

Show Global by SQL SELECT

Article



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This is a coding example working on IRIS 2020.1 and on Caché 2018.1.3
It will not be kept in sync with new versions
It is also NOT serviced by InterSystems Support !

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 zrc_G.dump where zrc_G.Dump('^"CACHE"|Sample.PersonD',2,4)=1
```

ID	Global	Subscript	Value
1	^ "CACHE" Sample.PersonD	(2) \$lb("",792533244,"GloboDynamics 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 zrc_G.dump where zrc_G.Dump('^%SYS',"JOURNAL")=1
```

ID	Global	Subscript	Value
1	^%SYS	("JOURNAL")	0
2	^%SYS	("JOURNAL","ALTDIR")	"C:\InterSystems\IRIS\altjournal\"

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```
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") "2019-1  
1-07 17:38:30"  
11 ^%SYS ("JOURNAL", "PURGED", "c:\intersystems\iris\mgr\journal\20191104.002") "2019-1  
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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