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Question

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## Unable to store (or rather retrieve) OREF in globals - Trying to create a Singleton Class.

We are trying to create a simple class extending %RegisteredObject that could be used as a singleton. However we are not able to store it in a global to later be retrieved (by the same process but elsewhere in the code).

I resumed my issue in this small code sample :

```
ClassMethod RunMe()
{
    // Create a simple %RegisteredObject
    set obj = ##class(%ZEN.proxyObject).%New()
    set obj.MyProp = 22
    do ##class(%SYSTEM.OBJ).Dump(obj)

    // Store it in a global
    set ^MyGlobalName = obj
    write "Stored : " _ obj,!!

    // Retrieve it from the global
    #Dim obj2 As %ZEN.proxyObject = ^MyGlobalName
    write "Got : " _ obj2,!
    do ##class(%SYSTEM.OBJ).Dump(obj2)
}
```

Which lead to the following output when executed :

E xecuting ##class(chs.Fw.EnsExt.Lib.CResultSetTools).RunMe()

+----- general information -----

| oref value: 1

| class name: %ZEN.proxyObject

| reference count: 1

+----- attribute values -----

| %changed = 1

| %data("MyProp") = 22

| %index = ""

Stored : 1@%ZEN.proxyObject

Got : 1@%ZEN.proxyObject

'1@%ZEN.proxyObject' is not an oref value.

I'm open to all suggestions ! Any help would be more than welcomed ! Kind regards

André-Claude Gendron

[#Globals](#) [#Object Data Model](#) [#ObjectScript](#) [#Caché](#)

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Source

URL:<https://community.intersystems.com/post/unable-store-or-rather-retrieve-oref-globals-trying-create-singleton->

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[class](#)