

Article

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Show Global by SQL SELECT

Globals in Caché / Ensemble / IRIS are normally invisible over SQL access

This example shows how to overcome this limit.

Globals are presented as content of a table with their subscripts and the stored content.

The global to view is passed to SQL by a static WHERE condition that requires 3 parameters:

- the global name (required)
- the start subscript (optional)
- the stop subscript (optional)

Just providing the global name results in a full global dump.

Globals may also be provided with the extended reference and as this is a SQL table all kinds of additional conditions apply.

Be careful. Correct quoting between SQL and Caché / Ensemble / IRIS could be a challenge

Example:

```
select * from zrcG.dump where zrcG.Dump('^"CACHE"|Sample.PersonD',2,4)=1
```

ID	Global	Subscript	Value
1	^ "CACHE" Sample.PersonD (2)	\$lb("",792533244,"GlobaDynamics Holdings Inc.",64256,"C1787","Y5365","A5","A658","R1770","", "Ironhorse,Alice D.", "T3710","O3","I4011","W8367","557-37-6758",83059958205089661,"1841-01-02 00:00:00")	
2	^ "CACHE" Sample.PersonD (3)	\$lb("",862705606,"TeleLateral Associates",34553,"V8155","T8918","X9","V8732","K1167","", "Eisenstien,Peter E.", "H208","C8","Q2015","Q3357","702-46-8467",57275722714358892,"2020-06-23 13:27:18")	
3	^ "CACHE" Sample.PersonD (4)	\$lb("",677194559,"RoboSoft Group Ltd.",52738,"F4851","Z364","S8","O6888","O4367","", "Eagleman,Clint C.", "C8051","R6","V1659","C9814","664-33-8809",-53705244349891319,"2020-06-23 13:27:18")	

```
select TOP 15 * from zrcG.dump where zrcG.Dump('^%SYS',"JOURNAL")=1
```

ID	Global	Subscript	Value
1	^%SYS ("JOURNAL")	0	
2	^%SYS ("JOURNAL", "ALTDIR")		"C:\InterSystems\IRIS\altjournal\"
3	^%SYS ("JOURNAL", "CURDIR")		"C:\InterSystems\IRIS\mgr\journal\"
4	^%SYS ("JOURNAL", "CURRENT")		"1^C:\InterSystems\IRIS\mgr\journal\20200801.009"
5	^%SYS ("JOURNAL", "EXPSIZE")	0	
6	^%SYS ("JOURNAL", "LAST")		"1^C:\InterSystems\IRIS\mgr\journal\20200801.009"
7	^%SYS ("JOURNAL", "LIFESPAN", "FILE")		"2,2"
8	^%SYS ("JOURNAL", "MAXSIZE")		1073741824
9	^%SYS ("JOURNAL", "PREFIX")		" "
10	^%SYS ("JOURNAL", "PURGED", "c:\intersystems\iris\mgr\journal\20191104.001")		"2019-11-07 17:38:30"
11	^%SYS ("JOURNAL", "PURGED", "c:\intersystems\iris\mgr\journal\20191104.002")		"2019-11-07 17:38:30"

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1-07 17:38:30"

12 ^%SYS ("JOURNAL","PURGED","c:\intersystems\iris\mgr\journal\20191104.003") "2019-1
1-07 17:38:30"

13 ^%SYS ("JOURNAL","PURGED","c:\intersystems\iris\mgr\journal\20191104.004") "2019-1
1-07 17:38:30"

14 ^%SYS ("JOURNAL","PURGED","c:\intersystems\iris\mgr\journal\20191104.005") "2019-1
1-08 08:39:47"

15 ^%SYS ("JOURNAL","PURGED","c:\intersystems\iris\mgr\journal\20191105.001") "2019-1
1-08 08:39:47"

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