

## tf.contrib.kfac.utils.layer\_params\_to\_mat2d

```
layer_params_to_mat2d(vector)
```

Defined in [tensorflow/contrib/kfac/python/ops/utils.py](#).

Converts a vector shaped like layer parameters to a 2D matrix.

In particular, we reshape the weights/filter component of the vector to be 2D, flattening all leading (input) dimensions. If there is a bias component, we concatenate it to the reshaped weights/filter component.

### Args:

- `vector` : A Tensor or pair of Tensors shaped like layer parameters.

### Returns:

A 2D Tensor with the same coefficients and the same output dimension.

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*Last updated November 2, 2017.*

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