2023-05-17 03:48:39.235679: 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.
2023-05-17 03:48:40.334246: 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(
2023-05-17 03:48:43.869920: 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
2023-05-17 03:48:43.914873: 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
2023-05-17 03:48:43.915319: 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
2023-05-17 03:48:43.916655: 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
2023-05-17 03:48:43.916987: 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
2023-05-17 03:48:43.917305: 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
2023-05-17 03:48:45.358553: 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
2023-05-17 03:48:45.359039: 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
2023-05-17 03:48:45.359437: 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
2023-05-17 03:48:45.359651: 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.
2023-05-17 03:48:45.359699: 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',)
I0517 03:48:45.390604 140181310351168 mirrored_strategy.py:374] Using MirroredStrategy with devices ('/job:localhost/replica:0/task:0/device:GPU:0',)
INFO:tensorflow:Maybe overwriting train_steps: 2500
I0517 03:48:45.397259 140181310351168 config_util.py:552] Maybe overwriting train_steps: 2500
INFO:tensorflow:Maybe overwriting use_bfloat16: False
I0517 03:48:45.397454 140181310351168 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
W0517 03:48:45.722597 140181310351168 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']
I0517 03:48:45.732591 140181310351168 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']
I0517 03:48:45.732857 140181310351168 dataset_builder.py:79] Reading record datasets for input file: ['/content/sample/tf_records/train.record']
INFO:tensorflow:Number of filenames to read: 1
I0517 03:48:45.732972 140181310351168 dataset_builder.py:80] Number of filenames to read: 1
WARNING:tensorflow:num_readers has been reduced to 1 to match input file shards.
W0517 03:48:45.733080 140181310351168 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`.
W0517 03:48:45.745158 140181310351168 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()
W0517 03:48:45.773574 140181310351168 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()
2023-05-17 03:48:48.465034: 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}}]]
2023-05-17 03:48:48.465234: 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}}]]
2023-05-17 03:48:48.491460: 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}}]]
2023-05-17 03:48:48.491633: 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.
W0517 03:48:54.178654 140181310351168 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.
W0517 03:48:58.527354 140181310351168 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:124: The name tf.keras.optimizers.SGD is deprecated.

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

W0517 03:49:01.486396 140181310351168 module_wrapper.py:149] From /usr/local/lib/python3.10/dist-packages/object_detection/builders/optimizer_builder.py:124: The name tf.keras.optimizers.SGD is deprecated. Please use tf.keras.optimizers.legacy.SGD instead.

2023-05-17 03:49:01.534597: 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/_27' with dtype int64
	[[{{node Placeholder/_27}}]]
2023-05-17 03:49:01.535678: 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/_26' with dtype resource
	[[{{node Placeholder/_26}}]]
2023-05-17 03:49:03.181306: 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: Function was cancelled before it was started
	[[{{node RemoteCall}}]]
/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
I0517 03:49:11.231724 140176617633536 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.
W0517 03:49:17.879708 140176617633536 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`.

W0517 03:49:23.114337 140176617633536 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`.

2023-05-17 03:49:32.402368: I tensorflow/compiler/xla/stream_executor/cuda/cuda_dnn.cc:424] Loaded cuDNN version 8700
2023-05-17 03:49:36.120753: 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/_24' with dtype resource
	[[{{node Placeholder/_24}}]]
2023-05-17 03:49:36.121866: 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/_27' with dtype int64
	[[{{node Placeholder/_27}}]]
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',).
I0517 03:49:36.618818 140181310351168 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',).
I0517 03:49:36.622097 140181310351168 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',).
I0517 03:49:36.623601 140181310351168 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',).
I0517 03:49:36.624732 140181310351168 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',).
I0517 03:49:36.628777 140181310351168 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',).
I0517 03:49:36.629823 140181310351168 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',).
I0517 03:49:36.630915 140181310351168 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',).
I0517 03:49:36.632027 140181310351168 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',).
I0517 03:49:36.635926 140181310351168 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',).
I0517 03:49:36.637649 140181310351168 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
W0517 03:49:37.934453 140176064296704 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
I0517 03:50:31.475831 140181310351168 model_lib_v2.py:705] Step 100 per-step time 0.539s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0039281617,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 1.5487472,

