2023-05-16 23:25:36.295435: I tensorflow/core/platform/cpu_feature_guard.cc:182] This TensorFlow binary is optimized to use available CPU instructions in performance-critical operations.
To enable the following instructions: AVX2 FMA, in other operations, rebuild TensorFlow with the appropriate compiler flags.
2023-05-16 23:25:37.342196: W tensorflow/compiler/tf2tensorrt/utils/py_utils.cc:38] TF-TRT Warning: Could not find TensorRT
/usr/local/lib/python3.10/dist-packages/tensorflow_addons/utils/tfa_eol_msg.py:23: UserWarning:

TensorFlow Addons (TFA) has ended development and introduction of new features. TFA has entered a minimal maintenance and release mode until a planned end of life in May 2024.
Please modify downstream libraries to take dependencies from other repositories in our TensorFlow community (e.g. Keras, Keras-CV, and Keras-NLP).

For more information see: https://github.com/tensorflow/addons/issues/2807

  warnings.warn(
2023-05-16 23:25:41.093465: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:41.142812: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:41.143248: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:41.144484: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:41.144848: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:41.145174: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero.

See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:42.603168: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:42.603600: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:42.603898: I tensorflow/compiler/xla/stream_executor/cuda/cuda_gpu_executor.cc:996] successful NUMA node read from SysFS had negative value (-1), but there must be at least one NUMA node, so returning NUMA node zero. See more at https://github.com/torvalds/linux/blob/v6.0/Documentation/ABI/testing/sysfs-bus-pci#L344-L355
2023-05-16 23:25:42.604061: W tensorflow/core/common_runtime/gpu/gpu_bfc_allocator.cc:47] Overriding orig_value setting because the TF_FORCE_GPU_ALLOW_GROWTH environment variable is set. Original config value was 0.
2023-05-16 23:25:42.604106: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1635] Created device /job:localhost/replica:0/task:0/device:GPU:0 with 13678 MB memory: -> device: 0, name: Tesla T4, pci bus id: 0000:00:04.0, compute capability: 7.5
INFO:tensorflow:Using MirroredStrategy with devices ('/job:localhost/replica:0/task:0/device:GPU:0',)
I0516 23:25:42.636668 139885134178112 mirrored_strategy.py:374] Using MirroredStrategy with devices ('/job:localhost/replica:0/task:0/device:GPU:0',)
INFO:tensorflow:Maybe overwriting train_steps: 3000
I0516 23:25:42.641599 139885134178112 config_util.py:552] Maybe overwriting train_steps: 3000
INFO:tensorflow:Maybe overwriting use_bfloat16: False
I0516 23:25:42.641810 139885134178112 config_util.py:552] Maybe overwriting use_bfloat16: False
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/object_detection/model_lib_v2.py:563: StrategyBase.experimental_distribute_datasets_from_function (from tensorflow.python.distribute.distribute_lib) is deprecated and will be removed in a future version.
Instructions for updating:
rename to distribute_datasets_from_function
W0516 23:25:42.927883 139885134178112 deprecation.py:364] From /usr/local/lib/python3.10/dist-packages/object_detection/model_lib_v2.py:563: StrategyBase.experimental_distribute_datasets_from_function (from tensorflow.python.distribute.distribute_lib) is deprecated and will be removed in a future version.
Instructions for updating:

