tf.keras.utils.CustomObjectScope

Class **CustomObjectScope**

Defined in **tensorflow/python/keras/_impl/keras/utils/generic_utils.py** .

Provides a scope that changes to **_GLOBAL_CUSTOM_OBJECTS** cannot escape.

Code within a **with** statement will be able to access custom objects by name. Changes to global custom objects persist within the enclosing **with** statement. At end of the **with** statement, global custom objects are reverted to state at beginning of the **with** statement.

Example:

Consider a custom object **MyObject**

```
with CustomObjectScope({'MyObject':MyObject}):
    layer = Dense(..., kernel_regularizer='MyObject')
    # save, load, etc. will recognize custom object by name
```

Methods

__init__

```
__init__(*args)
```

__enter__

```
__enter__()
```

__exit__

```
__exit__(
    *args,
    **kwargs
)
```

Last updated November 2, 2017.

Stay Connected

Blog

GitHub

Twitter

Support

Issue Tracker

Release Notes

Stack Overflow

English

Terms | **Privacy**