_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:31.087913: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/Conv2D' id:964 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_1_relu/Relu_quantized:0, conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:31,527 - Quant - INFO - Adding activation quantization op conv3_block3_2_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:31.539157: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_bn/FusedBatchNormV3' id:991 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block3_2_conv/BiasAdd_quantized:0, conv3_block3_2_bn/ReadVariableOp, conv3_block3_2_bn/ReadVariableOp_1, conv3_block3_2_bn/FusedBatchNormV3/ReadVariableOp, conv3_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:32,008 - Quant - INFO - Adding activation quantization op conv3_block3_2_relu/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:32.019295: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_relu/Relu' id:992 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_relu/Relu}} = Relu[T=DT_FLOAT](conv3_block3_2_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:32,480 - Quant - INFO - Adding activation quantization op conv3_block3_3_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:32.494707: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/Conv2D' id:1013 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_2_relu/Relu_quantized:0, conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by

updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:32,953 - Quant - INFO - Adding activation quantization op conv3_block3_3_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:32.965828: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_bn/FusedBatchNormV3' id:1040 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block3_3_conv/BiasAdd_quantized:0, conv3_block3_3_bn/ReadVariableOp, conv3_block3_3_bn/ReadVariableOp_1, conv3_block3_3_bn/FusedBatchNormV3/ReadVariableOp, conv3_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:33,400 - Quant - INFO - Adding activation quantization op conv3_block2_1_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:33.411198: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_add/add' id:1041 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_add/add}} = AddV2[T=DT_FLOAT](conv3_block2_out/Relu_quantized:0, conv3_block3_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:33,876 - Quant - INFO - Adding activation quantization op conv3_block2_1_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:33.886165: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_bn/FusedBatchNormV3' id:794 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block2_1_conv/BiasAdd_quantized:0, conv3_block2_1_bn/ReadVariableOp, conv3_block2_1_bn/ReadVariableOp_1, conv3_block2_1_bn/FusedBatchNormV3/ReadVariableOp, conv3_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:34,325 - Quant - INFO - Adding activation quantization op conv3_block2_1_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:34.336111: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_relu/Relu' id:795 op
device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block2_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:34,779 - Quant - INFO - Adding activation quantization op
conv3_block2_2_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:34.790658: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/Conv2D' id:816
op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/Conv2D}}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block2_1_relu/Relu_quantized:0,
conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:35,225 - Quant - INFO - Adding activation quantization op
conv3_block2_2_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:35.238049: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_bn/FusedBatchNormV3'
id:843 op device:{requested: '', assigned: ''} def:{{{node
conv3_block2_2_bn/FusedBatchNormV3}}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block2_2_conv/BiasAdd_quantized:0,
conv3_block2_2_bn/ReadVariableOp, conv3_block2_2_bn/ReadVariableOp_1,
conv3_block2_2_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:35,683 - Quant - INFO - Adding activation quantization op
conv3_block2_2_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:35.693735: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_relu/Relu' id:844 op
device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block2_2_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:36,128 - Quant - INFO - Adding activation quantization op
conv3_block2_3_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:36.139517: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/Conv2D' id:865
op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block2_2_relu/Relu_quantized:0,
conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:36,579 - Quant - INFO - Adding activation quantization op
conv3_block2_3_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:36.595238: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_bn/FusedBatchNormV3'
id:892 op device:{requested: '', assigned: ''} def:{{{node
conv3_block2_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block2_3_conv/BiasAdd_quantized:0,
conv3_block2_3_bn/ReadVariableOp, conv3_block2_3_bn/ReadVariableOp_1,
conv3_block2_3_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:37,047 - Quant - INFO - Adding activation quantization op
conv3_block1_1_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:37.058505: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_add/add' id:893 op
device:{requested: '', assigned: ''} def:{{{node conv3_block2_add/add}} =
AddV2[T=DT_FLOAT](conv3_block1_out/Relu_quantized:0,
conv3_block2_3_bn/FusedBatchNormV3_quantized:0)}}}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:37,550 - Quant - INFO - Adding activation quantization op
conv3_block1_1_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:37.561578: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_bn/FusedBatchNormV3'
id:598 op device:{requested: '', assigned: ''} def:{{{node
conv3_block1_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv3_block1_1_conv/BiasAdd_quantized:0,
conv3_block1_1_bn/ReadVariableOp, conv3_block1_1_bn/ReadVariableOp_1,
conv3_block1_1_bn/FusedBatchNormV3/ReadVariableOp,
conv3_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating

input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:38,005 - Quant - INFO - Adding activation quantization op conv3_block1_1_relu/Relu_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:38.016380: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_relu/Relu' id:599 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_relu/Relu}} = Relu[T=DT_FLOAT](conv3_block1_1_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:38,467 - Quant - INFO - Adding activation quantization op conv3_block1_2_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:38.477751: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/Conv2D' id:620 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_1_relu/Relu_quantized:0, conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:38,915 - Quant - INFO - Adding activation quantization op conv3_block1_2_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:38.925816: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_bn/FusedBatchNormV3' id:647 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block1_2_conv/BiasAdd_quantized:0, conv3_block1_2_bn/ReadVariableOp, conv3_block1_2_bn/ReadVariableOp_1, conv3_block1_2_bn/FusedBatchNormV3/ReadVariableOp, conv3_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:39,384 - Quant - INFO - Adding activation quantization op conv3_block1_2_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:39.395423: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_relu/Relu' id:648 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_relu/Relu}} = Relu[T=DT_FLOAT](conv3_block1_2_bn/FusedBatchNormV3_quantized:0)}' was changed

by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:39,839 - Quant - INFO - Adding activation quantization op conv3_block1_3_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:39.850270: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/Conv2D' id:692 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_2_relu/Relu_quantized:0, conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:40,294 - Quant - INFO - Adding activation quantization op conv3_block1_3_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:40.305500: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_bn/FusedBatchNormV3' id:744 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv3_block1_3_conv/BiasAdd_quantized:0, conv3_block1_3_bn/ReadVariableOp, conv3_block1_3_bn/ReadVariableOp_1, conv3_block1_3_bn/FusedBatchNormV3/ReadVariableOp, conv3_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:40,744 - Quant - INFO - Adding activation quantization op conv2_block3_1_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:40.755606: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:745 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}} = AddV2[T=DT_FLOAT](conv3_block1_0_bn/FusedBatchNormV3_quantized:0, conv3_block1_3_bn/FusedBatchNormV3_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:41,195 - Quant - INFO - Adding activation quantization op conv2_block3_1_bn/FusedBatchNormV3_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:41.206145: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_bn/FusedBatchNormV3' id:450 op device:{requested: '', assigned: ''} def:{{{node

conv2_block3_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block3_1_conv/BiasAdd_quantized:0, conv2_block3_1_bn/ReadVariableOp, conv2_block3_1_bn/ReadVariableOp_1, conv2_block3_1_bn/FusedBatchNormV3/ReadVariableOp, conv2_block3_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:41,648 - Quant - INFO - Adding activation quantization op conv2_block3_1_relu/Relu_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:41.659123: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_relu/Relu' id:451 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block3_1_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:42,105 - Quant - INFO - Adding activation quantization op conv2_block3_2_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:42.115610: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/Conv2D' id:472 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_1_relu/Relu_quantized:0, conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:42,563 - Quant - INFO - Adding activation quantization op conv2_block3_2_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:42.573225: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_bn/FusedBatchNormV3' id:499 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block3_2_conv/BiasAdd_quantized:0, conv2_block3_2_bn/ReadVariableOp, conv2_block3_2_bn/ReadVariableOp_1, conv2_block3_2_bn/FusedBatchNormV3/ReadVariableOp, conv2_block3_2_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:43,017 - Quant - INFO - Adding activation quantization op conv2_block3_2_relu/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:43.028539: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_relu/Relu' id:500 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block3_2_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:43,476 - Quant - INFO - Adding activation quantization op conv2_block3_3_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:43.487378: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/Conv2D' id:521 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_2_relu/Relu_quantized:0, conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:43,936 - Quant - INFO - Adding activation quantization op conv2_block3_3_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:43.954882: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_bn/FusedBatchNormV3' id:548 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT, data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1, is_training=false](conv2_block3_3_conv/BiasAdd_quantized:0, conv2_block3_3_bn/ReadVariableOp, conv2_block3_3_bn/ReadVariableOp_1, conv2_block3_3_bn/FusedBatchNormV3/ReadVariableOp, conv2_block3_3_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:52:44,408 - Quant - INFO - Adding activation quantization op conv2_block2_1_conv/BiasAdd_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:44.419351: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_add/add' id:549 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}} = AddV2[T=DT_FLOAT](conv2_block2_out/Relu_quantized:0, conv2_block3_3_bn/FusedBatchNormV3_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running

them or create a new session.

2023-12-14 06:52:44,869 - Quant - INFO - Adding activation quantization op conv2_block2_1_bn/FusedBatchNormV3_quantized

```
| Activation Quantization Sensitivity2023-12-14 06:52:44.880839: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_bn/FusedBatchNormV3'
id:302 op device:{requested: '', assigned: ''} def:{{{node
conv2_block2_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block2_1_conv/BiasAdd_quantized:0,
conv2_block2_1_bn/ReadVariableOp, conv2_block2_1_bn/ReadVariableOp_1,
conv2_block2_1_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block2_1_bn/FusedBatchNormV3/ReadVariableOp_1)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 06:52:45,338 - Quant - INFO - Adding activation quantization op conv2_block2_1_relu/Relu_quantized

```
/ Activation Quantization Sensitivity2023-12-14 06:52:45.353131: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_relu/Relu' id:303 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block2_1_bn/FusedBatchNormV3_quantized:0)}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.
```

2023-12-14 06:52:45,810 - Quant - INFO - Adding activation quantization op conv2_block2_2_conv/BiasAdd_quantized

```
- Activation Quantization Sensitivity2023-12-14 06:52:45.822125: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/Conv2D' id:324
op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block2_1_relu/Relu_quantized:0,
conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 06:52:46,278 - Quant - INFO - Adding activation quantization op conv2_block2_2_bn/FusedBatchNormV3_quantized

```
\ Activation Quantization Sensitivity2023-12-14 06:52:46.291162: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_bn/FusedBatchNormV3'
id:351 op device:{requested: '', assigned: ''} def:{{{node
conv2_block2_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block2_2_conv/BiasAdd_quantized:0,
```

conv2_block2_2_bn/ReadVariableOp, conv2_block2_2_bn/ReadVariableOp_1,
conv2_block2_2_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block2_2_bn/FusedBatchNormV3/ReadVariableOp_1)))' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:46,743 - Quant - INFO - Adding activation quantization op
conv2_block2_2_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:46.754320: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_relu/Relu' id:352 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block2_2_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:47,204 - Quant - INFO - Adding activation quantization op
conv2_block2_3_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:47.214732: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/Conv2D' id:373
op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block2_2_relu/Relu_quantized:0,
conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:47,672 - Quant - INFO - Adding activation quantization op
conv2_block2_3_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:47.682596: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_bn/FusedBatchNormV3'
id:400 op device:{requested: '', assigned: ''} def:{{{node
conv2_block2_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block2_3_conv/BiasAdd_quantized:0,
conv2_block2_3_bn/ReadVariableOp, conv2_block2_3_bn/ReadVariableOp_1,
conv2_block2_3_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block2_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:48,128 - Quant - INFO - Adding activation quantization op
conv2_block1_1_conv/BiasAdd_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:48.139157: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_add/add' id:401 op
device:{requested: '', assigned: ''} def:{{{node conv2_block2_add/add}} =
AddV2[T=DT_FLOAT](conv2_block1_out/Relu_quantized:0,
conv2_block2_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:48,600 - Quant - INFO - Adding activation quantization op
conv2_block1_1_bn/FusedBatchNormV3_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:48.618482: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_bn/FusedBatchNormV3'
id:106 op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_1_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block1_1_conv/BiasAdd_quantized:0,
conv2_block1_1_bn/ReadVariableOp, conv2_block1_1_bn/ReadVariableOp_1,
conv2_block1_1_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block1_1_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:49,089 - Quant - INFO - Adding activation quantization op
conv2_block1_1_relu/Relu_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:49.099621: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_relu/Relu' id:107 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block1_1_bn/FusedBatchNormV3_quantized:0))}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:49,566 - Quant - INFO - Adding activation quantization op
conv2_block1_2_conv/BiasAdd_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:49.577254: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/Conv2D' id:128
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block1_1_relu/Relu_quantized:0,
conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:50,058 - Quant - INFO - Adding activation quantization op

conv2_block1_2_bn/FusedBatchNormV3_quantized

- Activation Quantization Sensitivity2023-12-14 06:52:50.069949: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_bn/FusedBatchNormV3'
id:155 op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_2_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block1_2_conv/BiasAdd_quantized:0,
conv2_block1_2_bn/ReadVariableOp, conv2_block1_2_bn/ReadVariableOp_1,
conv2_block1_2_bn/FusedBatchNormV3/ReadVariableOp,
conv2_block1_2_bn/FusedBatchNormV3/ReadVariableOp_1)}}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 06:52:50,561 - Quant - INFO - Adding activation quantization op
conv2_block1_2_relu/Relu_quantized

\ Activation Quantization Sensitivity2023-12-14 06:52:50.572059: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_relu/Relu' id:156 op
device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block1_2_bn/FusedBatchNormV3_quantized:0)}}}' was changed
by updating input tensor after it was run by a session. This mutation will have
no effect, and will trigger an error in the future. Either don't modify nodes
after running them or create a new session.

2023-12-14 06:52:51,074 - Quant - INFO - Adding activation quantization op
conv2_block1_3_conv/BiasAdd_quantized

| Activation Quantization Sensitivity2023-12-14 06:52:51.085497: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/Conv2D' id:200
op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/Conv2D}}
= Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1],
explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block1_2_relu/Relu_quantized:0,
conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 06:52:51,551 - Quant - INFO - Adding activation quantization op
conv2_block1_3_bn/FusedBatchNormV3_quantized

/ Activation Quantization Sensitivity2023-12-14 06:52:51.562545: W
tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_bn/FusedBatchNormV3'
id:252 op device:{requested: '', assigned: ''} def:{{{node
conv2_block1_3_bn/FusedBatchNormV3}} = FusedBatchNormV3[T=DT_FLOAT, U=DT_FLOAT,
data_format="NHWC", epsilon=1.001e-05, exponential_avg_factor=1,
is_training=false](conv2_block1_3_conv/BiasAdd_quantized:0,
conv2_block1_3_bn/ReadVariableOp, conv2_block1_3_bn/ReadVariableOp_1,
conv2_block1_3_bn/FusedBatchNormV3/ReadVariableOp,

conv2_block1_3_bn/FusedBatchNormV3/ReadVariableOp_1))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Activation Quantization Sensitivity2023-12-14 06:52:52.023683: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_add/add' id:253 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_add/add}} = AddV2[T=DT_FLOAT](conv2_block1_0_bn/FusedBatchNormV3_quantized:0, conv2_block1_3_bn/FusedBatchNormV3_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 06:54:03,848 - Utils - INFO - ... subset to store [conv1_conv/Conv2D, conv1_bn]

2023-12-14 06:54:03,850 - Utils - INFO - ... subset to store [conv2_block1_0_conv/Conv2D, conv2_block1_0_bn]

2023-12-14 06:54:03,851 - Utils - INFO - ... subset to store [conv3_block1_0_conv/Conv2D, conv3_block1_0_bn]

2023-12-14 06:54:03,852 - Utils - INFO - ... subset to store [conv4_block1_0_conv/Conv2D, conv4_block1_0_bn]

2023-12-14 06:54:03,853 - Utils - INFO - ... subset to store [conv5_block1_0_conv/Conv2D, conv5_block1_0_bn]

2023-12-14 06:54:03,853 - Utils - INFO - ... subset to store [conv5_block3_1_conv/Conv2D, conv5_block3_1_bn]