rename to distribute_datasets_from_function
INFO:tensorflow:Reading unweighted datasets: ['/content/sample/tf_records/
train.record']
I0516 23:25:42.938330 139885134178112 dataset_builder.py:162] Reading unweighted
datasets: ['/content/sample/tf_records/train.record']
INFO:tensorflow:Reading record datasets for input file: ['/content/sample/tf_records/
train.record']
I0516 23:25:42.938577 139885134178112 dataset_builder.py:79] Reading record
datasets for input file: ['/content/sample/tf_records/train.record']
INFO:tensorflow:Number of filenames to read: 1
I0516 23:25:42.938683 139885134178112 dataset_builder.py:80] Number of filenames
to read: 1
WARNING:tensorflow:num_readers has been reduced to 1 to match input file shards.
W0516 23:25:42.938806 139885134178112 dataset_builder.py:86] num_readers has
been reduced to 1 to match input file shards.
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/object_detection/
builders/dataset_builder.py:100: parallel_interleave (from
tensorflow.python.data.experimental.ops.interleave_ops) is deprecated and will be
removed in a future version.
Instructions for updating:
Use `tf.data.Dataset.interleave(map_func, cycle_length, block_length,
num_parallel_calls=tf.data.AUTOTUNE)` instead. If sloppy execution is desired, use
`tf.data.Options.deterministic`.
W0516 23:25:42.950092 139885134178112 deprecation.py:364] From /usr/local/lib/
python3.10/dist-packages/object_detection/builders/dataset_builder.py:100:
parallel_interleave (from tensorflow.python.data.experimental.ops.interleave_ops) is
deprecated and will be removed in a future version.
Instructions for updating:
Use `tf.data.Dataset.interleave(map_func, cycle_length, block_length,
num_parallel_calls=tf.data.AUTOTUNE)` instead. If sloppy execution is desired, use
`tf.data.Options.deterministic`.
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/object_detection/
builders/dataset_builder.py:235: DatasetV1.map_with_legacy_function (from
tensorflow.python.data.ops.dataset_ops) is deprecated and will be removed in a future
version.
Instructions for updating:
Use `tf.data.Dataset.map()
W0516 23:25:42.979187 139885134178112 deprecation.py:364] From /usr/local/lib/
python3.10/dist-packages/object_detection/builders/dataset_builder.py:235:
DatasetV1.map_with_legacy_function (from tensorflow.python.data.ops.dataset_ops) is
deprecated and will be removed in a future version.
Instructions for updating:
Use `tf.data.Dataset.map()
2023-05-16 23:25:45.732490: I tensorflow/core/common_runtime/executor.cc:1197] [/
device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error
and you can ignore this message): INVALID_ARGUMENT: You must feed a value for
placeholder tensor 'cond/SparseToDense/ParseSingleExample/ParseExample/

ParseExampleV2_1' with dtype int64 and shape [1]
		[[{{node cond/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1}}]]
2023-05-16 23:25:45.732670: I tensorflow/core/common_runtime/executor.cc:1197] [/
device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error
and you can ignore this message): INVALID_ARGUMENT: You must feed a value for
placeholder tensor 'cond/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1' with dtype int64 and shape [1]
		[[{{node cond/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1}}]]
2023-05-16 23:25:45.758287: I tensorflow/core/common_runtime/executor.cc:1197] [/
device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error
and you can ignore this message): INVALID_ARGUMENT: You must feed a value for
placeholder tensor 'cond_1/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1' with dtype int64 and shape [1]
		[[{{node cond_1/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1}}]]
2023-05-16 23:25:45.758444: I tensorflow/core/common_runtime/executor.cc:1197] [/
device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error
and you can ignore this message): INVALID_ARGUMENT: You must feed a value for
placeholder tensor 'cond_1/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1' with dtype int64 and shape [1]
		[[{{node cond_1/SparseToDense/ParseSingleExample/ParseExample/
ParseExampleV2_1}}]]
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/tensorflow/python/
util/dispatch.py:1176: sparse_to_dense (from tensorflow.python.ops.sparse_ops) is
deprecated and will be removed in a future version.
Instructions for updating:
Create a `tf.sparse.SparseTensor` and use `tf.sparse.to_dense` instead.
W0516 23:25:51.293432 139885134178112 deprecation.py:364] From /usr/local/lib/
python3.10/dist-packages/tensorflow/python/util/dispatch.py:1176: sparse_to_dense
(from tensorflow.python.ops.sparse_ops) is deprecated and will be removed in a future
version.
Instructions for updating:
Create a `tf.sparse.SparseTensor` and use `tf.sparse.to_dense` instead.
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/tensorflow/python/
util/dispatch.py:1176: to_float (from tensorflow.python.ops.math_ops) is deprecated and
will be removed in a future version.
Instructions for updating:
Use `tf.cast` instead.
W0516 23:25:54.009165 139885134178112 deprecation.py:364] From /usr/local/lib/
python3.10/dist-packages/tensorflow/python/util/dispatch.py:1176: to_float (from
tensorflow.python.ops.math_ops) is deprecated and will be removed in a future version.
Instructions for updating:
Use `tf.cast` instead.
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/object_detection/
builders/optimizer_builder.py:133: The name tf.keras.optimizers.Adam is deprecated.

Please use tf.keras.optimizers.legacy.Adam instead.

W0516 23:25:56.705995 139885134178112 module_wrapper.py:149] From /usr/local/lib/python3.10/dist-packages/object_detection/builders/optimizer_builder.py:133: The name tf.keras.optimizers.Adam is deprecated. Please use tf.keras.optimizers.legacy.Adam instead.

