

Question

[Kevin McGinn](#) · Sep 24, 2021

scoping of a static array in a terminal script

I have a terminal script that queries `sys.process'` and then parses the results writing to a logfile. As part of the processing of the results, each row of the result set includes an element from the static string. But I am not clear on the scoping of the static string. The write statement sees the static string as undefined. What I want is something to the affect:

```
set statStr = "aa|bb|.."

set sqlStatement = xxx

set tState = ##class(%SQL.Statement).%New()

set qStat = tState.%Prepare(< sql statement> )

set rset = tState.%Execute()

WHILE rset.%Next() { w ....., $PIECE(statStr,"|",xxx),...,!}
```

With the logic configured in this manner, the write fails with the error that the var `statVar` is undefined. To make it work (this is poor design) I changed it to:

```
set sqlStatement = xxx

set tState = ##class(%SQL.Statement).%New()

set qStat = tState.%Prepare(< sql statement> )

set rset = tState.%Execute()

WHILE rset.%Next() { set statStr = "aa|bb|.." w ....., $PIECE(statStr,"|",xxx),...,!}
```

I am not clear how to scope the static array outside of the query results loop so that the static is not repeatedly redefined with each row of the result set.

[#ObjectScript](#) [#Caché](#)

Product version: Caché 2017.1

Source URL: <https://community.intersystems.com/post/scoping-static-array-terminal-script>