
Discussion

[Eduard Lebedyuk](#) · Aug 16, 2021

DC Challenge: Write a quine in ObjectScript!

A quine is a computer program which takes no input and produces a copy of its own source code as its only output.

[Wikipedia](#).

How about a fun challenge?

The task is to write a quine in InterSystems ObjectScript. It can be a class, or a method, or a routine, or just a line to be executed in a terminal. You decide!

Here's some resources you might consider useful:

- [STEXT](#)
- [XECUTE](#)
- [\\$XECUTE](#)
- [%Compiler.UDL.TextServices.GetTextAsString](#)
- [%Dictionary package](#)
- [Indirection](#)

Hard mode: do not use source code access functions.

Here's my (extremely uninspired, I know) attempt:

```
Class User.Quine
{
    /// do ##class(User.Quine).Test()
    ClassMethod Test()
    {
        set sc = ##class(%Compiler.UDL.TextServices).GetTextAsString($namespace, $classname(), .str)
        write str
    }
}
```

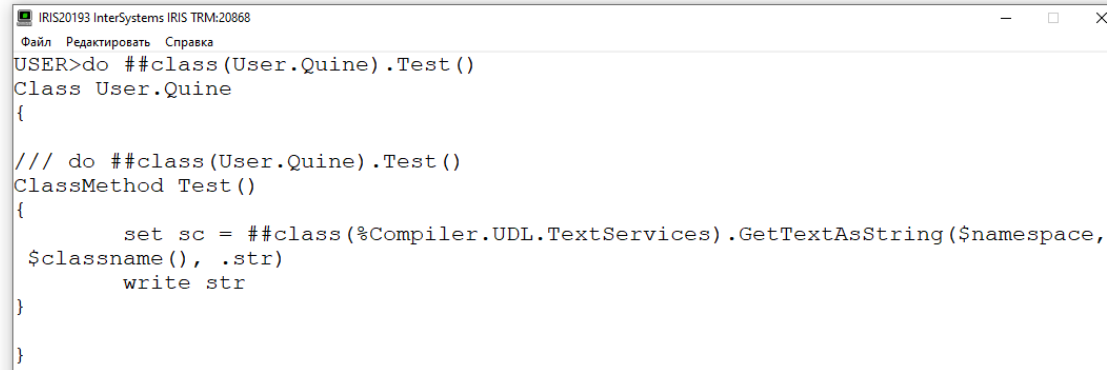
It produces this output:

DC Challenge: Write a quine in ObjectScript!

Published on InterSystems Developer Community (<https://community.intersystems.com>)

```
Class User.Quine
{

  /// do ##class(User.Quine).Test()
  ClassMethod Test()
  {
    set sc = ##class(%Compiler.UDL.TextServices).GetTextAsString($namespace, $classname(), .str)
    write str
  }
}
```



The screenshot shows a terminal window titled "IRIS20193 InterSystems IRIS TRM:20868". The prompt is "USER>do ##class(User.Quine).Test()". The output displays the code from the previous block, demonstrating that the program prints its own source code.

How many different ways of producing a quine are there in ObjectScript?

[#Code Golf](#) [#Code Snippet](#) [#InterSystems IRIS](#)

Source URL: <https://community.intersystems.com/post/dc-challenge-write-quine-objectsript>