2023-05-16 23:25:56.736480: I tensorflow/core/common_runtime/executor.cc:1197] [/device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error and you can ignore this message): INVALID_ARGUMENT: You must feed a value for placeholder tensor 'Placeholder/_0' with dtype string and shape [1]
        [[{{node Placeholder/_0}}]]
2023-05-16 23:25:56.737232: I tensorflow/core/common_runtime/executor.cc:1197] [/device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error and you can ignore this message): INVALID_ARGUMENT: You must feed a value for placeholder tensor 'Placeholder/_23' with dtype int64
        [[{{node Placeholder/_23}}]]
2023-05-16 23:25:57.866567: I tensorflow/core/common_runtime/executor.cc:1197] [/job:localhost/replica:0/task:0/device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error and you can ignore this message): CANCELLED: GetNextFromShard was cancelled
        [[{{node MultiDeviceIteratorGetNextFromShard}}]]
2023-05-16 23:25:57.866693: I tensorflow/core/common_runtime/executor.cc:1197] [/job:localhost/replica:0/task:0/device:GPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error and you can ignore this message): CANCELLED: GetNextFromShard was cancelled
        [[{{node MultiDeviceIteratorGetNextFromShard}}]]
        [[RemoteCall]] [type.googleapis.com/tensorflow.DerivedStatus="]
/usr/local/lib/python3.10/dist-packages/keras/backend.py:452: UserWarning: `tf.keras.backend.set_learning_phase` is deprecated and will be removed after 2020-10-11. To update it, simply pass a True/False value to the `training` argument of the `__call__` method of your layer or model.
  warnings.warn(
INFO:tensorflow:depth of additional conv before box predictor: 0
I0516 23:26:06.295547 139880118408960 convolutional_keras_box_predictor.py:152] depth of additional conv before box predictor: 0
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/tensorflow/python/autograph/impl/api.py:459: Tensor.experimental_ref (from tensorflow.python.framework.ops) is deprecated and will be removed in a future version.
Instructions for updating:
Use ref() instead.
W0516 23:26:13.675507 139880118408960 deprecation.py:364] From /usr/local/lib/python3.10/dist-packages/tensorflow/python/autograph/impl/api.py:459: Tensor.experimental_ref (from tensorflow.python.framework.ops) is deprecated and will be removed in a future version.
Instructions for updating:
Use ref() instead.

WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/tensorflow/python/util/dispatch.py:1176: softmax_cross_entropy_with_logits (from tensorflow.python.ops.nn_ops) is deprecated and will be removed in a future version. Instructions for updating:

Future major versions of TensorFlow will allow gradients to flow
into the labels input on backprop by default.

See `tf.nn.softmax_cross_entropy_with_logits_v2`.

W0516 23:26:18.048619 139880118408960 deprecation.py:364] From /usr/local/lib/python3.10/dist-packages/tensorflow/python/util/dispatch.py:1176: softmax_cross_entropy_with_logits (from tensorflow.python.ops.nn_ops) is deprecated and will be removed in a future version.
Instructions for updating:

Future major versions of TensorFlow will allow gradients to flow
into the labels input on backprop by default.

See `tf.nn.softmax_cross_entropy_with_logits_v2`.

2023-05-16 23:26:27.053573: I tensorflow/compiler/xla/stream_executor/cuda/cuda_dnn.cc:424] Loaded cuDNN version 8700
2023-05-16 23:26:30.982539: I tensorflow/core/common_runtime/executor.cc:1197] [/device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error and you can ignore this message): INVALID_ARGUMENT: You must feed a value for placeholder tensor 'Placeholder/_0' with dtype string and shape [1]
         [[{{node Placeholder/_0}}]]
2023-05-16 23:26:30.983252: I tensorflow/core/common_runtime/executor.cc:1197] [/device:CPU:0] (DEBUG INFO) Executor start aborting (this does not indicate an error and you can ignore this message): INVALID_ARGUMENT: You must feed a value for placeholder tensor 'Placeholder/_0' with dtype string and shape [1]
         [[{{node Placeholder/_0}}]]
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.472161 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.475390 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.476585 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/