2023-12-14 06:54:03,854 - Utils - INFO - ... subset to store [conv5_block3_2_conv/Conv2D, conv5_block3_2_bn]

2023-12-14 06:54:03,855 - Utils - INFO - ... subset to store [conv5_block3_3_conv/Conv2D, conv5_block3_3_bn]

2023-12-14 06:54:03,856 - Utils - INFO - ... subset to store [conv5_block2_1_conv/Conv2D, conv5_block2_1_bn]

2023-12-14 06:54:03,857 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_bn]

2023-12-14 06:54:03,858 - Utils - INFO - ... subset to store
[conv5_block2_3_conv/Conv2D, conv5_block2_3_bn]

2023-12-14 06:54:03,859 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_bn]

2023-12-14 06:54:03,860 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_bn]

2023-12-14 06:54:03,860 - Utils - INFO - ... subset to store
[conv5_block1_3_conv/Conv2D, conv5_block1_3_bn]

2023-12-14 06:54:03,861 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_bn]

2023-12-14 06:54:03,862 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_bn]

2023-12-14 06:54:03,863 - Utils - INFO - ... subset to store
[conv4_block6_3_conv/Conv2D, conv4_block6_3_bn]

2023-12-14 06:54:03,864 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_bn]

2023-12-14 06:54:03,864 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_bn]

2023-12-14 06:54:03,865 - Utils - INFO - ... subset to store
[conv4_block5_3_conv/Conv2D, conv4_block5_3_bn]

2023-12-14 06:54:03,866 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_bn]

2023-12-14 06:54:03,867 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_bn]

2023-12-14 06:54:03,868 - Utils - INFO - ... subset to store
[conv4_block4_3_conv/Conv2D, conv4_block4_3_bn]

2023-12-14 06:54:03,870 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_bn]

2023-12-14 06:54:03,871 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_bn]

2023-12-14 06:54:03,872 - Utils - INFO - ... subset to store
[conv4_block3_3_conv/Conv2D, conv4_block3_3_bn]

2023-12-14 06:54:03,873 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_bn]

2023-12-14 06:54:03,874 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_bn]

2023-12-14 06:54:03,875 - Utils - INFO - ... subset to store
[conv4_block2_3_conv/Conv2D, conv4_block2_3_bn]

2023-12-14 06:54:03,876 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_bn]

2023-12-14 06:54:03,877 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_bn]

2023-12-14 06:54:03,878 - Utils - INFO - ... subset to store
[conv4_block1_3_conv/Conv2D, conv4_block1_3_bn]

2023-12-14 06:54:03,878 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_bn]

2023-12-14 06:54:03,879 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_bn]

2023-12-14 06:54:03,880 - Utils - INFO - ... subset to store
[conv3_block4_3_conv/Conv2D, conv3_block4_3_bn]

2023-12-14 06:54:03,881 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_bn]

2023-12-14 06:54:03,882 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_bn]

2023-12-14 06:54:03,882 - Utils - INFO - ... subset to store
[conv3_block3_3_conv/Conv2D, conv3_block3_3_bn]

2023-12-14 06:54:03,883 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_bn]

2023-12-14 06:54:03,884 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_bn]

2023-12-14 06:54:03,885 - Utils - INFO - ... subset to store
[conv3_block2_3_conv/Conv2D, conv3_block2_3_bn]

2023-12-14 06:54:03,886 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_bn]

2023-12-14 06:54:03,887 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_bn]

2023-12-14 06:54:03,887 - Utils - INFO - ... subset to store
[conv3_block1_3_conv/Conv2D, conv3_block1_3_bn]

2023-12-14 06:54:03,888 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_bn]

2023-12-14 06:54:03,889 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_bn]

2023-12-14 06:54:03,890 - Utils - INFO - ... subset to store
[conv2_block3_3_conv/Conv2D, conv2_block3_3_bn]

2023-12-14 06:54:03,891 - Utils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_bn]

2023-12-14 06:54:03,891 - Utils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_bn]

2023-12-14 06:54:03,892 - Utils - INFO - ... subset to store
[conv2_block2_3_conv/Conv2D, conv2_block2_3_bn]

2023-12-14 06:54:03,893 - Utils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_bn]

2023-12-14 06:54:03,894 - Utils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_bn]

2023-12-14 06:54:03,895 - Utils - INFO - ... subset to store
[conv2_block1_3_conv/Conv2D, conv2_block1_3_bn]

2023-12-14 06:54:03,896 - Utils - INFO - ... subset to store
[conv1_conv/Conv2D, conv1_relu/Relu]

2023-12-14 06:54:03,902 - Utils - INFO - ... subset to store
[conv2_block1_add/add, conv2_block1_out/Relu]

2023-12-14 06:54:03,907 - Utils - INFO - ... subset to store
[conv2_block2_add/add, conv2_block2_out/Relu]

2023-12-14 06:54:03,912 - Utils - INFO - ... subset to store
[conv2_block3_add/add, conv2_block3_out/Relu]

2023-12-14 06:54:03,918 - Utils - INFO - ... subset to store
[conv3_block1_add/add, conv3_block1_out/Relu]

2023-12-14 06:54:03,923 - Utils - INFO - ... subset to store
[conv3_block2_add/add, conv3_block2_out/Relu]

2023-12-14 06:54:03,927 - Utils - INFO - ... subset to store
[conv3_block3_add/add, conv3_block3_out/Relu]

2023-12-14 06:54:03,932 - Utils - INFO - ... subset to store
[conv3_block4_add/add, conv3_block4_out/Relu]

2023-12-14 06:54:03,937 - Utils - INFO - ... subset to store
[conv4_block1_add/add, conv4_block1_out/Relu]

2023-12-14 06:54:03,946 - Utils - INFO - ... subset to store
[conv4_block2_add/add, conv4_block2_out/Relu]

2023-12-14 06:54:03,954 - Utils - INFO - ... subset to store
[conv4_block3_add/add, conv4_block3_out/Relu]

2023-12-14 06:54:03,960 - Utils - INFO - ... subset to store
[conv4_block4_add/add, conv4_block4_out/Relu]

2023-12-14 06:54:03,965 - Utils - INFO - ... subset to store
[conv4_block5_add/add, conv4_block5_out/Relu]

2023-12-14 06:54:03,971 - Utils - INFO - ... subset to store
[conv4_block6_add/add, conv4_block6_out/Relu]

2023-12-14 06:54:03,977 - Utils - INFO - ... subset to store
[conv5_block1_add/add, conv5_block1_out/Relu]

2023-12-14 06:54:03,984 - Utils - INFO - ... subset to store
[conv5_block2_add/add, conv5_block2_out/Relu]

2023-12-14 06:54:03,989 - Utils - INFO - ... subset to store
[conv5_block3_add/add, conv5_block3_out/Relu]

2023-12-14 06:54:03,994 - Utils - INFO - ... subset to store
[conv5_block3_1_conv/Conv2D, conv5_block3_1_relu/Relu]

2023-12-14 06:54:04,000 - Utils - INFO - ... subset to store
[conv5_block3_2_conv/Conv2D, conv5_block3_2_relu/Relu]

2023-12-14 06:54:04,007 - Utils - INFO - ... subset to store
[conv5_block2_1_conv/Conv2D, conv5_block2_1_relu/Relu]

2023-12-14 06:54:04,013 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_relu/Relu]

2023-12-14 06:54:04,019 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_relu/Relu]

2023-12-14 06:54:04,025 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_relu/Relu]

2023-12-14 06:54:04,030 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_relu/Relu]

2023-12-14 06:54:04,036 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_relu/Relu]

2023-12-14 06:54:04,041 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_relu/Relu]

2023-12-14 06:54:04,047 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_relu/Relu]

2023-12-14 06:54:04,053 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_relu/Relu]

2023-12-14 06:54:04,058 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_relu/Relu]

2023-12-14 06:54:04,064 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_relu/Relu]

2023-12-14 06:54:04,070 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_relu/Relu]

2023-12-14 06:54:04,075 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_relu/Relu]

2023-12-14 06:54:04,080 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_relu/Relu]

2023-12-14 06:54:04,085 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_relu/Relu]

2023-12-14 06:54:04,090 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_relu/Relu]

2023-12-14 06:54:04,095 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_relu/Relu]

2023-12-14 06:54:04,100 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_relu/Relu]

2023-12-14 06:54:04,104 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_relu/Relu]

2023-12-14 06:54:04,109 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_relu/Relu]

2023-12-14 06:54:04,114 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_relu/Relu]

2023-12-14 06:54:04,119 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_relu/Relu]

2023-12-14 06:54:04,126 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_relu/Relu]

2023-12-14 06:54:04,131 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_relu/Relu]

2023-12-14 06:54:04,136 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_relu/Relu]

2023-12-14 06:54:04,141 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_relu/Relu]

2023-12-14 06:54:04,146 - Utils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_relu/Relu]

2023-12-14 06:54:04,151 - Utils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_relu/Relu]

2023-12-14 06:54:04,156 - Utils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_relu/Relu]

2023-12-14 06:54:04,161 - Utils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_relu/Relu]

/ Activation Quantization Sensitivity2023-12-14 06:54:27.585509: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero

2023-12-14 06:54:27.585707: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero

2023-12-14 06:54:27.585773: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero

2023-12-14 06:54:27.585875: I

```

tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:54:27.585941: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:54:27.586000: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
\ Activation Quantization Sensitivity

INFO:tensorflow:Restoring parameters from
/tmp/quantsim/_2023-12-14_06:54:23.542007/temp

2023-12-14 06:54:29,399 - tensorflow - INFO - Restoring parameters from
/tmp/quantsim/_2023-12-14_06:54:23.542007/temp

/ Activation Quantization Sensitivity
0%|
| 0/79 [00:00<?, ?it/s]2023-12-14 06:57:56.880418: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:57:56.880639: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:57:56.880704: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:57:56.880807: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:57:56.880878: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 06:57:56.880943: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Activation Quantization Sensitivity

```

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\ Activation Quantization Sensitivity
| 1/79 [00:04<05:36, 4.31s/it]
| Activation Quantization Sensitivity
| 2/79 [00:04<02:36, 2.03s/it]
/ Activation Quantization Sensitivity
| 3/79 [00:05<01:39, 1.30s/it]
5%|
| 4/79 [00:05<01:12, 1.04it/s]
- Activation Quantization Sensitivity
| 5/79 [00:06<00:57, 1.29it/s]
\ Activation Quantization Sensitivity
| 6/79 [00:06<00:48, 1.51it/s]
| Activation Quantization Sensitivity
| 7/79 [00:06<00:42, 1.70it/s]
/ Activation Quantization Sensitivity
| 8/79 [00:07<00:38, 1.85it/s]
- Activation Quantization Sensitivity
| 9/79 [00:07<00:35, 1.96it/s]
\ Activation Quantization Sensitivity
| 10/79 [00:08<00:33, 2.04it/s]
| Activation Quantization Sensitivity
| 11/79 [00:08<00:32, 2.11it/s]
15%|
| 12/79 [00:09<00:31, 2.16it/s]
/ Activation Quantization Sensitivity
| 13/79 [00:09<00:30, 2.20it/s]
- Activation Quantization Sensitivity
| 14/79 [00:10<00:29, 2.22it/s]
\ Activation Quantization Sensitivity
| 15/79 [00:10<00:28, 2.24it/s]
| Activation Quantization Sensitivity
| 16/79 [00:10<00:27, 2.25it/s]
/ Activation Quantization Sensitivity
| 17/79 [00:11<00:27, 2.26it/s]
- Activation Quantization Sensitivity
| 18/79 [00:11<00:26, 2.26it/s]
\ Activation Quantization Sensitivity
| 19/79 [00:12<00:26, 2.27it/s]
25%|
| 20/79 [00:12<00:26, 2.27it/s]
| Activation Quantization Sensitivity
| 21/79 [00:13<00:25, 2.27it/s]
/ Activation Quantization Sensitivity
| 22/79 [00:13<00:25, 2.26it/s]
- Activation Quantization Sensitivity
| 23/79 [00:13<00:24, 2.27it/s]
\ Activation Quantization Sensitivity
| 24/79 [00:14<00:24, 2.27it/s]

```

```

| Activation Quantization Sensitivity
| 25/79 [00:14<00:23, 2.27it/s]
/ Activation Quantization Sensitivity
| 26/79 [00:15<00:23, 2.27it/s]
- Activation Quantization Sensitivity
| 27/79 [00:15<00:22, 2.27it/s]
35%|
| 28/79 [00:16<00:22, 2.28it/s]
\ Activation Quantization Sensitivity
| 29/79 [00:16<00:21, 2.28it/s]
| Activation Quantization Sensitivity
| 30/79 [00:17<00:21, 2.28it/s]
/ Activation Quantization Sensitivity
| 31/79 [00:17<00:21, 2.28it/s]
- Activation Quantization Sensitivity
| 32/79 [00:17<00:20, 2.28it/s]
\ Activation Quantization Sensitivity
| 33/79 [00:18<00:20, 2.28it/s]
| Activation Quantization Sensitivity
| 34/79 [00:18<00:19, 2.27it/s]
/ Activation Quantization Sensitivity
| 35/79 [00:19<00:19, 2.27it/s]
- Activation Quantization
Sensitivity
| 36/79 [00:19<00:18, 2.27it/s]
47%|

| 37/79 [00:20<00:18, 2.27it/s]
\ Activation Quantization
Sensitivity
| 38/79 [00:20<00:18, 2.28it/s]
| Activation Quantization
Sensitivity
| 39/79 [00:21<00:17, 2.27it/s]
/ Activation Quantization
Sensitivity
| 40/79 [00:21<00:17, 2.27it/s]
- Activation Quantization
Sensitivity
| 41/79 [00:21<00:16, 2.27it/s]
\ Activation Quantization
Sensitivity
| 42/79 [00:22<00:16, 2.27it/s]
| Activation Quantization
Sensitivity
| 43/79 [00:22<00:15, 2.27it/s]
/ Activation Quantization
Sensitivity

```

| 44/79 [00:23<00:15, 2.26it/s]
57%|

| 45/79 [00:23<00:15, 2.26it/s]
- Activation Quantization
Sensitivity

| 46/79 [00:24<00:14, 2.27it/s]
\ Activation Quantization
Sensitivity

| 47/79 [00:24<00:14, 2.27it/s]
| Activation Quantization Sensitivity

| 48/79 [00:24<00:13, 2.27it/s]
/ Activation Quantization Sensitivity

| 49/79 [00:25<00:13, 2.27it/s]
- Activation Quantization Sensitivity

| 50/79 [00:25<00:12, 2.27it/s]
\ Activation Quantization Sensitivity

| 51/79 [00:26<00:12, 2.27it/s]
| Activation Quantization Sensitivity

| 52/79 [00:26<00:11, 2.27it/s]
67%|

| 53/79 [00:27<00:11, 2.27it/s]
/ Activation Quantization Sensitivity

| 54/79 [00:27<00:11, 2.27it/s]
- Activation Quantization Sensitivity

| 55/79 [00:28<00:10, 2.27it/s]
\ Activation Quantization Sensitivity

| 56/79 [00:28<00:10, 2.27it/s]
| Activation Quantization Sensitivity

| 57/79 [00:28<00:09, 2.27it/s]
/ Activation Quantization Sensitivity

| 58/79 [00:29<00:09, 2.27it/s]
- Activation Quantization Sensitivity

| 59/79 [00:29<00:08, 2.27it/s]
\ Activation Quantization Sensitivity

| 60/79 [00:30<00:08, 2.27it/s]
77%|

| 61/79 [00:30<00:07, 2.27it/s]
| Activation Quantization Sensitivity

| 62/79 [00:31<00:07, 2.27it/s]
/ Activation Quantization Sensitivity

| 63/79 [00:31<00:07, 2.27it/s]
- Activation Quantization Sensitivity

| 64/79 [00:32<00:06, 2.27it/s]
\ Activation Quantization Sensitivity

| 65/79 [00:32<00:06, 2.27it/s]
| Activation Quantization Sensitivity

| 66/79 [00:32<00:05, 2.27it/s]
/ Activation Quantization Sensitivity

| 67/79 [00:33<00:05, 2.27it/s]
- Activation Quantization Sensitivity

| 68/79 [00:33<00:04, 2.28it/s]
\ Activation Quantization Sensitivity

| 69/79 [00:34<00:04, 2.28it/s]
89%|

| 70/79 [00:34<00:03, 2.28it/s]
| Activation Quantization Sensitivity

| 71/79 [00:35<00:03, 2.28it/s]
/ Activation Quantization Sensitivity

| 72/79 [00:35<00:03, 2.28it/s]
- Activation Quantization Sensitivity

| 73/79 [00:35<00:02, 2.26it/s]
\ Activation Quantization Sensitivity

 | 74/79 [00:36<00:02, 2.26it/s]
| Activation Quantization Sensitivity

 | 75/79 [00:36<00:01, 2.27it/s]
/ Activation Quantization Sensitivity

| 76/79 [00:37<00:01, 2.27it/s]
- Activation Quantization Sensitivity

| 77/79 [00:37<00:00, 2.27it/s]
99%|

| 78/79 [00:38<00:00, 2.27it/s]
100%|

| 79/79 [00:38<00:00, 2.05it/s]

2023-12-14 07:01:30,363 - Quant - INFO - The following quantizers did not have valid encodings and have been set to passThrough mode:
['dense/Softmax_quantized']

2023-12-14 07:01:30,365 - Quant - INFO - This can be due to the quantizers not having been evaluated during the forward pass in compute encodings. Evaluation is required to collect statistics needed to compute valid encodings. As a result, the quantizers have been set to passThrough mode, meaning no quantization noise will be simulated for these ops if they are evaluated in the future.

If this is not desired, amend the forward pass to evaluate tensors which require these ops to be evaluated, and recompute encodings.

| Activation Quantization Sensitivity2023-12-14 07:01:32.965619: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 07:01:32.965781: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 07:01:32.965847: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 07:01:32.965942: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 07:01:32.966015: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero

2023-12-14 07:01:32.966069: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device /job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0, name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute

```

capability: 8.6
/ Activation Quantization Sensitivity
| Batchnorm Folding2023-12-14 07:03:45.208729: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:03:45.208912: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:03:45.209000: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:03:45.209101: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:03:45.209166: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:03:45.209222: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Batchnorm Folding

INFO:tensorflow:Restoring parameters from
/tmp/tf_session_copy_2023-12-14_07:03:43.813577/temp

2023-12-14 07:03:46,008 - tensorflow - INFO - Restoring parameters from
/tmp/tf_session_copy_2023-12-14_07:03:43.813577/temp

2023-12-14 07:03:47,446 - Utils - INFO - ... subset to store
[conv1_conv/Conv2D, conv1_bn]

2023-12-14 07:03:47,447 - Utils - INFO - ... subset to store
[conv1_conv/Conv2D, conv1_bn]

2023-12-14 07:03:47,449 - Utils - INFO - ... subset to store
[conv2_block1_0_conv/Conv2D, conv2_block1_0_bn]

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2023-12-14 07:03:47,450 - Utils - INFO - ... subset to store
[conv2_block1_0_conv/Conv2D, conv2_block1_0_bn]

2023-12-14 07:03:47,451 - Utils - INFO - ... subset to store
[conv3_block1_0_conv/Conv2D, conv3_block1_0_bn]

2023-12-14 07:03:47,453 - Utils - INFO - ... subset to store
[conv3_block1_0_conv/Conv2D, conv3_block1_0_bn]

2023-12-14 07:03:47,454 - Utils - INFO - ... subset to store
[conv4_block1_0_conv/Conv2D, conv4_block1_0_bn]

2023-12-14 07:03:47,456 - Utils - INFO - ... subset to store
[conv4_block1_0_conv/Conv2D, conv4_block1_0_bn]

2023-12-14 07:03:47,457 - Utils - INFO - ... subset to store
[conv5_block1_0_conv/Conv2D, conv5_block1_0_bn]

2023-12-14 07:03:47,458 - Utils - INFO - ... subset to store
[conv5_block1_0_conv/Conv2D, conv5_block1_0_bn]

2023-12-14 07:03:47,459 - Utils - INFO - ... subset to store
[conv5_block3_1_conv/Conv2D, conv5_block3_1_bn]

2023-12-14 07:03:47,460 - Utils - INFO - ... subset to store
[conv5_block3_1_conv/Conv2D, conv5_block3_1_bn]

2023-12-14 07:03:47,461 - Utils - INFO - ... subset to store
[conv5_block3_2_conv/Conv2D, conv5_block3_2_bn]

2023-12-14 07:03:47,463 - Utils - INFO - ... subset to store
[conv5_block3_2_conv/Conv2D, conv5_block3_2_bn]

2023-12-14 07:03:47,465 - Utils - INFO - ... subset to store
[conv5_block3_3_conv/Conv2D, conv5_block3_3_bn]

2023-12-14 07:03:47,467 - Utils - INFO - ... subset to store
[conv5_block2_1_conv/Conv2D, conv5_block2_1_bn]

2023-12-14 07:03:47,468 - Utils - INFO - ... subset to store
[conv5_block2_1_conv/Conv2D, conv5_block2_1_bn]

2023-12-14 07:03:47,469 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_bn]

2023-12-14 07:03:47,470 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_bn]

2023-12-14 07:03:47,471 - Utils - INFO - ... subset to store
[conv5_block2_3_conv/Conv2D, conv5_block2_3_bn]

2023-12-14 07:03:47,473 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_bn]

2023-12-14 07:03:47,474 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_bn]

2023-12-14 07:03:47,476 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_bn]

2023-12-14 07:03:47,477 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_bn]

2023-12-14 07:03:47,478 - Utils - INFO - ... subset to store
[conv5_block1_3_conv/Conv2D, conv5_block1_3_bn]

2023-12-14 07:03:47,479 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_bn]

2023-12-14 07:03:47,480 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_bn]

2023-12-14 07:03:47,481 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_bn]

2023-12-14 07:03:47,482 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_bn]

2023-12-14 07:03:47,483 - Utils - INFO - ... subset to store
[conv4_block6_3_conv/Conv2D, conv4_block6_3_bn]

2023-12-14 07:03:47,484 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_bn]

2023-12-14 07:03:47,485 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_bn]

2023-12-14 07:03:47,486 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_bn]

2023-12-14 07:03:47,487 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_bn]

2023-12-14 07:03:47,488 - Utils - INFO - ... subset to store
[conv4_block5_3_conv/Conv2D, conv4_block5_3_bn]

2023-12-14 07:03:47,489 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_bn]

2023-12-14 07:03:47,490 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_bn]

2023-12-14 07:03:47,491 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_bn]

2023-12-14 07:03:47,492 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_bn]

2023-12-14 07:03:47,492 - Utils - INFO - ... subset to store
[conv4_block4_3_conv/Conv2D, conv4_block4_3_bn]

2023-12-14 07:03:47,493 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_bn]

2023-12-14 07:03:47,494 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_bn]

2023-12-14 07:03:47,495 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_bn]

2023-12-14 07:03:47,496 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_bn]

2023-12-14 07:03:47,497 - Utils - INFO - ... subset to store
[conv4_block3_3_conv/Conv2D, conv4_block3_3_bn]

2023-12-14 07:03:47,498 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_bn]

2023-12-14 07:03:47,499 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_bn]

2023-12-14 07:03:47,500 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_bn]

2023-12-14 07:03:47,501 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_bn]

2023-12-14 07:03:47,502 - Utils - INFO - ... subset to store
[conv4_block2_3_conv/Conv2D, conv4_block2_3_bn]

2023-12-14 07:03:47,502 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_bn]

2023-12-14 07:03:47,503 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_bn]

2023-12-14 07:03:47,505 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_bn]

2023-12-14 07:03:47,506 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_bn]

2023-12-14 07:03:47,507 - Utils - INFO - ... subset to store
[conv4_block1_3_conv/Conv2D, conv4_block1_3_bn]

2023-12-14 07:03:47,508 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_bn]

2023-12-14 07:03:47,508 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_bn]

2023-12-14 07:03:47,509 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_bn]

2023-12-14 07:03:47,510 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_bn]

2023-12-14 07:03:47,511 - Utils - INFO - ... subset to store
[conv3_block4_3_conv/Conv2D, conv3_block4_3_bn]

2023-12-14 07:03:47,512 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_bn]

2023-12-14 07:03:47,513 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_bn]

2023-12-14 07:03:47,513 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_bn]

2023-12-14 07:03:47,514 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_bn]

2023-12-14 07:03:47,515 - Utils - INFO - ... subset to store
[conv3_block3_3_conv/Conv2D, conv3_block3_3_bn]

2023-12-14 07:03:47,516 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_bn]

2023-12-14 07:03:47,517 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_bn]

2023-12-14 07:03:47,517 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_bn]

2023-12-14 07:03:47,518 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_bn]

2023-12-14 07:03:47,519 - Utils - INFO - ... subset to store
[conv3_block2_3_conv/Conv2D, conv3_block2_3_bn]

2023-12-14 07:03:47,520 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_bn]

2023-12-14 07:03:47,521 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_bn]

2023-12-14 07:03:47,522 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_bn]

2023-12-14 07:03:47,522 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_bn]

2023-12-14 07:03:47,523 - Utils - INFO - ... subset to store
[conv3_block1_3_conv/Conv2D, conv3_block1_3_bn]

2023-12-14 07:03:47,524 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_bn]

2023-12-14 07:03:47,525 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_bn]

2023-12-14 07:03:47,526 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_bn]

2023-12-14 07:03:47,526 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_bn]

2023-12-14 07:03:47,527 - Utils - INFO - ... subset to store
[conv2_block3_3_conv/Conv2D, conv2_block3_3_bn]

2023-12-14 07:03:47,528 - Utils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_bn]

2023-12-14 07:03:47,529 - Utils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_bn]

2023-12-14 07:03:47,530 - Utils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_bn]

2023-12-14 07:03:47,530 - Utils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_bn]

2023-12-14 07:03:47,531 - Utils - INFO - ... subset to store
[conv2_block2_3_conv/Conv2D, conv2_block2_3_bn]

2023-12-14 07:03:47,532 - Utils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_bn]

2023-12-14 07:03:47,533 - Utils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_bn]

2023-12-14 07:03:47,534 - Utils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_bn]

2023-12-14 07:03:47,535 - Utils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_bn]

2023-12-14 07:03:47,536 - Utils - INFO - ... subset to store
[conv2_block1_3_conv/Conv2D, conv2_block1_3_bn]

| Batchnorm Folding2023-12-14 07:03:48.851035: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv1_relu/Relu' id:55 op device:{requested: '', assigned: ''}
def:{{{node conv1_relu/Relu}} = Relu[T=DT_FLOAT](conv1_conv/BiasAdd:0)}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.

\ Batchnorm Folding2023-12-14 07:03:50.424915: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block1_add/add' id:253 op device:{requested: '',
assigned: ''} def:{{{node conv2_block1_add/add}} =
AddV2[T=DT_FLOAT](conv2_block1_0_conv/BiasAdd:0,
conv2_block1_3_bn/FusedBatchNormV3)}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

- Batchnorm Folding2023-12-14 07:03:51.998818: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block1_1_relu/Relu' id:107 op device:{requested: '',
assigned: ''} def:{{{node conv2_block1_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block1_1_conv/BiasAdd:0)}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

/ Batchnorm Folding2023-12-14 07:03:53.585332: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block1_2_relu/Relu' id:156 op device:{requested: '',
assigned: ''} def:{{{node conv2_block1_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv2_block1_2_conv/BiasAdd:0)}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

| Batchnorm Folding2023-12-14 07:03:55.154643: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block1_add/add' id:253 op device:{requested: '',
assigned: ''} def:{{{node conv2_block1_add/add}} =
AddV2[T=DT_FLOAT](conv2_block1_0_conv/BiasAdd:0,
conv2_block1_3_conv/BiasAdd:0)}' was changed by updating input tensor after it
was run by a session. This mutation will have no effect, and will trigger an
error in the future. Either don't modify nodes after running them or create a
new session.

\ Batchnorm Folding2023-12-14 07:03:56.718470: W tensorflow/c/c_api.cc:349]

Operation '{name:'conv2_block2_1_relu/Relu' id:303 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv2_block2_1_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:03:58.289444: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_relu/Relu' id:352 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv2_block2_2_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:03:59.860776: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_add/add' id:401 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_add/add}}} = AddV2[T=DT_FLOAT](conv2_block1_out/Relu, conv2_block2_3_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:04:01.411257: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_relu/Relu' id:451 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv2_block3_1_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

| Batchnorm Folding2023-12-14 07:04:02.983705: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_relu/Relu' id:500 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv2_block3_2_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

\ Batchnorm Folding2023-12-14 07:04:04.550566: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_add/add' id:549 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}}} = AddV2[T=DT_FLOAT](conv2_block2_out/Relu, conv2_block3_3_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:04:06.136040: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:745 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}}} = AddV2[T=DT_FLOAT](conv3_block1_0_conv/BiasAdd:0, conv3_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or

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create a new session.
/ Batchnorm Folding2023-12-14 07:04:07.707218: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block1_1_relu/Relu' id:599 op device:{requested: '',
assigned: ''} def:{{{node conv3_block1_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block1_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
| Batchnorm Folding2023-12-14 07:04:09.317110: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block1_2_relu/Relu' id:648 op device:{requested: '',
assigned: ''} def:{{{node conv3_block1_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block1_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
| Batchnorm Folding2023-12-14 07:04:10.894788: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block1_add/add' id:745 op device:{requested: '',
assigned: ''} def:{{{node conv3_block1_add/add}}} =
AddV2[T=DT_FLOAT](conv3_block1_0_conv/BiasAdd:0,
conv3_block1_3_conv/BiasAdd:0))}' was changed by updating input tensor after it
was run by a session. This mutation will have no effect, and will trigger an
error in the future. Either don't modify nodes after running them or create a
new session.
\ Batchnorm Folding2023-12-14 07:04:12.466290: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block2_1_relu/Relu' id:795 op device:{requested: '',
assigned: ''} def:{{{node conv3_block2_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block2_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
- Batchnorm Folding2023-12-14 07:04:14.039549: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block2_2_relu/Relu' id:844 op device:{requested: '',
assigned: ''} def:{{{node conv3_block2_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block2_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
/ Batchnorm Folding2023-12-14 07:04:15.610945: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block2_add/add' id:893 op device:{requested: '',
assigned: ''} def:{{{node conv3_block2_add/add}}} =
AddV2[T=DT_FLOAT](conv3_block1_out/Relu, conv3_block2_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.
| Batchnorm Folding2023-12-14 07:04:17.167881: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block3_1_relu/Relu' id:943 op device:{requested: '',
assigned: ''} def:{{{node conv3_block3_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block3_1_conv/BiasAdd:0))}' was changed by updating input

```

tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

```
\ Batchnorm Folding2023-12-14 07:04:18.766583: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block3_2_relu/Relu' id:992 op device:{requested: '',
assigned: ''} def:{{{node conv3_block3_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block3_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

```
- Batchnorm Folding2023-12-14 07:04:20.338046: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block3_add/add' id:1041 op device:{requested: '',
assigned: ''} def:{{{node conv3_block3_add/add}}} =
AddV2[T=DT_FLOAT](conv3_block2_out/Relu, conv3_block3_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.
```

```
/ Batchnorm Folding2023-12-14 07:04:21.906466: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block4_1_relu/Relu' id:1091 op device:{requested: '',
assigned: ''} def:{{{node conv3_block4_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block4_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

