## TopogrElow

TensorFlow API r1.4

## tf.keras.utils.CustomObjectScope

```
Contents
Class CustomObjectScope
Methods
__init__
__enter__
__exit__
```

## 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__(*args)
__enter__
```

```
__exit__
```

\_\_enter\_\_()

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

Except as otherwise noted, the content of this page is licensed under the Creative Commons Attribution 3.0 License, and code samples are licensed under the Apache 2.0 License. For details, see our Site Policies. Java is a registered trademark of Oracle and/or its affiliates.

Stay Connected	
Blog	
GitHub	
Twitter	
Support	
Issue Tracker	
Release Notes	
Stack Overflow	
English	
Terms   Privacy	