task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.477645 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.481611 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.482639 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.483864 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.485016 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.488893 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
INFO:tensorflow:Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
I0516 23:26:31.489978 139885134178112 cross_device_ops.py:616] Reduce to /job:localhost/replica:0/task:0/device:CPU:0 then broadcast to ('/job:localhost/replica:0/task:0/device:CPU:0',).
WARNING:tensorflow:From /usr/local/lib/python3.10/dist-packages/tensorflow/python/util/deprecation.py:648: calling map_fn_v2 (from tensorflow.python.ops.map_fn) with dtype is deprecated and will be removed in a future version.
Instructions for updating:
Use fn_output_signature instead
W0516 23:26:32.741565 139879786731264 deprecation.py:569] From /usr/local/lib/python3.10/dist-packages/tensorflow/python/util/deprecation.py:648: calling map_fn_v2 (from tensorflow.python.ops.map_fn) with dtype is deprecated and will be removed in a future version.
Instructions for updating:
Use fn_output_signature instead

```
INFO:tensorflow:Step 100 per-step time 0.539s
I0516 23:27:26.360254 139885134178112 model_lib_v2.py:705] Step 100 per-step time
0.539s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 2.5518216e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.36333996,
 'Loss/RPNLoss/objectness_loss': 0.05674025,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.42008045,
 'learning_rate': 0.0029233336}
I0516 23:27:26.360767 139885134178112 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 2.5518216e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.36333996,
 'Loss/RPNLoss/objectness_loss': 0.05674025,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.42008045,
 'learning_rate': 0.0029233336}
INFO:tensorflow:Step 200 per-step time 0.144s
I0516 23:27:40.699053 139885134178112 model_lib_v2.py:705] Step 200 per-step time
0.144s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 9.685753e-08,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.4114331,
 'Loss/RPNLoss/objectness_loss': 0.014646376,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.42607957,
 'learning_rate': 0.004546667}
I0516 23:27:40.699984 139885134178112 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 9.685753e-08,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.4114331,
 'Loss/RPNLoss/objectness_loss': 0.014646376,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.42607957,
 'learning_rate': 0.004546667}
INFO:tensorflow:Step 300 per-step time 0.150s
I0516 23:27:55.649399 139885134178112 model_lib_v2.py:705] Step 300 per-step time
0.150s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 6.351611e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.8760848,
 'Loss/RPNLoss/objectness_loss': 1.0674151,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.9435005,
 'learning_rate': 0.0061700004}
I0516 23:27:55.649787 139885134178112 model_lib_v2.py:708] {'Loss/
```

BoxClassifierLoss/classification_loss': 6.351611e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.8760848,
 'Loss/RPNLoss/objectness_loss': 1.0674151,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.9435005,
 'learning_rate': 0.0061700004}
INFO:tensorflow:Step 400 per-step time 0.149s
I0516 23:28:10.532462 139885134178112 model_lib_v2.py:705] Step 400 per-step time
0.149s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.4294186e-05,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.2004947,
 'Loss/RPNLoss/objectness_loss': 0.049196947,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.24972595,
 'learning_rate': 0.007793334}
I0516 23:28:10.532927 139885134178112 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 3.4294186e-05,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.2004947,
 'Loss/RPNLoss/objectness_loss': 0.049196947,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.24972595,
 'learning_rate': 0.007793334}
INFO:tensorflow:Step 500 per-step time 0.146s
I0516 23:28:25.094595 139885134178112 model_lib_v2.py:705] Step 500 per-step time
0.146s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.25368196,
 'Loss/RPNLoss/objectness_loss': 0.06375408,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.31743604,
 'learning_rate': 0.009416667}
I0516 23:28:25.095073 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.25368196,
 'Loss/RPNLoss/objectness_loss': 0.06375408,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.31743604,
 'learning_rate': 0.009416667}
INFO:tensorflow:Step 600 per-step time 0.146s
I0516 23:28:39.712842 139885134178112 model_lib_v2.py:705] Step 600 per-step time
0.146s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0,

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 'Loss/RPNLoss/localization_loss': 1.0025871,
 'Loss/RPNLoss/objectness_loss': 0.13560718,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.1381943,
 'learning_rate': 0.01104}
I0516 23:28:39.713212 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.1381943,
 'learning_rate': 0.01104}
INFO:tensorflow:Step 700 per-step time 0.148s
I0516 23:28:54.556861 139885134178112 model_lib_v2.py:705] Step 700 per-step time
0.148s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 6.42612e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.69818586,
 'Loss/RPNLoss/objectness_loss': 0.22898133,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.92716783,
 'learning_rate': 0.012663334}
I0516 23:28:54.557204 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.22898133,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.92716783,
 'learning_rate': 0.012663334}
INFO:tensorflow:Step 800 per-step time 0.143s
I0516 23:29:08.910312 139885134178112 model_lib_v2.py:705] Step 800 per-step time
0.143s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 5.5879346e-09,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
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 'Loss/RPNLoss/objectness_loss': 0.08892221,
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 'learning_rate': 0.014286667}
I0516 23:29:08.910802 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.08892221,