'Loss/RPNLoss/objectness_loss': 0.32074708,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 1.8734224,
'learning_rate': 0.0029523335}
I0517 03:50:31.476247 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.0039281617,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 1.5487472,
'Loss/RPNLoss/objectness_loss': 0.32074708,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 1.8734224,
'learning_rate': 0.0029523335}
INFO:tensorflow:Step 200 per-step time 0.138s
I0517 03:50:45.273064 140181310351168 model_lib_v2.py:705] Step 200 per-step time
0.138s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0021452887,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.6660986,
'Loss/RPNLoss/objectness_loss': 0.12673196,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.7949759,
'learning_rate': 0.0045746667}
I0517 03:50:45.273532 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.0021452887,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.6660986,
'Loss/RPNLoss/objectness_loss': 0.12673196,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.7949759,
'learning_rate': 0.0045746667}
INFO:tensorflow:Step 300 per-step time 0.138s
I0517 03:50:59.042620 140181310351168 model_lib_v2.py:705] Step 300 per-step time
0.138s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0010100089,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.48046252,
'Loss/RPNLoss/objectness_loss': 0.11736884,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.59884137,
'learning_rate': 0.006197}
I0517 03:50:59.042960 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.0010100089,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.48046252,
'Loss/RPNLoss/objectness_loss': 0.11736884,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.59884137,

'learning_rate': 0.006197}
INFO:tensorflow:Step 400 per-step time 0.143s
I0517 03:51:13.352515 140181310351168 model_lib_v2.py:705] Step 400 per-step time 0.143s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0004623158,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.07504166,
'Loss/RPNLoss/objectness_loss': 0.06668087,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.14218485,
'learning_rate': 0.007819334}
I0517 03:51:13.352874 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.0004623158,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.07504166,
'Loss/RPNLoss/objectness_loss': 0.06668087,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.14218485,
'learning_rate': 0.007819334}
INFO:tensorflow:Step 500 per-step time 0.140s
I0517 03:51:27.403410 140181310351168 model_lib_v2.py:705] Step 500 per-step time 0.140s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00050620805,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.9514959,
'Loss/RPNLoss/objectness_loss': 0.055819355,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 1.0078214,
'learning_rate': 0.009441667}
I0517 03:51:27.403855 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.00050620805,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.9514959,
'Loss/RPNLoss/objectness_loss': 0.055819355,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 1.0078214,
'learning_rate': 0.009441667}
INFO:tensorflow:Step 600 per-step time 0.139s
I0517 03:51:41.303156 140181310351168 model_lib_v2.py:705] Step 600 per-step time 0.139s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00021192743,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.2625022,
'Loss/RPNLoss/objectness_loss': 0.03524026,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.29795438,
'learning_rate': 0.011064}

I0517 03:51:41.303667 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00021192743,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.2625022,
 'Loss/RPNLoss/objectness_loss': 0.03524026,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.29795438,
 'learning_rate': 0.011064}
INFO:tensorflow:Step 700 per-step time 0.145s
I0517 03:51:55.848045 140181310351168 model_lib_v2.py:705] Step 700 per-step time
0.145s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00020405206,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.094262674,
 'Loss/RPNLoss/objectness_loss': 0.0103312535,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.10479798,
 'learning_rate': 0.012686334}
I0517 03:51:55.848413 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00020405206,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.094262674,
 'Loss/RPNLoss/objectness_loss': 0.0103312535,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.10479798,
 'learning_rate': 0.012686334}
INFO:tensorflow:Step 800 per-step time 0.145s
I0517 03:52:10.329622 140181310351168 model_lib_v2.py:705] Step 800 per-step time
0.145s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00020729723,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.63018525,
 'Loss/RPNLoss/objectness_loss': 0.14560091,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.77599347,
 'learning_rate': 0.014308668}
I0517 03:52:10.330125 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00020729723,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.63018525,
 'Loss/RPNLoss/objectness_loss': 0.14560091,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.77599347,
 'learning_rate': 0.014308668}
INFO:tensorflow:Step 900 per-step time 0.140s
I0517 03:52:24.318720 140181310351168 model_lib_v2.py:705] Step 900 per-step time
0.140s

INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0002054066,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.528218,
 'Loss/RPNLoss/objectness_loss': 0.034323577,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.56274694,
 'learning_rate': 0.015931001}
I0517 03:52:24.319162 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.0002054066,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.528218,
 'Loss/RPNLoss/objectness_loss': 0.034323577,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.56274694,
 'learning_rate': 0.015931001}
INFO:tensorflow:Step 1000 per-step time 0.145s
I0517 03:52:38.778643 140181310351168 model_lib_v2.py:705] Step 1000 per-step
time 0.145s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.0015600603,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.5424262,
 'Loss/RPNLoss/objectness_loss': 0.019244323,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.56323063,
 'learning_rate': 0.017553333}
I0517 03:52:38.778968 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.0015600603,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.5424262,
 'Loss/RPNLoss/objectness_loss': 0.019244323,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.56323063,
 'learning_rate': 0.017553333}
INFO:tensorflow:Step 1100 per-step time 0.161s
I0517 03:52:54.879036 140181310351168 model_lib_v2.py:705] Step 1100 per-step
time 0.161s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00050080474,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.05136103,
 'Loss/RPNLoss/objectness_loss': 0.031792898,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.08365473,
 'learning_rate': 0.019175667}
I0517 03:52:54.879414 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00050080474,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.05136103,

