

## tf.contrib.gan.eval.image\_reshaper

## Contents

## Aliases:

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- `tf.contrib.gan.eval.eval_utils.image_reshaper`
- `tf.contrib.gan.eval.image_reshaper`

```
image_reshaper(  
    images,  
    num_cols=None  
)
```

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

A reshaped summary image.

Returns an image that will contain all elements in the list and will be laid out in a nearly-square tiling pattern (e.g. 11 images will lead to a 3x4 tiled image).

## Args:

- `images`: Image data to summarize. Can be an RGB or grayscale image, a list of such images, or a set of RGB images concatenated along the depth dimension. The shape of each image is assumed to be [batch\_size, height, width, depth].
- `num_cols`: (Optional) If provided, this is the number of columns in the final output image grid. Otherwise, the number of columns is determined by the number of images.

## Returns:

A summary image matching the input with automatic tiling if needed. Output shape is [1, height, width, channels].

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