

Module: tf.contrib.kfac.layer_collection

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

Registry for layers and their parameters/variables.

This represents the collection of all layers in the approximate Fisher information matrix to which a particular FisherBlock may belong. That is, we might have several layer collections for one TF graph (if we have multiple K-FAC optimizers being used, for example.)

Classes

class LayerCollection : Registry of information about layers and losses.

class LayerParametersDict : An OrderedDict where keys are Tensors or tuples of Tensors.

Other Members

APPROX_DIAGONAL_NAME

APPROX_FULL_NAME

APPROX_KRONECKER_NAME

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