Article
Eduard Lebedyuk · Jun 28, 2016 1m read

Calculate class or package length in sloc

Here's a code snippet to calculate the length of a class or a package in lines of code:

```
ClassMethod ProjectLength(Mask As %String = "%Package%")
{
    Set count = 0
    Set sql =     "SELECT Name "_
                "FROM %Dictionary.ClassDefinition "_
                "WHERE NOT Name %STARTSWITH '%sqlcq' AND Name LIKE ? AND GeneratedBy
IS NULL"
    Set rset = ##class(%SQL.Statement).%ExecDirect(, sql, Mask)

    While rset.%Next() {
        Set class = rset.%Get("Name")
        Do ##class(%Compiler.UDL.TextServices).GetTextAsArray(, class, .raw)
        Set lines = $ORDER(raw($CHAR(0)), -1)
        Write class, $JUSTIFY("", 40-$LENGTH(class)), $JUSTIFY(lines, 7), !
        Set count = count + lines
    }
    Write "Total ", $JUSTIFY("",34), $JUSTIFY(count, 7)
}
```

All classes matching Mask would be displayed.

Use example:

```
USER>do ##class(Utils.CLS).ProjectLength("DSW%")
DSW.Installer                                169
DSW.InstallerData                            628
Total                                        797
```

Also available on GitHub Gist.

#Code Snippet #Object Data Model #Caché

Source URL:https://community.intersystems.com/post/calculate-class-or-package-length-sloc