TensorFlow   API r1.4

Module: tf.keras.utils

Contents

Classes

Functions

Defined in `tensorflow/python/keras/utils/__init__.py`.

Keras utilities.

Classes

`class CustomObjectScope` : Provides a scope that changes to `_GLOBAL_CUSTOM_OBJECTS` cannot escape.

`class GeneratorEnqueuer` : Builds a queue out of a data generator.

`class HDF5Matrix` : Representation of HDF5 dataset to be used instead of a Numpy array.

`class Progbar` : Displays a progress bar.

`class Sequence` : Base object for fitting to a sequence of data, such as a dataset.

`class SequenceEnqueuer` : Base class to enqueue inputs.

Functions

`convert_all_kernels_in_model(...)` : Converts all convolution kernels in a model from Theano to TensorFlow.

`custom_object_scope(...)` : Provides a scope that changes to `_GLOBAL_CUSTOM_OBJECTS` cannot escape.

`deserialize_keras_object(...)`

`get_custom_objects(...)` : Retrieves a live reference to the global dictionary of custom objects.

`get_file(...)` : Downloads a file from a URL if it not already in the cache.

`normalize(...)` : Normalizes a Numpy array.

`plot_model(...)` : Converts a Keras model to dot format and save to a file.

`serialize_keras_object(...)`

`to_categorical(...)` : Converts a class vector (integers) to binary class matrix.

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