 'Loss/regularization_loss': 0.0,
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 'learning_rate': 0.014286667}
INFO:tensorflow:Step 900 per-step time 0.144s
I0516 23:29:23.339486 139885134178112 model_lib_v2.py:705] Step 900 per-step time 0.144s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 1.5161847e-06,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.056663357,
 'Loss/RPNLoss/objectness_loss': 0.16299611,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.219661,
 'learning_rate': 0.015910001}
I0516 23:29:23.339862 139885134178112 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 1.5161847e-06,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
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 'Loss/RPNLoss/objectness_loss': 0.16299611,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.219661,
 'learning_rate': 0.015910001}
INFO:tensorflow:Step 1000 per-step time 0.150s
I0516 23:29:38.291072 139885134178112 model_lib_v2.py:705] Step 1000 per-step time 0.150s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 5.8169603e-06,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
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 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.72725546,
 'learning_rate': 0.017533334}
I0516 23:29:38.291396 139885134178112 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 5.8169603e-06,
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 'Loss/RPNLoss/objectness_loss': 0.06590692,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.72725546,
 'learning_rate': 0.017533334}
INFO:tensorflow:Step 1100 per-step time 0.173s
I0516 23:29:55.595794 139885134178112 model_lib_v2.py:705] Step 1100 per-step time 0.173s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.978861e-05,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.40552557,
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 'Loss/regularization_loss': 0.0,

 'Loss/total_loss': 0.43078917,
 'learning_rate': 0.019156668}
I0516 23:29:55.596182 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/localization_loss': 0.40552557,
 'Loss/RPNLoss/objectness_loss': 0.025223825,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.43078917,
 'learning_rate': 0.019156668}
INFO:tensorflow:Step 1200 per-step time 0.145s
I0516 23:30:10.125529 139885134178112 model_lib_v2.py:705] Step 1200 per-step
time 0.145s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 7.692692e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.13797304,
 'Loss/RPNLoss/objectness_loss': 0.096494734,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.23446855,
 'learning_rate': 0.02078}
I0516 23:30:10.125972 139885134178112 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 7.692692e-07,
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 'Loss/RPNLoss/localization_loss': 0.13797304,
 'Loss/RPNLoss/objectness_loss': 0.096494734,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.23446855,
 'learning_rate': 0.02078}
INFO:tensorflow:Step 1300 per-step time 0.157s
I0516 23:30:25.861666 139885134178112 model_lib_v2.py:705] Step 1300 per-step
time 0.157s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 2.0622168e-05,
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 'Loss/regularization_loss': 0.0,
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I0516 23:30:25.862031 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.0405303,
 'learning_rate': 0.022403335}
INFO:tensorflow:Step 1400 per-step time 0.151s

