tf.contrib.gan.gan_train_ops

```
gan_train_ops(
    model,
    loss,
    generator_optimizer,
    discriminator_optimizer,
    check_for_unused_update_ops=True,
    **kwargs
)
```

Defined in `tensorflow/contrib/gan/python/train.py` .

Returns GAN train ops.

The highest-level call in TFGAN. It is composed of functions that can also be called, should a user require more control over some part of the GAN training process.

Args:

- `model` : A GANModel.
- `loss` : A GANLoss.
- `generator_optimizer` : The optimizer for generator updates.
- `discriminator_optimizer` : The optimizer for the discriminator updates.
- `check_for_unused_update_ops` : If `True` , throws an exception if there are update ops outside of the generator or discriminator scopes.
- `**kwargs` : Keyword args to pass directly to `training.create_train_op` for both the generator and discriminator train op.

Returns:

A GANTrainOps tuple of (generator_train_op, discriminator_train_op) that can be used to train a generator/discriminator pair.

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