Question
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Global references done internally by Cache

Using the method ##class(%SYSTEM.Process).GlobalReferences() I'm able to know how many global references has been done in the process. But I'd like to know how many of those references has been done by my code and how many has been done by Cache itself.

When from a class I execute a method of another class, Cache is internally accessing globals (I suppose to get the code of the called method). I would like to not count those accesses done by Cache.

For example:

I've a method (Statistics) that counts the number of references done by another method (A). I would like to know how many of those references has been done by my class "Random" but I don't care if Cache needs to access some globals in order to be able to execute this class.

```
Class Stats [Abstract]
{
ClassMethod Statistics()
{
  Set ref = ##class(%SYSTEM.Process).GlobalReferences()
  Do ##class(Random).A()
  Write "references Increment", (##class(%SYSTEM.Process).GlobalReferences() - ref)
}
}
```

```
Class Random [Abstract]
{
ClassMethod A()
{
  Set ^a = 1
}
}
```

Given those classes already compiled I follow the next steps:

1. Compile Random class.
2. Execute "Do ##class(Stats).Statistics()" -> Got "references Increment 4" -> BAD RESULT
3. Execute again "Do ##class(Stats).Statistics()" -> Got "references Increment 1" -> GOOD RESULT

As you can see, in the second execution the reference count is what it's expected.

Any idea?

#Caché

Source URL:https://community.intersystems.com/post/global-references-done-internally-cache