'Loss/RPNLoss/objectness_loss': 0.031792898,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.08365473,
'learning_rate': 0.019175667}
INFO:tensorflow:Step 1200 per-step time 0.144s
I0517 03:53:09.288863 140181310351168 model_lib_v2.py:705] Step 1200 per-step time 0.144s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.15853325,
'Loss/BoxClassifierLoss/localization_loss': 0.18307245,
'Loss/RPNLoss/localization_loss': 0.6111876,
'Loss/RPNLoss/objectness_loss': 0.030633442,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.9834267,
'learning_rate': 0.020798}
I0517 03:53:09.289297 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.15853325,
'Loss/BoxClassifierLoss/localization_loss': 0.18307245,
'Loss/RPNLoss/localization_loss': 0.6111876,
'Loss/RPNLoss/objectness_loss': 0.030633442,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.9834267,
'learning_rate': 0.020798}
INFO:tensorflow:Step 1300 per-step time 0.141s
I0517 03:53:23.429863 140181310351168 model_lib_v2.py:705] Step 1300 per-step time 0.141s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00013081032,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 1.0933974,
'Loss/RPNLoss/objectness_loss': 0.03305842,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 1.1265866,
'learning_rate': 0.022420334}
I0517 03:53:23.430313 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.00013081032,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 1.0933974,
'Loss/RPNLoss/objectness_loss': 0.03305842,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 1.1265866,
'learning_rate': 0.022420334}
INFO:tensorflow:Step 1400 per-step time 0.146s
I0517 03:53:38.045551 140181310351168 model_lib_v2.py:705] Step 1400 per-step time 0.146s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00019150008,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.4144437,
'Loss/RPNLoss/objectness_loss': 0.0100041265,

'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.4246393,
'learning_rate': 0.024042666}
I0517 03:53:38.045922 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00019150008,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.4144437,
'Loss/RPNLoss/objectness_loss': 0.0100041265,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.4246393,
'learning_rate': 0.024042666}
INFO:tensorflow:Step 1500 per-step time 0.146s
I0517 03:53:52.634914 140181310351168 model_lib_v2.py:705] Step 1500 per-step
time 0.146s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 8.389277e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.057159886,
'Loss/RPNLoss/objectness_loss': 0.0076478506,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.06489163,
'learning_rate': 0.025665}
I0517 03:53:52.635320 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 8.389277e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.057159886,
'Loss/RPNLoss/objectness_loss': 0.0076478506,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.06489163,
'learning_rate': 0.025665}
INFO:tensorflow:Step 1600 per-step time 0.144s
I0517 03:54:07.030499 140181310351168 model_lib_v2.py:705] Step 1600 per-step
time 0.144s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00010242618,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.22684,
'Loss/RPNLoss/objectness_loss': 0.053892877,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.2808353,
'learning_rate': 0.027287334}
I0517 03:54:07.030904 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00010242618,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.22684,
'Loss/RPNLoss/objectness_loss': 0.053892877,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.2808353,
'learning_rate': 0.027287334}

INFO:tensorflow:Step 1700 per-step time 0.143s
I0517 03:54:21.357452 140181310351168 model_lib_v2.py:705] Step 1700 per-step time 0.143s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.17529088,
 'Loss/BoxClassifierLoss/localization_loss': 0.07266031,
 'Loss/RPNLoss/localization_loss': 0.9199877,
 'Loss/RPNLoss/objectness_loss': 0.06249153,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.2304304,
 'learning_rate': 0.028909666}
I0517 03:54:21.357804 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.17529088,
 'Loss/BoxClassifierLoss/localization_loss': 0.07266031,
 'Loss/RPNLoss/localization_loss': 0.9199877,
 'Loss/RPNLoss/objectness_loss': 0.06249153,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.2304304,
 'learning_rate': 0.028909666}
INFO:tensorflow:Step 1800 per-step time 0.148s
I0517 03:54:36.168088 140181310351168 model_lib_v2.py:705] Step 1800 per-step time 0.148s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00010790438,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 1.0477881,
 'Loss/RPNLoss/objectness_loss': 0.092603326,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.1404994,
 'learning_rate': 0.030532}
I0517 03:54:36.168442 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.00010790438,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 1.0477881,
 'Loss/RPNLoss/objectness_loss': 0.092603326,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 1.1404994,
 'learning_rate': 0.030532}
INFO:tensorflow:Step 1900 per-step time 0.147s
I0517 03:54:50.885120 140181310351168 model_lib_v2.py:705] Step 1900 per-step time 0.147s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00019466215,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.06559582,
 'Loss/RPNLoss/objectness_loss': 0.008792164,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.074582644,
 'learning_rate': 0.032154333}
I0517 03:54:50.885590 140181310351168 model_lib_v2.py:708] {'Loss/