```
/ Batchnorm Folding2023-12-14 07:04:23.493227: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block4_2_relu/Relu' id:1140 op device:{requested: '',
assigned: ''} def:{{{node conv3_block4_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block4_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

```
| Batchnorm Folding2023-12-14 07:04:25.061885: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block4_add/add' id:1189 op device:{requested: '',
assigned: ''} def:{{{node conv3_block4_add/add}}} =
AddV2[T=DT_FLOAT](conv3_block3_out/Relu, conv3_block4_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.
```

```
\ Batchnorm Folding2023-12-14 07:04:26.723715: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block1_add/add' id:1405 op device:{requested: '',
assigned: ''} def:{{{node conv4_block1_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block1_0_conv/BiasAdd:0,
conv4_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.
```

```
- Batchnorm Folding2023-12-14 07:04:28.286457: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block1_1_relu/Relu' id:1239 op device:{requested: '',
```

assigned: ''} def:{{{node conv4_block1_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_1_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:04:29.943599: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_relu/Relu' id:1288 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_2_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:04:31.527856: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1405 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_0_conv/BiasAdd:0, conv4_block1_3_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

| Batchnorm Folding2023-12-14 07:04:33.122050: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_relu/Relu' id:1455 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block2_1_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

\ Batchnorm Folding2023-12-14 07:04:34.789274: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_relu/Relu' id:1504 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block2_2_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:04:36.377850: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1563 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu, conv4_block2_3_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:04:38.025477: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_relu/Relu' id:1613 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block3_1_conv/BiasAdd:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:04:39.802786: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block3_2_relu/Relu' id:1662 op device:{requested: '',
assigned: ''} def:{{{node conv4_block3_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block3_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

/ Batchnorm Folding2023-12-14 07:04:41.515864: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block3_add/add' id:1721 op device:{requested: '',
assigned: ''} def:{{{node conv4_block3_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block2_out/Relu, conv4_block3_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.

| Batchnorm Folding2023-12-14 07:04:43.231425: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block4_1_relu/Relu' id:1771 op device:{requested: '',
assigned: ''} def:{{{node conv4_block4_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block4_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

\ Batchnorm Folding2023-12-14 07:04:44.985978: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block4_2_relu/Relu' id:1820 op device:{requested: '',
assigned: ''} def:{{{node conv4_block4_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block4_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

\ Batchnorm Folding2023-12-14 07:04:46.728229: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block4_add/add' id:1879 op device:{requested: '',
assigned: ''} def:{{{node conv4_block4_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block3_out/Relu, conv4_block4_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:04:48.389511: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block5_1_relu/Relu' id:1929 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block5_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

- Batchnorm Folding2023-12-14 07:04:50.076445: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block5_2_relu/Relu' id:1978 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block5_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running

them or create a new session.

```
/ Batchnorm Folding2023-12-14 07:04:51.721417: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block5_add/add' id:2037 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block4_out/Relu, conv4_block5_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.
| Batchnorm Folding2023-12-14 07:04:53.411711: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block6_1_relu/Relu' id:2087 op device:{requested: '',
assigned: ''} def:{{{node conv4_block6_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block6_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
| Batchnorm Folding2023-12-14 07:04:55.154757: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block6_2_relu/Relu' id:2136 op device:{requested: '',
assigned: ''} def:{{{node conv4_block6_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block6_2_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
\ Batchnorm Folding2023-12-14 07:04:56.908597: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block6_add/add' id:2195 op device:{requested: '',
assigned: ''} def:{{{node conv4_block6_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block5_out/Relu, conv4_block6_3_conv/BiasAdd:0))}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.
\ Batchnorm Folding2023-12-14 07:04:59.025835: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block1_add/add' id:2411 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_add/add}}} =
AddV2[T=DT_FLOAT](conv5_block1_0_conv/BiasAdd:0,
conv5_block1_3_bn/FusedBatchNormV3))}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.
- Batchnorm Folding2023-12-14 07:05:00.759161: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block1_1_relu/Relu' id:2245 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block1_1_conv/BiasAdd:0))}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
\ Batchnorm Folding2023-12-14 07:05:02.952990: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block1_2_relu/Relu' id:2294 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block1_2_conv/BiasAdd:0))}' was changed by updating input
```


tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:05:04.793215: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_add/add' id:2411 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_0_conv/BiasAdd:0, conv5_block1_3_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:05:06.677132: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_relu/Relu' id:2461 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_1_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:05:08.811024: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_relu/Relu' id:2510 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_2_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:05:10.664668: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_add/add' id:2569 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_out/Relu, conv5_block2_3_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:05:12.579770: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_relu/Relu' id:2619 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block3_1_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

- Batchnorm Folding2023-12-14 07:05:14.737399: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_relu/Relu' id:2668 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block3_2_conv/BiasAdd:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:05:16.583172: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2727 op device:{requested: '',

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assigned: ''} def:{{{node conv5_block3_add/add}} =
AddV2[T=DT_FLOAT](conv5_block2_out/Relu, conv5_block3_3_conv/BiasAdd:0)}}' was
changed by updating input tensor after it was run by a session. This mutation
will have no effect, and will trigger an error in the future. Either don't
modify nodes after running them or create a new session.
/ Batchnorm Folding2023-12-14 07:05:18.583360: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:18.583524: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:18.583678: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:18.583836: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:18.583903: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:18.583961: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
\ Batchnorm Folding

INFO:tensorflow:Restoring parameters from
./temp_bn_fold_2023-12-14_07:05:16.935182/temp

2023-12-14 07:05:19,614 - tensorflow - INFO - Restoring parameters from
./temp_bn_fold_2023-12-14_07:05:16.935182/temp

| Batchnorm Folding2023-12-14 07:05:22.146519: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:22.146689: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:22.146753: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
```

```
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:22.146858: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:22.146921: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:05:22.146983: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Batchnorm Folding

INFO:tensorflow:Restoring parameters from
/tmp/tf_session_copy_2023-12-14_07:05:20.446220/temp

2023-12-14 07:05:23,373 - tensorflow - INFO - Restoring parameters from
/tmp/tf_session_copy_2023-12-14_07:05:20.446220/temp

2023-12-14 07:05:26,643 - Quant - INFO - No config file provided, defaulting to
config file at /usr/local/lib/python3.8/dist-
packages/aimet_common/quantsim_config/default_config.json

2023-12-14 07:05:26,658 - Quant - INFO - Adding weight quantization op
conv1_conv/Conv2D/ReadVariableOp_quantized

2023-12-14 07:05:27,044 - Quant - INFO - Adding weight quantization op
conv1_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:27.055098: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv1_conv/Conv2D' id:27 op device:{requested: '', assigned:
''} def:{{{node conv1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC",
dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2,
1], use_cudnn_on_gpu=true] (conv1_pad/Pad,
conv1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input
tensor after it was run by a session. This mutation will have no effect, and
will trigger an error in the future. Either don't modify nodes after running
them or create a new session.