I0516 23:30:41.011767 139885134178112 model_lib_v2.py:705] Step 1400 per-step time 0.151s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 5.5879346e-09,
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 'Loss/RPNLoss/objectness_loss': 0.20825522,
 'Loss/regularization_loss': 0.0,
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 'learning_rate': 0.024026668}
I0516 23:30:41.012136 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/localization_loss': 0.6523953,
 'Loss/RPNLoss/objectness_loss': 0.20825522,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.86065054,
 'learning_rate': 0.024026668}
INFO:tensorflow:Step 1500 per-step time 0.152s
I0516 23:30:56.240904 139885134178112 model_lib_v2.py:705] Step 1500 per-step time 0.152s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 7.72401e-05,
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 'Loss/regularization_loss': 0.0,
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 'learning_rate': 0.025650002}
I0516 23:30:56.241356 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.324466,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.7537875,
 'learning_rate': 0.025650002}
INFO:tensorflow:Step 1600 per-step time 0.156s
I0516 23:31:11.850270 139885134178112 model_lib_v2.py:705] Step 1600 per-step time 0.156s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 6.9103316e-07,
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 'Loss/RPNLoss/objectness_loss': 0.060659908,
 'Loss/regularization_loss': 0.0,
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I0516 23:31:11.850704 139885134178112 model_lib_v2.py:708] {'Loss/
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INFO:tensorflow:Step 1700 per-step time 0.150s
I0516 23:31:26.792748 139885134178112 model_lib_v2.py:705] Step 1700 per-step
time 0.150s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 1.0952259e-06,
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I0516 23:31:26.793086 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.82375056,
 'Loss/regularization_loss': 0.0,
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 'learning_rate': 0.028896669}
INFO:tensorflow:Step 1800 per-step time 0.153s
I0516 23:31:42.058284 139885134178112 model_lib_v2.py:705] Step 1800 per-step
time 0.153s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0,
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 'Loss/regularization_loss': 0.0,
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I0516 23:31:42.058672 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 1.3306764,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 5.543773,
 'learning_rate': 0.030520001}
INFO:tensorflow:Step 1900 per-step time 0.156s
I0516 23:31:57.698880 139885134178112 model_lib_v2.py:705] Step 1900 per-step
time 0.156s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.7252899e-09,
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 'Loss/RPNLoss/localization_loss': 4.30329,
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 'learning_rate': 0.032143336}
I0516 23:31:57.699378 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 1.3519616,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 5.6552515,
 'learning_rate': 0.032143336}
INFO:tensorflow:Step 2000 per-step time 0.153s
I0516 23:32:12.973467 139885134178112 model_lib_v2.py:705] Step 2000 per-step
time 0.153s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.9115534e-08,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
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 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.1911949,
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I0516 23:32:12.973925 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.50645256,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.1911949,
 'learning_rate': 0.03376667}
INFO:tensorflow:Step 2100 per-step time 0.178s
I0516 23:32:30.783947 139885134178112 model_lib_v2.py:705] Step 2100 per-step
time 0.178s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 1.7881356e-07,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
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 'Loss/RPNLoss/objectness_loss': 0.20594287,
 'Loss/regularization_loss': 0.0,
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I0516 23:32:30.784401 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.20594287,
 'Loss/regularization_loss': 0.0,

'Loss/total_loss': 0.7377511,
 'learning_rate': 0.03539}
INFO:tensorflow:Step 2200 per-step time 0.152s
I0516 23:32:45.993240 139885134178112 model_lib_v2.py:705] Step 2200 per-step time 0.152s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 9.313224e-09,
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 'Loss/RPNLoss/objectness_loss': 0.88884807,
 'Loss/regularization_loss': 0.0,
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I0516 23:32:45.993948 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.88884807,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 2.6609654,
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INFO:tensorflow:Step 2300 per-step time 0.166s
I0516 23:33:02.615520 139885134178112 model_lib_v2.py:705] Step 2300 per-step time 0.166s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.166496e-08,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
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 'Loss/regularization_loss': 0.0,
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I0516 23:33:02.615907 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.17790018,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.9992976,
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INFO:tensorflow:Step 2400 per-step time 0.156s
I0516 23:33:18.192906 139885134178112 model_lib_v2.py:705] Step 2400 per-step time 0.156s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.3527505e-07,
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I0516 23:33:18.193385 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.020156553,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.070417374,
 'learning_rate': 0.040260002}
INFO:tensorflow:Step 2500 per-step time 0.167s
I0516 23:33:34.866865 139885134178112 model_lib_v2.py:705] Step 2500 per-step
time 0.167s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0,
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 'Loss/regularization_loss': 0.0,
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I0516 23:33:34.867313 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 8.074823,
 'learning_rate': 0.041883335}
INFO:tensorflow:Step 2600 per-step time 0.163s
I0516 23:33:51.139438 139885134178112 model_lib_v2.py:705] Step 2600 per-step
time 0.163s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0,
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I0516 23:33:51.139842 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 0.07806671,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.18867262,
 'learning_rate': 0.04350667}
INFO:tensorflow:Step 2700 per-step time 0.159s
I0516 23:34:07.037794 139885134178112 model_lib_v2.py:705] Step 2700 per-step

time 0.159s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0,
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 'Loss/regularization_loss': 0.0,
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I0516 23:34:07.038179 139885134178112 model_lib_v2.py:708] {'Loss/
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 'Loss/RPNLoss/objectness_loss': 1.0374316,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 2.892426,
 'learning_rate': 0.045130003}
INFO:tensorflow:Step 2800 per-step time 0.170s
I0516 23:34:24.026291 139885134178112 model_lib_v2.py:705] Step 2800 per-step
time 0.170s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 7.450575e-08,
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I0516 23:34:39.600145 139885134178112 model_lib_v2.py:705] Step 2900 per-step
time 0.156s
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I0516 23:34:56.294519 139885134178112 model_lib_v2.py:705] Step 3000 per-step
time 0.167s
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