tf.contrib.gan.eval.image_grid

Contents

Aliases:

Aliases:

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

```
image_grid(
    input_tensor,
    grid_shape,
    image_shape=(32, 32),
    num_channels=3
)
```

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

Arrange a minibatch of images into a grid to form a single image.

Args:

- `input_tensor`: Tensor. Minibatch of images to format, either 4D ([batch size, height, width, num_channels]) or flattened ([batch size, height * width * num_channels]).
- `grid_shape`: Sequence of int. The shape of the image grid, formatted as [grid_height, grid_width].
- `image_shape`: Sequence of int. The shape of a single image, formatted as [image_height, image_width].
- `num_channels`: int. The number of channels in an image.

Returns:

Tensor representing a single image in which the input images have been arranged into a grid.

Raises:

- `ValueError`: The grid shape and minibatch size don't match, or the image shape and number of channels are incompatible with the input tensor.

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