2023-12-14 07:05:27,444 - Quant - INFO - Adding weight quantization op
conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized
```

- Batchnorm Folding2023-12-14 07:05:27.454798: W tensorflow/c/c_api.cc:349
Operation '{name:'conv1_conv/BiasAdd' id:29 op device:{requested: '', assigned: ''} def:{{{node conv1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv1_conv/Conv2D, conv1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:27,835 - Quant - INFO - Adding weight quantization op conv2_block1_0_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:27.846504: W tensorflow/c/c_api.cc:349
Operation '{name:'conv2_block1_0_conv/Conv2D' id:174 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](pool1_pool/MaxPool, conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:28,229 - Quant - INFO - Adding weight quantization op conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:28.240198: W tensorflow/c/c_api.cc:349
Operation '{name:'conv2_block1_0_conv/BiasAdd' id:176 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv2_block1_0_conv/Conv2D, conv2_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:28,628 - Quant - INFO - Adding weight quantization op conv3_block1_0_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:28.639386: W tensorflow/c/c_api.cc:349
Operation '{name:'conv3_block1_0_conv/Conv2D' id:656 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv2_block3_out/Relu, conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:29,027 - Quant - INFO - Adding weight quantization op conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:29.038501: W tensorflow/c/c_api.cc:349
Operation '{name:'conv3_block1_0_conv/BiasAdd' id:658 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv3_block1_0_conv/Conv2D, conv3_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:29,429 - Quant - INFO - Adding weight quantization op conv4_block1_0_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:29.441289: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block1_0_conv/Conv2D' id:1285 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu, conv4_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:29,840 - Quant - INFO - Adding weight quantization op conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:29.852251: W tensorflow/c/c_api.cc:349
Operation '{name:'conv4_block1_0_conv/BiasAdd' id:1287 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_0_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_0_conv/Conv2D, conv4_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:30,247 - Quant - INFO - Adding weight quantization op conv5_block1_0_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:30.261218: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block1_0_conv/Conv2D' id:2272 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv4_block6_out/Relu, conv5_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:30,649 - Quant - INFO - Adding weight quantization op dense/MatMul/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:30.660157: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block1_0_conv/BiasAdd' id:2274 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_0_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block1_0_conv/Conv2D, conv5_block1_0_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:31,047 - Quant - INFO - Adding weight quantization op dense/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:31.057918: W tensorflow/c/c_api.cc:349
Operation '{name:'dense/MatMul' id:2698 op device:{requested: '', assigned: ''} def:{{{node dense/MatMul}} = MatMul[T=DT_FLOAT, transpose_a=false, transpose_b=false](global_average_pooling2d/Mean, dense/MatMul/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:31,448 - Quant - INFO - Adding weight quantization op conv5_block3_1_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:31.459928: W tensorflow/c/c_api.cc:349
Operation '{name:'dense/BiasAdd' id:2700 op device:{requested: '', assigned: ''} def:{{{node dense/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](dense/MatMul, dense/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:31,847 - Quant - INFO - Adding weight quantization op conv5_block3_1_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:31.857611: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block3_1_conv/Conv2D' id:2541 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_out/Relu, conv5_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:32,251 - Quant - INFO - Adding weight quantization op conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:32.262116: W tensorflow/c/c_api.cc:349
Operation '{name:'conv5_block3_1_conv/BiasAdd' id:2543 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv5_block3_1_conv/Conv2D, conv5_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:32,654 - Quant - INFO - Adding weight quantization op conv5_block3_2_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:32.665395: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/Conv2D' id:2589 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv5_block3_1_relu/Relu, conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:33,056 - Quant - INFO - Adding weight quantization op conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:33.067871: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/BiasAdd' id:2591 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block3_2_conv/Conv2D, conv5_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:33,463 - Quant - INFO - Adding weight quantization op conv5_block3_3_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:33.475402: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/Conv2D' id:2639 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv5_block3_2_relu/Relu, conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:33,873 - Quant - INFO - Adding weight quantization op conv5_block2_1_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:33.884391: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/BiasAdd' id:2641 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"](conv5_block3_3_conv/Conv2D, conv5_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:34,279 - Quant - INFO - Adding weight quantization op conv5_block2_1_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:34.289937: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_conv/Conv2D' id:2386 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block1_out/Relu, conv5_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:34,684 - Quant - INFO - Adding weight quantization op conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:34.701754: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_conv/BiasAdd' id:2388 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv5_block2_1_conv/Conv2D, conv5_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:35,092 - Quant - INFO - Adding weight quantization op conv5_block2_2_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:35.102980: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/Conv2D' id:2434 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_1_relu/Relu, conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:35,507 - Quant - INFO - Adding weight quantization op conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:35.518961: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/BiasAdd' id:2436 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv5_block2_2_conv/Conv2D, conv5_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:35,920 - Quant - INFO - Adding weight quantization op conv5_block2_3_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:35.932116: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/Conv2D' id:2484 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv5_block2_2_relu/Relu, conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:36,331 - Quant - INFO - Adding weight quantization op conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:36.343146: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/BiasAdd' id:2486 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block2_3_conv/Conv2D, conv5_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:36,742 - Quant - INFO - Adding weight quantization op conv5_block1_1_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:36.753005: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/Conv2D' id:2174 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true] (conv4_block6_out/Relu, conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:37,161 - Quant - INFO - Adding weight quantization op conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:37.173629: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/BiasAdd' id:2176 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv5_block1_1_conv/Conv2D, conv5_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:37,578 - Quant - INFO - Adding weight quantization op conv5_block1_2_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:37.589642: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/Conv2D' id:2222 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv5_block1_1_relu/Relu, conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:38,000 - Quant - INFO - Adding weight quantization op conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:38.011658: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_2_conv/BiasAdd' id:2224 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv5_block1_2_conv/Conv2D, conv5_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:38,412 - Quant - INFO - Adding weight quantization op conv5_block1_3_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:38.423711: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/Conv2D' id:2297 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv5_block1_2_relu/Relu, conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:38,822 - Quant - INFO - Adding weight quantization op conv4_block6_1_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:38.834749: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_3_conv/BiasAdd' id:2299 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv5_block1_3_conv/Conv2D, conv5_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:39,239 - Quant - INFO - Adding weight quantization op conv4_block6_1_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:39.250826: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_conv/Conv2D' id:2019 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block5_out/Relu, conv4_block6_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:39,658 - Quant - INFO - Adding weight quantization op conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:39.676251: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_1_conv/BiasAdd' id:2021 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_1_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv4_block6_1_conv/Conv2D, conv4_block6_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:40,087 - Quant - INFO - Adding weight quantization op conv4_block6_2_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:40.099147: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/Conv2D' id:2067 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block6_1_relu/Relu, conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:40,531 - Quant - INFO - Adding weight quantization op conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:40.542669: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_conv/BiasAdd' id:2069 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_conv/BiasAdd}}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv4_block6_2_conv/Conv2D, conv4_block6_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:40,966 - Quant - INFO - Adding weight quantization op conv4_block6_3_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:40.977237: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/Conv2D' id:2117 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block6_2_relu/Relu, conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:41,413 - Quant - INFO - Adding weight quantization op conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:41.424519: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/BiasAdd' id:2119 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv4_block6_3_conv/Conv2D, conv4_block6_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:41,852 - Quant - INFO - Adding weight quantization op conv4_block5_1_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:41.863587: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/Conv2D' id:1864 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block4_out/Relu, conv4_block5_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:42,300 - Quant - INFO - Adding weight quantization op conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:42.310979: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_conv/BiasAdd' id:1866 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv4_block5_1_conv/Conv2D, conv4_block5_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:42,744 - Quant - INFO - Adding weight quantization op conv4_block5_2_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:42.755913: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/Conv2D' id:1912 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block5_1_relu/Relu, conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:43,190 - Quant - INFO - Adding weight quantization op conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:43.208350: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_2_conv/BiasAdd' id:1914 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv4_block5_2_conv/Conv2D, conv4_block5_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:43,660 - Quant - INFO - Adding weight quantization op conv4_block5_3_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:43.672118: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/Conv2D' id:1962 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block5_2_relu/Relu, conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:44,109 - Quant - INFO - Adding weight quantization op conv4_block4_1_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:44.120468: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_3_conv/BiasAdd' id:1964 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv4_block5_3_conv/Conv2D, conv4_block5_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:44,570 - Quant - INFO - Adding weight quantization op conv4_block4_1_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:44.581372: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_conv/Conv2D' id:1709 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block3_out/Relu, conv4_block4_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:45,031 - Quant - INFO - Adding weight quantization op conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:45.042269: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_conv/BiasAdd' id:1711 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv4_block4_1_conv/Conv2D, conv4_block4_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:45,489 - Quant - INFO - Adding weight quantization op conv4_block4_2_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:45.499732: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/Conv2D' id:1757 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block4_1_relu/Relu, conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:45,921 - Quant - INFO - Adding weight quantization op conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:45.933104: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/BiasAdd' id:1759 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"](conv4_block4_2_conv/Conv2D, conv4_block4_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:46,352 - Quant - INFO - Adding weight quantization op conv4_block4_3_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:46.363375: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/Conv2D' id:1807 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_2_relu/Relu, conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:46,802 - Quant - INFO - Adding weight quantization op conv4_block3_1_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:46.813162: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/BiasAdd' id:1809 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block4_3_conv/Conv2D, conv4_block4_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:47,270 - Quant - INFO - Adding weight quantization op conv4_block3_1_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:47.281448: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_conv/Conv2D' id:1554 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_out/Relu, conv4_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:47,729 - Quant - INFO - Adding weight quantization op conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:47.740505: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_conv/BiasAdd' id:1556 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv4_block3_1_conv/Conv2D, conv4_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:48,194 - Quant - INFO - Adding weight quantization op conv4_block3_2_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:48.206250: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/Conv2D' id:1602 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block3_1_relu/Relu, conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:48,646 - Quant - INFO - Adding weight quantization op conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:48.658014: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/BiasAdd' id:1604 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv4_block3_2_conv/Conv2D, conv4_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:49,090 - Quant - INFO - Adding weight quantization op conv4_block3_3_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:49.103125: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/Conv2D' id:1652 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block3_2_relu/Relu, conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:49,557 - Quant - INFO - Adding weight quantization op conv4_block2_1_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:49.569185: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/BiasAdd' id:1654 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"](conv4_block3_3_conv/Conv2D, conv4_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:50,020 - Quant - INFO - Adding weight quantization op conv4_block2_1_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:50.037578: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_conv/Conv2D' id:1399 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_out/Relu, conv4_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:50,488 - Quant - INFO - Adding weight quantization op conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:50.499113: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_1_conv/BiasAdd' id:1401 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block2_1_conv/Conv2D, conv4_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:50,948 - Quant - INFO - Adding weight quantization op conv4_block2_2_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:50.959212: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/Conv2D' id:1447 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_1_relu/Relu, conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:51,411 - Quant - INFO - Adding weight quantization op conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:51.422392: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_2_conv/BiasAdd' id:1449 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv4_block2_2_conv/Conv2D, conv4_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:51,860 - Quant - INFO - Adding weight quantization op conv4_block2_3_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:51.872657: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/Conv2D' id:1497 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv4_block2_2_relu/Relu, conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:52,312 - Quant - INFO - Adding weight quantization op conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:52.323459: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/BiasAdd' id:1499 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv4_block2_3_conv/Conv2D, conv4_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:52,754 - Quant - INFO - Adding weight quantization op conv4_block1_1_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:52.765273: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/Conv2D' id:1187 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true] (conv3_block4_out/Relu, conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:53,218 - Quant - INFO - Adding weight quantization op conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:53.231048: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/BiasAdd' id:1189 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"](conv4_block1_1_conv/Conv2D, conv4_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:53,672 - Quant - INFO - Adding weight quantization op conv4_block1_2_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:53.683738: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/Conv2D' id:1235 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_1_relu/Relu, conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:54,123 - Quant - INFO - Adding weight quantization op conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:54.134052: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/BiasAdd' id:1237 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"](conv4_block1_2_conv/Conv2D, conv4_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:54,568 - Quant - INFO - Adding weight quantization op conv4_block1_3_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:54.578955: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/Conv2D' id:1310 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_2_relu/Relu, conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:55,010 - Quant - INFO - Adding weight quantization op conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:55.024541: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/BiasAdd' id:1312 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv4_block1_3_conv/Conv2D, conv4_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:55,499 - Quant - INFO - Adding weight quantization op conv3_block4_1_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:55.509463: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/Conv2D' id:1042 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block3_out/Relu, conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:55,969 - Quant - INFO - Adding weight quantization op conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:55.979477: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/BiasAdd' id:1044 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv3_block4_1_conv/Conv2D, conv3_block4_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:56,440 - Quant - INFO - Adding weight quantization op conv3_block4_2_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:56.459073: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/Conv2D' id:1090 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block4_1_relu/Relu, conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:56,895 - Quant - INFO - Adding weight quantization op conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:56.906675: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/BiasAdd' id:1092 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv3_block4_2_conv/Conv2D, conv3_block4_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:57,387 - Quant - INFO - Adding weight quantization op conv3_block4_3_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:57.397857: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/Conv2D' id:1138 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block4_2_relu/Relu, conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:57,856 - Quant - INFO - Adding weight quantization op conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:57.867811: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/BiasAdd' id:1140 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv3_block4_3_conv/Conv2D, conv3_block4_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:58,314 - Quant - INFO - Adding weight quantization op conv3_block3_1_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:05:58.325897: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/Conv2D' id:897 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block2_out/Relu, conv3_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:58,792 - Quant - INFO - Adding weight quantization op conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:05:58.803435: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_conv/BiasAdd' id:899 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv3_block3_1_conv/Conv2D, conv3_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:59,286 - Quant - INFO - Adding weight quantization op conv3_block3_2_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:05:59.296762: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/Conv2D' id:945 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block3_1_relu/Relu, conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:05:59,754 - Quant - INFO - Adding weight quantization op conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:05:59.765409: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/BiasAdd' id:947 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv3_block3_2_conv/Conv2D, conv3_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:00,226 - Quant - INFO - Adding weight quantization op conv3_block3_3_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:00.238708: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/Conv2D' id:993 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block3_2_relu/Relu, conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:00,692 - Quant - INFO - Adding weight quantization op conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:00.702948: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/BiasAdd' id:995 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv3_block3_3_conv/Conv2D, conv3_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:01,170 - Quant - INFO - Adding weight quantization op conv3_block2_1_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:01.181576: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/Conv2D' id:752 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block1_out/Relu, conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:01,650 - Quant - INFO - Adding weight quantization op conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:01.662564: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/BiasAdd' id:754 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv3_block2_1_conv/Conv2D, conv3_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:02,146 - Quant - INFO - Adding weight quantization op conv3_block2_2_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:02.158668: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/Conv2D' id:800 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block2_1_relu/Relu, conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:02,644 - Quant - INFO - Adding weight quantization op conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:02.655425: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/BiasAdd' id:802 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv3_block2_2_conv/Conv2D, conv3_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:03,130 - Quant - INFO - Adding weight quantization op conv3_block2_3_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:03.142427: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/Conv2D' id:848 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block2_2_relu/Relu, conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:03,614 - Quant - INFO - Adding weight quantization op conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:03.625666: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/BiasAdd' id:850 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv3_block2_3_conv/Conv2D, conv3_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:04,094 - Quant - INFO - Adding weight quantization op conv3_block1_1_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:04.106173: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/Conv2D' id:560 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true] (conv2_block3_out/Relu, conv3_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:04,567 - Quant - INFO - Adding weight quantization op conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:04.578289: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_1_conv/BiasAdd' id:562 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv3_block1_1_conv/Conv2D, conv3_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:05,035 - Quant - INFO - Adding weight quantization op conv3_block1_2_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:05.046117: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/Conv2D' id:608 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block1_1_relu/Relu, conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:05,512 - Quant - INFO - Adding weight quantization op conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:05.524278: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_2_conv/BiasAdd' id:610 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv3_block1_2_conv/Conv2D, conv3_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:05,986 - Quant - INFO - Adding weight quantization op conv3_block1_3_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:05.997629: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/Conv2D' id:679 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv3_block1_2_relu/Relu, conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:06,432 - Quant - INFO - Adding weight quantization op conv2_block3_1_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:06.442991: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/BiasAdd' id:681 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv3_block1_3_conv/Conv2D, conv3_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:06,889 - Quant - INFO - Adding weight quantization op conv2_block3_1_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:06.900668: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_conv/Conv2D' id:415 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block2_out/Relu, conv2_block3_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:07,323 - Quant - INFO - Adding weight quantization op conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:07.334797: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_conv/BiasAdd' id:417 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv2_block3_1_conv/Conv2D, conv2_block3_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:07,762 - Quant - INFO - Adding weight quantization op conv2_block3_2_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:07.773279: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/Conv2D' id:463 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block3_1_relu/Relu, conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:08,194 - Quant - INFO - Adding weight quantization op conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:08.206057: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/BiasAdd' id:465 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv2_block3_2_conv/Conv2D, conv2_block3_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:08,647 - Quant - INFO - Adding weight quantization op conv2_block3_3_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:08.658068: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/Conv2D' id:511 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block3_2_relu/Relu, conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:09,082 - Quant - INFO - Adding weight quantization op conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:09.094743: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/BiasAdd' id:513 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv2_block3_3_conv/Conv2D, conv2_block3_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:09,537 - Quant - INFO - Adding weight quantization op conv2_block2_1_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:09.549376: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_conv/Conv2D' id:270 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block1_out/Relu, conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:09,977 - Quant - INFO - Adding weight quantization op conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:09.988113: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_conv/BiasAdd' id:272 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv2_block2_1_conv/Conv2D, conv2_block2_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:10,422 - Quant - INFO - Adding weight quantization op conv2_block2_2_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:10.433139: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/Conv2D' id:318 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block2_1_relu/Relu, conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:10,865 - Quant - INFO - Adding weight quantization op conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:10.876991: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/BiasAdd' id:320 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv2_block2_2_conv/Conv2D, conv2_block2_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:11,308 - Quant - INFO - Adding weight quantization op conv2_block2_3_conv/BiasAdd/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:11.318576: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/Conv2D' id:366 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block2_2_relu/Relu, conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:11,748 - Quant - INFO - Adding weight quantization op conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:11.761985: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/BiasAdd' id:368 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv2_block2_3_conv/Conv2D, conv2_block2_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:12,196 - Quant - INFO - Adding weight quantization op conv2_block1_1_conv/BiasAdd/ReadVariableOp_quantized

| Batchnorm Folding2023-12-14 07:06:12.207263: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/Conv2D' id:78 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (pool1_pool/MaxPool, conv2_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:12,638 - Quant - INFO - Adding weight quantization op conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:12.648916: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_conv/BiasAdd' id:80 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv2_block1_1_conv/Conv2D, conv2_block1_1_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:13,086 - Quant - INFO - Adding weight quantization op conv2_block1_2_conv/BiasAdd/ReadVariableOp_quantized

/ Batchnorm Folding2023-12-14 07:06:13.098342: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/Conv2D' id:126 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block1_1_relu/Relu, conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:13,532 - Quant - INFO - Adding weight quantization op conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized

- Batchnorm Folding2023-12-14 07:06:13.542929: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/BiasAdd' id:128 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT,

data_format="NHWC"] (conv2_block1_2_conv/Conv2D, conv2_block1_2_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:13,983 - Quant - INFO - Adding weight quantization op conv2_block1_3_conv/BiasAdd/ReadVariableOp_quantized

\ Batchnorm Folding2023-12-14 07:06:13.998792: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/Conv2D' id:197 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true] (conv2_block1_2_relu/Relu, conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:14,444 - Quant - INFO - Adding activation quantization op input_1_quantized

| Batchnorm Folding2023-12-14 07:06:14.455626: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/BiasAdd' id:199 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/BiasAdd}} = BiasAdd[T=DT_FLOAT, data_format="NHWC"] (conv2_block1_3_conv/Conv2D, conv2_block1_3_conv/BiasAdd/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:14,889 - Quant - INFO - Adding activation quantization op conv1_pad/Pad_quantized

/ Batchnorm Folding2023-12-14 07:06:14.899732: W tensorflow/c/c_api.cc:349] Operation '{name:'conv1_pad/Pad' id:6 op device:{requested: '', assigned: ''} def:{{{node conv1_pad/Pad}} = Pad[T=DT_FLOAT, Tpadding=DT_INT32] (input_1_quantized:0, conv1_pad/Pad/paddings)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:15,340 - Quant - INFO - Adding activation quantization op conv1_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:15.350947: W tensorflow/c/c_api.cc:349] Operation '{name:'conv1_conv/Conv2D' id:27 op device:{requested: '', assigned: ''} def:{{{node conv1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true] (conv1_pad/Pad_quantized:0, conv1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input

tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:15,800 - Quant - INFO - Adding activation quantization op conv1_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:15.810859: W tensorflow/c/c_api.cc:349] Operation '{name:'conv1_relu/Relu' id:54 op device:{requested: '', assigned: ''} def:{{{node conv1_relu/Relu}} = Relu[T=DT_FLOAT](conv1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:16,265 - Quant - INFO - Adding activation quantization op pool1_pad/Pad_quantized

| Batchnorm Folding2023-12-14 07:06:16.275770: W tensorflow/c/c_api.cc:349] Operation '{name:'pool1_pad/Pad' id:56 op device:{requested: '', assigned: ''} def:{{{node pool1_pad/Pad}} = Pad[T=DT_FLOAT, Tpaddings=DT_INT32](conv1_relu/Relu_quantized:0, pool1_pad/Pad/paddings))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:16,714 - Quant - INFO - Adding activation quantization op pool1_pool/MaxPool_quantized

/ Batchnorm Folding2023-12-14 07:06:16.725222: W tensorflow/c/c_api.cc:349] Operation '{name:'pool1_pool/MaxPool' id:57 op device:{requested: '', assigned: ''} def:{{{node pool1_pool/MaxPool}} = MaxPool[T=DT_FLOAT, data_format="NHWC", explicit_paddings=[], ksize=[1, 3, 3, 1], padding="VALID", strides=[1, 2, 2, 1]](pool1_pad/Pad_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:17,168 - Quant - INFO - Adding activation quantization op conv2_block1_0_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:17.180249: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_0_conv/Conv2D' id:174 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_0_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](pool1_pool/MaxPool_quantized:0, conv2_block1_0_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:17,627 - Quant - INFO - Adding activation quantization op conv2_block1_add/add_quantized

```
\ Batchnorm Folding2023-12-14 07:06:17.639120: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block1_add/add' id:248 op device:{requested: '',
assigned: ''} def:{{{node conv2_block1_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block1_0_conv/BiasAdd_quantized:0,
conv2_block1_3_conv/BiasAdd)}}' was changed by updating input tensor after it
was run by a session. This mutation will have no effect, and will trigger an
error in the future. Either don't modify nodes after running them or create a
new session.
```

2023-12-14 07:06:18,074 - Quant - INFO - Adding activation quantization op conv2_block1_out/Relu_quantized

```
\ Batchnorm Folding2023-12-14 07:06:18.084855: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block1_out/Relu' id:249 op device:{requested: '',
assigned: ''} def:{{{node conv2_block1_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block1_add/add_quantized:0)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 07:06:18,535 - Quant - INFO - Adding activation quantization op conv2_block2_add/add_quantized

```
| Batchnorm Folding2023-12-14 07:06:18.546808: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block2_1_conv/Conv2D' id:270 op device:{requested: '',
assigned: ''} def:{{{node conv2_block2_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv2_block1_out/Relu_quantized:0,
conv2_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 07:06:18,990 - Quant - INFO - Adding activation quantization op conv2_block2_out/Relu_quantized

```
/ Batchnorm Folding2023-12-14 07:06:19.000903: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv2_block2_out/Relu' id:394 op device:{requested: '',
assigned: ''} def:{{{node conv2_block2_out/Relu}}} =
Relu[T=DT_FLOAT](conv2_block2_add/add_quantized:0)}}' was changed by updating
input tensor after it was run by a session. This mutation will have no effect,
and will trigger an error in the future. Either don't modify nodes after running
them or create a new session.
```

2023-12-14 07:06:19,439 - Quant - INFO - Adding activation quantization op conv2_block3_add/add_quantized

