

SPOOL as SQL Table

Article

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SPOOL as SQL Table

This is a coding example working on Caché 2018.1.3 and IRIS 2020.2
It will not be kept in sync with new versions
It is also **NOT** serviced by InterSystems **Support** !

Background

Device #2 named SPOOL dates back to the predecessors of Caché and IRIS
It was the first "%Stream" like option to buffer output before printing.
It is also the first and still today the most simple way of output redirection.

Solution

This is also an example of a mapped Global. **USE 2** write "actual date: ",\$ZDT(\$h,3),!
redirects the output into the Global ^SPOOL

You can read the global manually or with some ancient utilities
or use this mapping to access it as class or a table with SQL.

The structure of Spool

- the global ^SPOOL is local to your namespace
- first subscript is a UNIQUE Document_ID
- second subscript is a line number UNIQUE to the document.
- both together form the IDkey

Details: [[The Spool Device](#)]

Implementation

Copy the Class User.SPOOL to your namespace and compile it.

Example

```
SELECT TOP 12 ID,* FROM SPOOL WHERE Document=3
```

ID	Document	LineNumber	Text
3 1	3	1	Lorem ipsum dolor sit amet, consectetuer

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ID	Document	LineNumber	Text
			adipiscing
3 2	3	2	elit, sed diam nonummy nibh euismod tincidunt ut laoreet
3 3	3	3	dolore magna aliquam erat volutpat. Ut wisi enim ad minim
3 4	3	4	veniam, quis nostrud exercitation ulliam corper suscipit lobortis
3 5	3	5	nisl ut aliquip ex ea commodo consequat.
3 6	3	6	Duis autem veleum iriure dolor in hendrerit in vulputate
3 7	3	7	velit esse molestie consequat, vel willum lunombro dolore
3 8	3	8	eu feugiat nulla facilisis
3 9	3	9	at vero eros et accumsan
3 10	3	10	et iusto odio dignissim qui blandit praesent
3 11	3	11	luptatum zzzril delenit augue duis dolore te feugait nulla
3 12	3	12	facilisi. Li Europam linguae es membra

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