

tf.contrib.gan.eval.preprocess_image

Contents

Aliases:

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- `tf.contrib.gan.eval.classifier_metrics.preprocess_image`
- `tf.contrib.gan.eval.preprocess_image`

```
preprocess_image(  
    image,  
    height=INCEPTION_V3_DEFAULT_IMG_SIZE,  
    width=INCEPTION_V3_DEFAULT_IMG_SIZE,  
    central_fraction=0.875,  
    scope=None  
)
```

Defined in `tensorflow/contrib/gan/python/eval/python/classifier_metrics_impl.py`.

Prepare one image for evaluation.

If height and width are specified it would output an image with that size by applying `resize_bilinear`.

If `central_fraction` is specified it would crop the central fraction of the input image.

Args:

- `image`: 3-D Tensor of image. If dtype is `tf.float32` then the range should be `[0, 1]`, otherwise it would converted to `tf.float32` assuming that the range is `[0, MAX]`, where `MAX` is largest positive representable number for `int(8/16/32)` data type (see `tf.image.convert_image_dtype` for details).
- `height`: integer
- `width`: integer
- `central_fraction`: Optional Float, fraction of the image to crop.
- `scope`: Optional scope for `name_scope`.

Returns:

3-D float Tensor of prepared image.

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