```
- Batchnorm Folding2023-12-14 07:06:19.450469: W tensorflow/c/c_api.cc:349]
```


Operation '{name:'conv2_block3_add/add' id:538 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}}} = AddV2[T=DT_FLOAT](conv2_block2_out/Relu_quantized:0, conv2_block3_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:19,892 - Quant - INFO - Adding activation quantization op conv2_block3_out/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:19.902695: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_out/Relu' id:539 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv2_block3_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:20,344 - Quant - INFO - Adding activation quantization op conv3_block1_0_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:20.354716: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_0_conv/Conv2D' id:656 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_0_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv2_block3_out/Relu_quantized:0, conv3_block1_0_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:20,799 - Quant - INFO - Adding activation quantization op conv3_block1_add/add_quantized

/ Batchnorm Folding2023-12-14 07:06:20.810987: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:730 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}}} = AddV2[T=DT_FLOAT](conv3_block1_0_conv/BiasAdd_quantized:0, conv3_block1_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:21,252 - Quant - INFO - Adding activation quantization op conv3_block1_out/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:21.264285: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_out/Relu' id:731 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv3_block1_add/add_quantized:0)}}' was changed by updating

input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:21,703 - Quant - INFO - Adding activation quantization op conv3_block2_add/add_quantized

\ Batchnorm Folding2023-12-14 07:06:21.714465: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_conv/Conv2D' id:752 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_out/Relu_quantized:0, conv3_block2_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:22,168 - Quant - INFO - Adding activation quantization op conv3_block2_out/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:22.180213: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_out/Relu' id:876 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_out/Relu}} = Relu[T=DT_FLOAT](conv3_block2_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:22,622 - Quant - INFO - Adding activation quantization op conv3_block3_add/add_quantized

/ Batchnorm Folding2023-12-14 07:06:22.634657: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_add/add' id:1020 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_add/add}} = AddV2[T=DT_FLOAT](conv3_block2_out/Relu_quantized:0, conv3_block3_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:23,082 - Quant - INFO - Adding activation quantization op conv3_block3_out/Relu_quantized

/ Batchnorm Folding2023-12-14 07:06:23.092904: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_out/Relu' id:1021 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_out/Relu}} = Relu[T=DT_FLOAT](conv3_block3_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:23,531 - Quant - INFO - Adding activation quantization op conv3_block4_add/add_quantized

- Batchnorm Folding2023-12-14 07:06:23.543321: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_conv/Conv2D' id:1042 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_out/Relu_quantized:0, conv3_block4_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:23,989 - Quant - INFO - Adding activation quantization op conv3_block4_out/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:24.000869: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_out/Relu' id:1166 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_out/Relu}} = Relu[T=DT_FLOAT](conv3_block4_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:24,446 - Quant - INFO - Adding activation quantization op conv4_block1_0_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:24.457078: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_conv/Conv2D' id:1187 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv3_block4_out/Relu_quantized:0, conv4_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:24,910 - Quant - INFO - Adding activation quantization op conv4_block1_add/add_quantized

/ Batchnorm Folding2023-12-14 07:06:24.922082: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1377 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}} = AddV2[T=DT_FLOAT](conv4_block1_0_conv/BiasAdd_quantized:0, conv4_block1_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:25,382 - Quant - INFO - Adding activation quantization op conv4_block1_out/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:25.393036: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_out/Relu' id:1378 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:25,847 - Quant - INFO - Adding activation quantization op conv4_block2_add/add_quantized

\ Batchnorm Folding2023-12-14 07:06:25.859048: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1532 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu_quantized:0, conv4_block2_3_conv/BiasAdd))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:26,308 - Quant - INFO - Adding activation quantization op conv4_block2_out/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:26.319690: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_out/Relu' id:1533 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block2_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:26,774 - Quant - INFO - Adding activation quantization op conv4_block3_add/add_quantized

/ Batchnorm Folding2023-12-14 07:06:26.784777: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_add/add' id:1687 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_add/add}}} = AddV2[T=DT_FLOAT](conv4_block2_out/Relu_quantized:0, conv4_block3_3_conv/BiasAdd))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:27,233 - Quant - INFO - Adding activation quantization op conv4_block3_out/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:27.244305: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_out/Relu' id:1688 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_out/Relu}}} =

Relu[T=DT_FLOAT](conv4_block3_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:27,692 - Quant - INFO - Adding activation quantization op conv4_block4_add/add_quantized

\ Batchnorm Folding2023-12-14 07:06:27.702873: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_add/add' id:1842 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_add/add}}} = AddV2[T=DT_FLOAT](conv4_block3_out/Relu_quantized:0, conv4_block4_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:28,149 - Quant - INFO - Adding activation quantization op conv4_block4_out/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:28.160334: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_out/Relu' id:1843 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block4_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:28,613 - Quant - INFO - Adding activation quantization op conv4_block5_add/add_quantized

| Batchnorm Folding2023-12-14 07:06:28.624617: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_add/add' id:1997 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_add/add}}} = AddV2[T=DT_FLOAT](conv4_block4_out/Relu_quantized:0, conv4_block5_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:29,068 - Quant - INFO - Adding activation quantization op conv4_block5_out/Relu_quantized

/ Batchnorm Folding2023-12-14 07:06:29.078589: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_out/Relu' id:1998 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block5_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:29,530 - Quant - INFO - Adding activation quantization op conv4_block6_add/add_quantized

- Batchnorm Folding2023-12-14 07:06:29.541203: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_add/add' id:2152 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_add/add}}} = AddV2[T=DT_FLOAT](conv4_block5_out/Relu_quantized:0, conv4_block6_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:29,995 - Quant - INFO - Adding activation quantization op conv4_block6_out/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:30.006106: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_out/Relu' id:2153 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_out/Relu}}} = Relu[T=DT_FLOAT](conv4_block6_add/add_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:30,463 - Quant - INFO - Adding activation quantization op conv5_block1_0_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:30.473605: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_1_conv/Conv2D' id:2174 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_1_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 2, 2, 1], use_cudnn_on_gpu=true](conv4_block6_out/Relu_quantized:0, conv5_block1_1_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:30,925 - Quant - INFO - Adding activation quantization op conv5_block1_add/add_quantized

/ Batchnorm Folding2023-12-14 07:06:30.935952: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_add/add' id:2364 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_0_conv/BiasAdd_quantized:0, conv5_block1_3_conv/BiasAdd)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:31,393 - Quant - INFO - Adding activation quantization op conv5_block1_out/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:31.404928: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block1_out/Relu' id:2365 op device:{requested: '', assigned: ''} def:{{{node conv5_block1_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block1_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:31,860 - Quant - INFO - Adding activation quantization op conv5_block2_add/add_quantized

\ Batchnorm Folding2023-12-14 07:06:31.870976: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_add/add' id:2519 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_add/add}}} = AddV2[T=DT_FLOAT](conv5_block1_out/Relu_quantized:0, conv5_block2_3_conv/BiasAdd))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:32,330 - Quant - INFO - Adding activation quantization op conv5_block2_out/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:32.341543: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_out/Relu' id:2520 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:32,800 - Quant - INFO - Adding activation quantization op conv5_block3_add/add_quantized

/ Batchnorm Folding2023-12-14 07:06:32.811204: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2674 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_add/add}}} = AddV2[T=DT_FLOAT](conv5_block2_out/Relu_quantized:0, conv5_block3_3_conv/BiasAdd))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:33,269 - Quant - INFO - Adding activation quantization op conv5_block3_out/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:33.280911: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_out/Relu' id:2675 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_out/Relu}}} = Relu[T=DT_FLOAT](conv5_block3_add/add_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect,

and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:33,738 - Quant - INFO - Adding activation quantization op global_average_pooling2d/Mean_quantized

\ Batchnorm Folding2023-12-14 07:06:33.750611: W tensorflow/c/c_api.cc:349] Operation '{name:'global_average_pooling2d/Mean' id:2677 op device:{requested: '', assigned: ''} def:{{{node global_average_pooling2d/Mean}}} = Mean[T=DT_FLOAT, Tidx=DT_INT32, keep_dims=false](conv5_block3_out/Relu_quantized:0, global_average_pooling2d/Mean/reduction_indices)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:34,214 - Quant - INFO - Adding activation quantization op dense/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:34.225296: W tensorflow/c/c_api.cc:349] Operation '{name:'dense/MatMul' id:2698 op device:{requested: '', assigned: ''} def:{{{node dense/MatMul}}} = MatMul[T=DT_FLOAT, transpose_a=false, transpose_b=false](global_average_pooling2d/Mean_quantized:0, dense/MatMul/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:34,688 - Quant - INFO - Adding activation quantization op dense/Softmax_quantized

/ Batchnorm Folding2023-12-14 07:06:34.699248: W tensorflow/c/c_api.cc:349] Operation '{name:'loss/dense_loss/softmax_cross_entropy_with_logits/Shape_1' id:4017 op device:{requested: '', assigned: ''} def:{{{node loss/dense_loss/softmax_cross_entropy_with_logits/Shape_1}}} = Shape[T=DT_FLOAT, out_type=DT_INT32](dense/BiasAdd_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:35,160 - Quant - INFO - Adding activation quantization op conv5_block3_1_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:35.171401: W tensorflow/c/c_api.cc:349] Operation '{name:'metrics/accuracy/ArgMax_1' id:3998 op device:{requested: '', assigned: ''} def:{{{node metrics/accuracy/ArgMax_1}}} = ArgMax[T=DT_FLOAT, Tidx=DT_INT32, output_type=DT_INT64](dense/Softmax_quantized:0, metrics/accuracy/ArgMax_1/dimension)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:35,642 - Quant - INFO - Adding activation quantization op conv5_block3_1_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:35.654016: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_1_relu/Relu' id:2568 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block3_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:36,156 - Quant - INFO - Adding activation quantization op conv5_block3_2_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:36.168233: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_conv/Conv2D' id:2589 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_1_relu/Relu_quantized:0, conv5_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:36,662 - Quant - INFO - Adding activation quantization op conv5_block3_2_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:06:36.673531: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_2_relu/Relu' id:2616 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block3_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:37,141 - Quant - INFO - Adding activation quantization op conv5_block3_3_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:06:37.151491: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_3_conv/Conv2D' id:2639 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block3_2_relu/Relu_quantized:0, conv5_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:37,622 - Quant - INFO - Adding activation quantization op conv5_block2_1_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:37.633559: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block3_add/add' id:2674 op device:{requested: '', assigned: ''} def:{{{node conv5_block3_add/add}}} = AddV2[T=DT_FLOAT](conv5_block2_out/Relu_quantized:0, conv5_block3_3_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:38,103 - Quant - INFO - Adding activation quantization op conv5_block2_1_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:38.114404: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_1_relu/Relu' id:2413 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:38,604 - Quant - INFO - Adding activation quantization op conv5_block2_2_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:38.615353: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_conv/Conv2D' id:2434 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv5_block2_1_relu/Relu_quantized:0, conv5_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:39,108 - Quant - INFO - Adding activation quantization op conv5_block2_2_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:06:39.119578: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_2_relu/Relu' id:2461 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv5_block2_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:39,620 - Quant - INFO - Adding activation quantization op conv5_block2_3_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:39.632418: W tensorflow/c/c_api.cc:349] Operation '{name:'conv5_block2_3_conv/Conv2D' id:2484 op device:{requested: '', assigned: ''} def:{{{node conv5_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],

padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block2_2_relu/Relu_quantized:0,
conv5_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:06:40,127 - Quant - INFO - Adding activation quantization op
conv5_block1_1_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:06:40.138494: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv5_block2_add/add' id:2519 op device:{requested: '',
assigned: ''} def:{{{node conv5_block2_add/add}}} =
AddV2[T=DT_FLOAT](conv5_block1_out/Relu_quantized:0,
conv5_block2_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 07:06:40,622 - Quant - INFO - Adding activation quantization op
conv5_block1_1_relu/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:40.633724: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv5_block1_1_relu/Relu' id:2201 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block1_1_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:06:41,112 - Quant - INFO - Adding activation quantization op
conv5_block1_2_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:06:41.122747: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv5_block1_2_conv/Conv2D' id:2222 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_1_relu/Relu_quantized:0,
conv5_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:06:41,610 - Quant - INFO - Adding activation quantization op
conv5_block1_2_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:41.621650: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv5_block1_2_relu/Relu' id:2249 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv5_block1_2_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:42,098 - Quant - INFO - Adding activation quantization op conv5_block1_3_conv/BiasAdd_quantized

```
\ Batchnorm Folding2023-12-14 07:06:42.109459: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv5_block1_3_conv/Conv2D' id:2297 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv5_block1_2_relu/Relu_quantized:0,
conv5_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 07:06:42,598 - Quant - INFO - Adding activation quantization op conv4_block6_1_conv/BiasAdd_quantized

```
| Batchnorm Folding2023-12-14 07:06:42.612558: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv5_block1_add/add' id:2364 op device:{requested: '',
assigned: ''} def:{{{node conv5_block1_add/add}} =
AddV2[T=DT_FLOAT](conv5_block1_0_conv/BiasAdd_quantized:0,
conv5_block1_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.
```

2023-12-14 07:06:43,094 - Quant - INFO - Adding activation quantization op conv4_block6_1_relu/Relu_quantized

```
/ Batchnorm Folding2023-12-14 07:06:43.105898: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block6_1_relu/Relu' id:2046 op device:{requested: '',
assigned: ''} def:{{{node conv4_block6_1_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block6_1_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 07:06:43,594 - Quant - INFO - Adding activation quantization op conv4_block6_2_conv/BiasAdd_quantized

```
- Batchnorm Folding2023-12-14 07:06:43.613366: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block6_2_conv/Conv2D' id:2067 op device:{requested: '',
assigned: ''} def:{{{node conv4_block6_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block6_1_relu/Relu_quantized:0,
conv4_block6_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
```

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:44,108 - Quant - INFO - Adding activation quantization op conv4_block6_2_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:44.119120: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_2_relu/Relu' id:2094 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block6_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:44,606 - Quant - INFO - Adding activation quantization op conv4_block6_3_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:44.617144: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_3_conv/Conv2D' id:2117 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block6_2_relu/Relu_quantized:0, conv4_block6_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:45,099 - Quant - INFO - Adding activation quantization op conv4_block5_1_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:06:45.110612: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block6_add/add' id:2152 op device:{requested: '', assigned: ''} def:{{{node conv4_block6_add/add}}} = AddV2[T=DT_FLOAT](conv4_block5_out/Relu_quantized:0, conv4_block6_3_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:45,599 - Quant - INFO - Adding activation quantization op conv4_block5_1_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:45.610832: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block5_1_relu/Relu' id:1891 op device:{requested: '', assigned: ''} def:{{{node conv4_block5_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block5_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:46,123 - Quant - INFO - Adding activation quantization op conv4_block5_2_conv/BiasAdd_quantized

```
\ Batchnorm Folding2023-12-14 07:06:46.134844: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block5_2_conv/Conv2D' id:1912 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block5_1_relu/Relu_quantized:0,
conv4_block5_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 07:06:46,640 - Quant - INFO - Adding activation quantization op conv4_block5_2_relu/Relu_quantized

```
| Batchnorm Folding2023-12-14 07:06:46.651357: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block5_2_relu/Relu' id:1939 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_2_relu/Relu}} =
Relu[T=DT_FLOAT](conv4_block5_2_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 07:06:47,134 - Quant - INFO - Adding activation quantization op conv4_block5_3_conv/BiasAdd_quantized

```
/ Batchnorm Folding2023-12-14 07:06:47.145235: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block5_3_conv/Conv2D' id:1962 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block5_2_relu/Relu_quantized:0,
conv4_block5_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.
```

2023-12-14 07:06:47,634 - Quant - INFO - Adding activation quantization op conv4_block4_1_conv/BiasAdd_quantized

