

tf.keras.utils.custom_object_scope

```
custom_object_scope(*args)
```

Defined in [tensorflow/python/keras/_impl/keras/utils/generic_utils.py](#).

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

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

Arguments:

- `*args`: Variable length list of dictionaries of name, class pairs to add to custom objects.

Returns:

Object of type `CustomObjectScope`.

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