BoxClassifierLoss/classification_loss': 0.00019466215,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.06559582,
 'Loss/RPNLoss/objectness_loss': 0.008792164,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.074582644,
 'learning_rate': 0.032154333}
INFO:tensorflow:Step 2000 per-step time 0.147s
I0517 03:55:05.602630 140181310351168 model_lib_v2.py:705] Step 2000 per-step time 0.147s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00037580493,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.20392302,
 'Loss/RPNLoss/objectness_loss': 0.023078453,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.22737728,
 'learning_rate': 0.033776667}
I0517 03:55:05.607566 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.00037580493,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.20392302,
 'Loss/RPNLoss/objectness_loss': 0.023078453,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.22737728,
 'learning_rate': 0.033776667}
INFO:tensorflow:Step 2100 per-step time 0.213s
I0517 03:55:26.876389 140181310351168 model_lib_v2.py:705] Step 2100 per-step time 0.213s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00032343072,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.2798135,
 'Loss/RPNLoss/objectness_loss': 0.042123176,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.3222601,
 'learning_rate': 0.035399}
I0517 03:55:26.876834 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 0.00032343072,
 'Loss/BoxClassifierLoss/localization_loss': 0.0,
 'Loss/RPNLoss/localization_loss': 0.2798135,
 'Loss/RPNLoss/objectness_loss': 0.042123176,
 'Loss/regularization_loss': 0.0,
 'Loss/total_loss': 0.3222601,
 'learning_rate': 0.035399}
INFO:tensorflow:Step 2200 per-step time 0.148s
I0517 03:55:41.644132 140181310351168 model_lib_v2.py:705] Step 2200 per-step time 0.148s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 6.8299785e-05,

'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.19366984,
'Loss/RPNLoss/objectness_loss': 0.04589583,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.23963398,
'learning_rate': 0.037021335}
I0517 03:55:41.644532 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 6.8299785e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.19366984,
'Loss/RPNLoss/objectness_loss': 0.04589583,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.23963398,
'learning_rate': 0.037021335}
INFO:tensorflow:Step 2300 per-step time 0.148s
I0517 03:55:56.492544 140181310351168 model_lib_v2.py:705] Step 2300 per-step
time 0.148s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 0.00013413516,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.08489686,
'Loss/RPNLoss/objectness_loss': 0.016696407,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.1017274,
'learning_rate': 0.038643666}
I0517 03:55:56.492953 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 0.00013413516,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.08489686,
'Loss/RPNLoss/objectness_loss': 0.016696407,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.1017274,
'learning_rate': 0.038643666}
INFO:tensorflow:Step 2400 per-step time 0.144s
I0517 03:56:10.917740 140181310351168 model_lib_v2.py:705] Step 2400 per-step
time 0.144s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 2.9022578e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.022895265,
'Loss/RPNLoss/objectness_loss': 0.010914553,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.033838842,
'learning_rate': 0.040266}
I0517 03:56:10.918206 140181310351168 model_lib_v2.py:708] {'Loss/
BoxClassifierLoss/classification_loss': 2.9022578e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.022895265,
'Loss/RPNLoss/objectness_loss': 0.010914553,

'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.033838842,
'learning_rate': 0.040266}
INFO:tensorflow:Step 2500 per-step time 0.146s
I0517 03:56:25.489676 140181310351168 model_lib_v2.py:705] Step 2500 per-step time 0.146s
INFO:tensorflow:{'Loss/BoxClassifierLoss/classification_loss': 3.9263483e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.1923193,
'Loss/RPNLoss/objectness_loss': 0.010660921,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.20301948,
'learning_rate': 0.041888334}
I0517 03:56:25.490058 140181310351168 model_lib_v2.py:708] {'Loss/BoxClassifierLoss/classification_loss': 3.9263483e-05,
'Loss/BoxClassifierLoss/localization_loss': 0.0,
'Loss/RPNLoss/localization_loss': 0.1923193,
'Loss/RPNLoss/objectness_loss': 0.010660921,
'Loss/regularization_loss': 0.0,
'Loss/total_loss': 0.20301948,
'learning_rate': 0.041888334}