```
- Batchnorm Folding2023-12-14 07:06:47.645576: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block5_add/add' id:1997 op device:{requested: '',
assigned: ''} def:{{{node conv4_block5_add/add}} =
AddV2[T=DT_FLOAT](conv4_block4_out/Relu_quantized:0,
conv4_block5_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.
```

2023-12-14 07:06:48,134 - Quant - INFO - Adding activation quantization op conv4_block4_1_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:48.148405: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_1_relu/Relu' id:1736 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block4_1_conv/BiasAdd_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:48,653 - Quant - INFO - Adding activation quantization op conv4_block4_2_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:48.665925: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_conv/Conv2D' id:1757 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_1_relu/Relu_quantized:0, conv4_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:49,190 - Quant - INFO - Adding activation quantization op conv4_block4_2_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:49.201978: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_2_relu/Relu' id:1784 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block4_2_conv/BiasAdd_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:49,718 - Quant - INFO - Adding activation quantization op conv4_block4_3_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:06:49.728556: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_3_conv/Conv2D' id:1807 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block4_2_relu/Relu_quantized:0, conv4_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:50,220 - Quant - INFO - Adding activation quantization op conv4_block3_1_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:50.233525: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block4_add/add' id:1842 op device:{requested: '', assigned: ''} def:{{{node conv4_block4_add/add}}} = AddV2[T=DT_FLOAT](conv4_block3_out/Relu_quantized:0, conv4_block4_3_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:50,732 - Quant - INFO - Adding activation quantization op conv4_block3_1_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:06:50.743991: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_1_relu/Relu' id:1581 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block3_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:51,237 - Quant - INFO - Adding activation quantization op conv4_block3_2_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:51.247838: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_conv/Conv2D' id:1602 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block3_1_relu/Relu_quantized:0, conv4_block3_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:51,749 - Quant - INFO - Adding activation quantization op conv4_block3_2_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:51.760186: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_2_relu/Relu' id:1629 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block3_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:52,280 - Quant - INFO - Adding activation quantization op conv4_block3_3_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:52.292051: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block3_3_conv/Conv2D' id:1652 op device:{requested: '', assigned: ''} def:{{{node conv4_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],

padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block3_2_relu/Relu_quantized:0,
conv4_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:06:52,829 - Quant - INFO - Adding activation quantization op
conv4_block2_1_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:06:52.840439: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block3_add/add' id:1687 op device:{requested: '',
assigned: ''} def:{{{node conv4_block3_add/add}}} =
AddV2[T=DT_FLOAT](conv4_block2_out/Relu_quantized:0,
conv4_block3_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 07:06:53,376 - Quant - INFO - Adding activation quantization op
conv4_block2_1_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:53.387658: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block2_1_relu/Relu' id:1426 op device:{requested: '',
assigned: ''} def:{{{node conv4_block2_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block2_1_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:06:53,925 - Quant - INFO - Adding activation quantization op
conv4_block2_2_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:06:53.936042: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block2_2_conv/Conv2D' id:1447 op device:{requested: '',
assigned: ''} def:{{{node conv4_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv4_block2_1_relu/Relu_quantized:0,
conv4_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:06:54,438 - Quant - INFO - Adding activation quantization op
conv4_block2_2_relu/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:54.449659: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv4_block2_2_relu/Relu' id:1474 op device:{requested: '',
assigned: ''} def:{{{node conv4_block2_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv4_block2_2_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:54,952 - Quant - INFO - Adding activation quantization op conv4_block2_3_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:06:54.963738: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_3_conv/Conv2D' id:1497 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block2_2_relu/Relu_quantized:0, conv4_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:55,488 - Quant - INFO - Adding activation quantization op conv4_block1_1_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:55.499496: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block2_add/add' id:1532 op device:{requested: '', assigned: ''} def:{{{node conv4_block2_add/add}} = AddV2[T=DT_FLOAT](conv4_block1_out/Relu_quantized:0, conv4_block2_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:56,000 - Quant - INFO - Adding activation quantization op conv4_block1_1_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:06:56.010603: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_1_relu/Relu' id:1214 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_1_relu/Relu}} = Relu[T=DT_FLOAT](conv4_block1_1_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:56,515 - Quant - INFO - Adding activation quantization op conv4_block1_2_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:06:56.525497: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_conv/Conv2D' id:1235 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_1_relu/Relu_quantized:0, conv4_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:57,028 - Quant - INFO - Adding activation quantization op conv4_block1_2_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:06:57.039698: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_2_relu/Relu' id:1262 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv4_block1_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:57,562 - Quant - INFO - Adding activation quantization op conv4_block1_3_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:06:57.573035: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_3_conv/Conv2D' id:1310 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv4_block1_2_relu/Relu_quantized:0, conv4_block1_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:58,079 - Quant - INFO - Adding activation quantization op conv3_block4_1_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:06:58.090402: W tensorflow/c/c_api.cc:349] Operation '{name:'conv4_block1_add/add' id:1377 op device:{requested: '', assigned: ''} def:{{{node conv4_block1_add/add}}} = AddV2[T=DT_FLOAT](conv4_block1_0_conv/BiasAdd_quantized:0, conv4_block1_3_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:58,621 - Quant - INFO - Adding activation quantization op conv3_block4_1_relu/Relu_quantized

| Batchnorm Folding2023-12-14 07:06:58.631967: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_1_relu/Relu' id:1069 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block4_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:59,147 - Quant - INFO - Adding activation quantization op conv3_block4_2_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:06:59.158632: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_conv/Conv2D' id:1090 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_1_relu/Relu_quantized:0, conv3_block4_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:06:59,676 - Quant - INFO - Adding activation quantization op conv3_block4_2_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:06:59.687662: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_2_relu/Relu' id:1117 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_2_relu/Relu}} = Relu[T=DT_FLOAT](conv3_block4_2_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:00,195 - Quant - INFO - Adding activation quantization op conv3_block4_3_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:07:00.205871: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_3_conv/Conv2D' id:1138 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block4_2_relu/Relu_quantized:0, conv3_block4_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:00,710 - Quant - INFO - Adding activation quantization op conv3_block3_1_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:07:00.723426: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block4_add/add' id:1165 op device:{requested: '', assigned: ''} def:{{{node conv3_block4_add/add}} = AddV2[T=DT_FLOAT](conv3_block3_out/Relu_quantized:0, conv3_block4_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:01,226 - Quant - INFO - Adding activation quantization op conv3_block3_1_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:07:01.237940: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_1_relu/Relu' id:924 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block3_1_conv/BiasAdd_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:01,750 - Quant - INFO - Adding activation quantization op conv3_block3_2_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:07:01.761934: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_conv/Conv2D' id:945 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_1_relu/Relu_quantized:0, conv3_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:02,276 - Quant - INFO - Adding activation quantization op conv3_block3_2_relu/Relu_quantized

| Batchnorm Folding2023-12-14 07:07:02.287344: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_2_relu/Relu' id:972 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block3_2_conv/BiasAdd_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:02,799 - Quant - INFO - Adding activation quantization op conv3_block3_3_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:07:02.810754: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_3_conv/Conv2D' id:993 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block3_2_relu/Relu_quantized:0, conv3_block3_3_conv/Conv2D/ReadVariableOp_quantized:0)}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:03,338 - Quant - INFO - Adding activation quantization op conv3_block2_1_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:07:03.349302: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block3_add/add' id:1020 op device:{requested: '', assigned: ''} def:{{{node conv3_block3_add/add}}} = AddV2[T=DT_FLOAT](conv3_block2_out/Relu_quantized:0, conv3_block3_3_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:03,855 - Quant - INFO - Adding activation quantization op conv3_block2_1_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:07:03.867367: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_1_relu/Relu' id:779 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block2_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:04,377 - Quant - INFO - Adding activation quantization op conv3_block2_2_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:07:04.388267: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_conv/Conv2D' id:800 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block2_1_relu/Relu_quantized:0, conv3_block2_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:04,898 - Quant - INFO - Adding activation quantization op conv3_block2_2_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:07:04.914596: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_2_relu/Relu' id:827 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv3_block2_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:05,436 - Quant - INFO - Adding activation quantization op conv3_block2_3_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:07:05.446958: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block2_3_conv/Conv2D' id:848 op device:{requested: '', assigned: ''} def:{{{node conv3_block2_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],

padding="VALID", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block2_2_relu/Relu_quantized:0,
conv3_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:07:05,960 - Quant - INFO - Adding activation quantization op
conv3_block1_1_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:07:05.972422: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block2_add/add' id:875 op device:{requested: '',
assigned: ''} def:{{{node conv3_block2_add/add}}} =
AddV2[T=DT_FLOAT](conv3_block1_out/Relu_quantized:0,
conv3_block2_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 07:07:06,496 - Quant - INFO - Adding activation quantization op
conv3_block1_1_relu/Relu_quantized

| Batchnorm Folding2023-12-14 07:07:06.506381: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block1_1_relu/Relu' id:587 op device:{requested: '',
assigned: ''} def:{{{node conv3_block1_1_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block1_1_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:07:07,059 - Quant - INFO - Adding activation quantization op
conv3_block1_2_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:07:07.070361: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block1_2_conv/Conv2D' id:608 op device:{requested: '',
assigned: ''} def:{{{node conv3_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT,
data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[],
padding="SAME", strides=[1, 1, 1, 1],
use_cudnn_on_gpu=true](conv3_block1_1_relu/Relu_quantized:0,
conv3_block1_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no
effect, and will trigger an error in the future. Either don't modify nodes after
running them or create a new session.

2023-12-14 07:07:07,590 - Quant - INFO - Adding activation quantization op
conv3_block1_2_relu/Relu_quantized

- Batchnorm Folding2023-12-14 07:07:07.600886: W tensorflow/c/c_api.cc:349]
Operation '{name:'conv3_block1_2_relu/Relu' id:635 op device:{requested: '',
assigned: ''} def:{{{node conv3_block1_2_relu/Relu}}} =
Relu[T=DT_FLOAT](conv3_block1_2_conv/BiasAdd_quantized:0)}}' was changed by
updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:08,120 - Quant - INFO - Adding activation quantization op conv3_block1_3_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:07:08.131159: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_3_conv/Conv2D' id:679 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv3_block1_2_relu/Relu_quantized:0, conv3_block1_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:08,654 - Quant - INFO - Adding activation quantization op conv2_block3_1_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:07:08.665490: W tensorflow/c/c_api.cc:349] Operation '{name:'conv3_block1_add/add' id:730 op device:{requested: '', assigned: ''} def:{{{node conv3_block1_add/add}} = AddV2[T=DT_FLOAT](conv3_block1_0_conv/BiasAdd_quantized:0, conv3_block1_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:09,178 - Quant - INFO - Adding activation quantization op conv2_block3_1_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:07:09.189530: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_1_relu/Relu' id:442 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_1_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block3_1_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:09,704 - Quant - INFO - Adding activation quantization op conv2_block3_2_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:07:09.715016: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_conv/Conv2D' id:463 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_1_relu/Relu_quantized:0, conv2_block3_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no

effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:10,231 - Quant - INFO - Adding activation quantization op conv2_block3_2_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:07:10.241900: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_2_relu/Relu' id:490 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_2_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block3_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:10,782 - Quant - INFO - Adding activation quantization op conv2_block3_3_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:07:10.793325: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_3_conv/Conv2D' id:511 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block3_2_relu/Relu_quantized:0, conv2_block3_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:11,318 - Quant - INFO - Adding activation quantization op conv2_block2_1_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:07:11.328719: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block3_add/add' id:538 op device:{requested: '', assigned: ''} def:{{{node conv2_block3_add/add}} = AddV2[T=DT_FLOAT](conv2_block2_out/Relu_quantized:0, conv2_block3_3_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:11,859 - Quant - INFO - Adding activation quantization op conv2_block2_1_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:07:11.869959: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_1_relu/Relu' id:297 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_1_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block2_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:12,430 - Quant - INFO - Adding activation quantization op conv2_block2_2_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:07:12.441284: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_conv/Conv2D' id:318 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_1_relu/Relu_quantized:0, conv2_block2_2_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:12,997 - Quant - INFO - Adding activation quantization op conv2_block2_2_relu/Relu_quantized

/ Batchnorm Folding2023-12-14 07:07:13.008088: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_2_relu/Relu' id:345 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_2_relu/Relu}} = Relu[T=DT_FLOAT](conv2_block2_2_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:13,588 - Quant - INFO - Adding activation quantization op conv2_block2_3_conv/BiasAdd_quantized

- Batchnorm Folding2023-12-14 07:07:13.599457: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_3_conv/Conv2D' id:366 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_3_conv/Conv2D}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block2_2_relu/Relu_quantized:0, conv2_block2_3_conv/Conv2D/ReadVariableOp_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:14,144 - Quant - INFO - Adding activation quantization op conv2_block1_1_conv/BiasAdd_quantized

\ Batchnorm Folding2023-12-14 07:07:14.154952: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block2_add/add' id:393 op device:{requested: '', assigned: ''} def:{{{node conv2_block2_add/add}} = AddV2[T=DT_FLOAT](conv2_block1_out/Relu_quantized:0, conv2_block2_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:14,692 - Quant - INFO - Adding activation quantization op conv2_block1_1_relu/Relu_quantized

| Batchnorm Folding2023-12-14 07:07:14.702933: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_1_relu/Relu' id:105 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_1_relu/Relu}}} = Relu[T=DT_FLOAT](conv2_block1_1_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:15,237 - Quant - INFO - Adding activation quantization op conv2_block1_2_conv/BiasAdd_quantized

/ Batchnorm Folding2023-12-14 07:07:15.248027: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_conv/Conv2D' id:126 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="SAME", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_1_relu/Relu_quantized:0, conv2_block1_2_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:15,787 - Quant - INFO - Adding activation quantization op conv2_block1_2_relu/Relu_quantized

\ Batchnorm Folding2023-12-14 07:07:15.798125: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_2_relu/Relu' id:153 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_2_relu/Relu}}} = Relu[T=DT_FLOAT](conv2_block1_2_conv/BiasAdd_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

2023-12-14 07:07:16,339 - Quant - INFO - Adding activation quantization op conv2_block1_3_conv/BiasAdd_quantized

| Batchnorm Folding2023-12-14 07:07:16.350211: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_3_conv/Conv2D' id:197 op device:{requested: '', assigned: ''} def:{{{node conv2_block1_3_conv/Conv2D}}} = Conv2D[T=DT_FLOAT, data_format="NHWC", dilations=[1, 1, 1, 1], explicit_paddings=[], padding="VALID", strides=[1, 1, 1, 1], use_cudnn_on_gpu=true](conv2_block1_2_relu/Relu_quantized:0, conv2_block1_3_conv/Conv2D/ReadVariableOp_quantized:0))}' was changed by updating input tensor after it was run by a session. This mutation will have no effect, and will trigger an error in the future. Either don't modify nodes after running them or create a new session.

/ Batchnorm Folding2023-12-14 07:07:16.899303: W tensorflow/c/c_api.cc:349] Operation '{name:'conv2_block1_add/add' id:248 op device:{requested: '',

assigned: ''} def:{{{node conv2_block1_add/add}}} =
AddV2[T=DT_FLOAT](conv2_block1_0_conv/BiasAdd_quantized:0,
conv2_block1_3_conv/BiasAdd_quantized:0)}}' was changed by updating input tensor
after it was run by a session. This mutation will have no effect, and will
trigger an error in the future. Either don't modify nodes after running them or
create a new session.

2023-12-14 07:08:26,428 - Utils - INFO - ... subset to store
[conv1_conv/Conv2D, conv1_relu/Relu]

2023-12-14 07:08:26,433 - Utils - INFO - ... subset to store
[conv2_block1_add/add, conv2_block1_out/Relu]

2023-12-14 07:08:26,438 - Utils - INFO - ... subset to store
[conv2_block2_add/add, conv2_block2_out/Relu]

2023-12-14 07:08:26,443 - Utils - INFO - ... subset to store
[conv2_block3_add/add, conv2_block3_out/Relu]

2023-12-14 07:08:26,449 - Utils - INFO - ... subset to store
[conv3_block1_add/add, conv3_block1_out/Relu]

2023-12-14 07:08:26,454 - Utils - INFO - ... subset to store
[conv3_block2_add/add, conv3_block2_out/Relu]

2023-12-14 07:08:26,458 - Utils - INFO - ... subset to store
[conv3_block3_add/add, conv3_block3_out/Relu]

2023-12-14 07:08:26,464 - Utils - INFO - ... subset to store
[conv3_block4_add/add, conv3_block4_out/Relu]

2023-12-14 07:08:26,470 - Utils - INFO - ... subset to store
[conv4_block1_add/add, conv4_block1_out/Relu]

2023-12-14 07:08:26,476 - Utils - INFO - ... subset to store
[conv4_block2_add/add, conv4_block2_out/Relu]

2023-12-14 07:08:26,480 - Utils - INFO - ... subset to store
[conv4_block3_add/add, conv4_block3_out/Relu]

2023-12-14 07:08:26,485 - Utils - INFO - ... subset to store
[conv4_block4_add/add, conv4_block4_out/Relu]

2023-12-14 07:08:26,489 - Utils - INFO - ... subset to store
[conv4_block5_add/add, conv4_block5_out/Relu]

2023-12-14 07:08:26,493 - Utils - INFO - ... subset to store
[conv4_block6_add/add, conv4_block6_out/Relu]

2023-12-14 07:08:26,499 - Utils - INFO - ... subset to store
[conv5_block1_add/add, conv5_block1_out/Relu]

2023-12-14 07:08:26,503 - Utils - INFO - ... subset to store
[conv5_block2_add/add, conv5_block2_out/Relu]

2023-12-14 07:08:26,508 - Utils - INFO - ... subset to store
[conv5_block3_add/add, conv5_block3_out/Relu]

2023-12-14 07:08:26,513 - Utils - INFO - ... subset to store
[conv5_block3_1_conv/Conv2D, conv5_block3_1_relu/Relu]

2023-12-14 07:08:26,520 - Utils - INFO - ... subset to store
[conv5_block3_2_conv/Conv2D, conv5_block3_2_relu/Relu]

2023-12-14 07:08:26,528 - Utils - INFO - ... subset to store
[conv5_block2_1_conv/Conv2D, conv5_block2_1_relu/Relu]

2023-12-14 07:08:26,535 - Utils - INFO - ... subset to store
[conv5_block2_2_conv/Conv2D, conv5_block2_2_relu/Relu]

2023-12-14 07:08:26,542 - Utils - INFO - ... subset to store
[conv5_block1_1_conv/Conv2D, conv5_block1_1_relu/Relu]

2023-12-14 07:08:26,549 - Utils - INFO - ... subset to store
[conv5_block1_2_conv/Conv2D, conv5_block1_2_relu/Relu]

2023-12-14 07:08:26,557 - Utils - INFO - ... subset to store
[conv4_block6_1_conv/Conv2D, conv4_block6_1_relu/Relu]

2023-12-14 07:08:26,566 - Utils - INFO - ... subset to store
[conv4_block6_2_conv/Conv2D, conv4_block6_2_relu/Relu]

2023-12-14 07:08:26,572 - Utils - INFO - ... subset to store
[conv4_block5_1_conv/Conv2D, conv4_block5_1_relu/Relu]

2023-12-14 07:08:26,577 - Utils - INFO - ... subset to store
[conv4_block5_2_conv/Conv2D, conv4_block5_2_relu/Relu]

2023-12-14 07:08:26,583 - Utils - INFO - ... subset to store
[conv4_block4_1_conv/Conv2D, conv4_block4_1_relu/Relu]

2023-12-14 07:08:26,587 - Utils - INFO - ... subset to store
[conv4_block4_2_conv/Conv2D, conv4_block4_2_relu/Relu]

2023-12-14 07:08:26,592 - Utils - INFO - ... subset to store
[conv4_block3_1_conv/Conv2D, conv4_block3_1_relu/Relu]

2023-12-14 07:08:26,597 - Utils - INFO - ... subset to store
[conv4_block3_2_conv/Conv2D, conv4_block3_2_relu/Relu]

2023-12-14 07:08:26,602 - Utils - INFO - ... subset to store
[conv4_block2_1_conv/Conv2D, conv4_block2_1_relu/Relu]

2023-12-14 07:08:26,607 - Utils - INFO - ... subset to store
[conv4_block2_2_conv/Conv2D, conv4_block2_2_relu/Relu]

2023-12-14 07:08:26,611 - Utils - INFO - ... subset to store
[conv4_block1_1_conv/Conv2D, conv4_block1_1_relu/Relu]

2023-12-14 07:08:26,616 - Utils - INFO - ... subset to store
[conv4_block1_2_conv/Conv2D, conv4_block1_2_relu/Relu]

2023-12-14 07:08:26,620 - Utils - INFO - ... subset to store
[conv3_block4_1_conv/Conv2D, conv3_block4_1_relu/Relu]

2023-12-14 07:08:26,625 - Utils - INFO - ... subset to store
[conv3_block4_2_conv/Conv2D, conv3_block4_2_relu/Relu]

2023-12-14 07:08:26,629 - Utils - INFO - ... subset to store
[conv3_block3_1_conv/Conv2D, conv3_block3_1_relu/Relu]

2023-12-14 07:08:26,634 - Utils - INFO - ... subset to store
[conv3_block3_2_conv/Conv2D, conv3_block3_2_relu/Relu]

2023-12-14 07:08:26,640 - Utils - INFO - ... subset to store
[conv3_block2_1_conv/Conv2D, conv3_block2_1_relu/Relu]

2023-12-14 07:08:26,645 - Utils - INFO - ... subset to store
[conv3_block2_2_conv/Conv2D, conv3_block2_2_relu/Relu]

2023-12-14 07:08:26,650 - Utils - INFO - ... subset to store
[conv3_block1_1_conv/Conv2D, conv3_block1_1_relu/Relu]

2023-12-14 07:08:26,655 - Utils - INFO - ... subset to store
[conv3_block1_2_conv/Conv2D, conv3_block1_2_relu/Relu]

2023-12-14 07:08:26,660 - Utils - INFO - ... subset to store
[conv2_block3_1_conv/Conv2D, conv2_block3_1_relu/Relu]

2023-12-14 07:08:26,664 - Utils - INFO - ... subset to store
[conv2_block3_2_conv/Conv2D, conv2_block3_2_relu/Relu]

2023-12-14 07:08:26,669 - Utils - INFO - ... subset to store
[conv2_block2_1_conv/Conv2D, conv2_block2_1_relu/Relu]

2023-12-14 07:08:26,673 - Utils - INFO - ... subset to store
[conv2_block2_2_conv/Conv2D, conv2_block2_2_relu/Relu]

2023-12-14 07:08:26,678 - Utils - INFO - ... subset to store
[conv2_block1_1_conv/Conv2D, conv2_block1_1_relu/Relu]

2023-12-14 07:08:26,682 - Utils - INFO - ... subset to store
[conv2_block1_2_conv/Conv2D, conv2_block1_2_relu/Relu]

| Batchnorm Folding2023-12-14 07:08:30.720600: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:08:30.720796: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:08:30.720866: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:08:30.720990: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:08:30.721063: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:08:30.721132: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Batchnorm Folding

INFO:tensorflow:Restoring parameters from
/tmp/quantstim/_2023-12-14_07:08:26.691310/temp

2023-12-14 07:08:32,870 - tensorflow - INFO - Restoring parameters from
/tmp/quantstim/_2023-12-14_07:08:26.691310/temp

/ Batchnorm Folding
0%|

| 0/79 [00:00<?, ?it/s]2023-12-14 07:11:48.791123: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node


```

read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:11:48.791323: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:11:48.791388: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:11:48.791507: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:11:48.791580: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:11:48.791638: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
- Batchnorm Folding
  1%|
| 1/79 [00:04<05:45,  4.43s/it]
\ Batchnorm Folding
| 2/79 [00:04<02:40,  2.08s/it]
| Batchnorm Folding
| 3/79 [00:05<01:41,  1.33s/it]
/ Batchnorm Folding
| 4/79 [00:05<01:13,  1.02it/s]
- Batchnorm Folding
| 5/79 [00:06<00:57,  1.28it/s]
\ Batchnorm Folding
| 6/79 [00:06<00:48,  1.51it/s]
| Batchnorm Folding
| 7/79 [00:07<00:42,  1.70it/s]
/ Batchnorm Folding
| 8/79 [00:07<00:38,  1.85it/s]
 11%|
| 9/79 [00:07<00:35,  1.97it/s]
- Batchnorm Folding
| 10/79 [00:08<00:33,  2.06it/s]
\ Batchnorm Folding
| 11/79 [00:08<00:31,  2.13it/s]
| Batchnorm Folding
| 12/79 [00:09<00:30,  2.18it/s]

```

```

/ Batchnorm Folding
| 13/79 [00:09<00:29, 2.21it/s]
- Batchnorm Folding
| 14/79 [00:10<00:28, 2.24it/s]
\ Batchnorm Folding
| 15/79 [00:10<00:28, 2.26it/s]
| Batchnorm Folding
| 16/79 [00:10<00:27, 2.28it/s]
22%|
| 17/79 [00:11<00:27, 2.29it/s]
/ Batchnorm Folding
| 18/79 [00:11<00:26, 2.29it/s]
- Batchnorm Folding
| 19/79 [00:12<00:26, 2.30it/s]
\ Batchnorm Folding
| 20/79 [00:12<00:25, 2.29it/s]
| Batchnorm Folding
| 21/79 [00:13<00:25, 2.30it/s]
/ Batchnorm Folding
| 22/79 [00:13<00:24, 2.30it/s]
- Batchnorm Folding
| 23/79 [00:13<00:24, 2.30it/s]
30%|
| 24/79 [00:14<00:23, 2.30it/s]
\ Batchnorm Folding
| 25/79 [00:14<00:23, 2.31it/s]
| Batchnorm Folding
| 26/79 [00:15<00:23, 2.30it/s]
/ Batchnorm Folding
| 27/79 [00:15<00:22, 2.31it/s]
- Batchnorm Folding
| 28/79 [00:16<00:22, 2.30it/s]
\ Batchnorm Folding
| 29/79 [00:16<00:21, 2.30it/s]
| Batchnorm Folding
| 30/79 [00:17<00:21, 2.30it/s]
39%|
| 31/79 [00:17<00:20, 2.30it/s]
/ Batchnorm Folding
| 32/79 [00:17<00:20, 2.31it/s]
- Batchnorm Folding
| 33/79 [00:18<00:20, 2.30it/s]
\ Batchnorm Folding
| 34/79 [00:18<00:19, 2.30it/s]
| Batchnorm Folding
| 35/79 [00:19<00:19, 2.29it/s]
/ Batchnorm
Folding

```

| 36/79 [00:19<00:18, 2.29it/s]
- Batchnorm
Folding
| 37/79 [00:20<00:18, 2.29it/s]
\ Batchnorm
Folding
| 38/79 [00:20<00:17, 2.29it/s]
49%|

| 39/79 [00:20<00:17, 2.29it/s]
| Batchnorm
Folding
| 40/79 [00:21<00:17, 2.28it/s]
/ Batchnorm
Folding
| 41/79 [00:21<00:16, 2.28it/s]
- Batchnorm Folding

| 42/79 [00:22<00:16, 2.29it/s]
\ Batchnorm Folding

| 43/79 [00:22<00:15, 2.29it/s]
| Batchnorm Folding

| 44/79 [00:23<00:15, 2.29it/s]
/ Batchnorm Folding

| 45/79 [00:23<00:14, 2.29it/s]
- Batchnorm Folding

| 46/79 [00:24<00:14, 2.29it/s]
59%|

| 47/79 [00:24<00:13, 2.29it/s]
\ Batchnorm Folding

| 48/79 [00:24<00:13, 2.29it/s]
| Batchnorm Folding

| 49/79 [00:25<00:13, 2.29it/s]
/ Batchnorm Folding

| 50/79 [00:25<00:12, 2.29it/s]
- Batchnorm Folding

| 51/79 [00:26<00:12, 2.29it/s]
\ Batchnorm Folding

| 52/79 [00:26<00:11, 2.29it/s]
| Batchnorm Folding

| 53/79 [00:27<00:11, 2.28it/s]
/ Batchnorm Folding

| 54/79 [00:27<00:10, 2.28it/s]
70%|

| 55/79 [00:27<00:10, 2.29it/s]
- Batchnorm Folding

| 56/79 [00:28<00:10, 2.29it/s]
\ Batchnorm Folding

| 57/79 [00:28<00:09, 2.29it/s]
| Batchnorm Folding

| 58/79 [00:29<00:09, 2.30it/s]
/ Batchnorm Folding

| 59/79 [00:29<00:08, 2.30it/s]
- Batchnorm Folding

| 60/79 [00:30<00:08, 2.30it/s]
\ Batchnorm Folding

| 61/79 [00:30<00:07, 2.29it/s]
78%|

| 62/79 [00:30<00:07, 2.30it/s]
| Batchnorm Folding

| 63/79 [00:31<00:06, 2.30it/s]
/ Batchnorm Folding

| 64/79 [00:31<00:06, 2.30it/s]
- Batchnorm Folding

| 65/79 [00:32<00:06, 2.31it/s]
\ Batchnorm Folding

| 66/79 [00:32<00:05, 2.31it/s]
| Batchnorm Folding

| 67/79 [00:33<00:05, 2.31it/s]
/ Batchnorm Folding

```
| 68/79 [00:33<00:04, 2.30it/s]
- Batchnorm Folding

| 69/79 [00:34<00:04, 2.30it/s]
89%|

| 70/79 [00:34<00:03, 2.28it/s]
\ Batchnorm Folding

| 71/79 [00:34<00:03, 2.26it/s]
| Batchnorm Folding

| 72/79 [00:35<00:03, 2.27it/s]
/ Batchnorm Folding

| 73/79 [00:35<00:02, 2.28it/s]
- Batchnorm Folding

      | 74/79 [00:36<00:02, 2.29it/s]
\ Batchnorm Folding

      | 75/79 [00:36<00:01, 2.28it/s]
| Batchnorm Folding

      | 76/79 [00:37<00:01, 2.29it/s]
/ Batchnorm Folding

      | 77/79 [00:37<00:00, 2.29it/s]
99%|

      | 78/79 [00:37<00:00, 2.30it/s]
100%|

      | 79/79 [00:38<00:00, 2.06it/s]
```

2023-12-14 07:15:10,980 - Quant - INFO - The following quantizers did not have valid encodings and have been set to passThrough mode:
['dense/Softmax_quantized']

2023-12-14 07:15:10,981 - Quant - INFO - This can be due to the quantizers not having been evaluated during the forward pass in compute encodings. Evaluation is required to collect statistics needed to compute valid encodings.

As a result, the quantizers have been set to passThrough mode, meaning no quantization noise will be simulated for these ops if they are evaluated in the future.

If this is not desired, amend the forward pass to evaluate tensors which require these ops to be evaluated, and recompute encodings.

```
/ Batchnorm Folding2023-12-14 07:15:13.397957: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:15:13.407706: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:15:13.407786: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:15:13.407897: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:15:13.407962: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:15:13.408114: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory:  -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6
2023-12-14 07:18:02,637 - Quant - INFO - Original session is not provided, use
orig_model_before_quantsim.meta to export

2023-12-14 07:19:56,150 - AutoQuant - INFO - The results of Batchnorm Folding is
saved in /tmp/.trace/batchnorm_folding, /tmp/.trace/batchnorm_folding.meta, and
/tmp/.trace/batchnorm_folding.encodings.

/ Batchnorm Folding
2023-12-14 07:19:56,445 - AutoQuant - INFO - Session finished: Batchnorm
Folding. (eval score: 0.000000)

2023-12-14 07:19:56.454061: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:19:56.454956: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:19:56.456038: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
```

```
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:19:56.457265: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:19:56.457491: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:980] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2023-12-14 07:19:56.457558: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1616] Created device
/job:localhost/replica:0/task:0/device:GPU:0 with 1920 MB memory: -> device: 0,
name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0, compute
capability: 8.6

INFO:tensorflow:Restoring parameters from /tmp/.trace/batchnorm_folding
2023-12-14 07:19:57,601 - tensorflow - INFO - Restoring parameters from
/tmp/.trace/batchnorm_folding
2023-12-14 07:19:58,378 - AutoQuant - INFO - Best eval score: 0.000000
```

[29]: accuracy

[29]: 0.0

[30]: encoding_path

[30]: '/tmp/.trace/batchnorm_folding.encodings'

[31]: sess

[31]: <tensorflow.python.client.session.Session at 0x7f5dabac4f10>

[]:

[]: