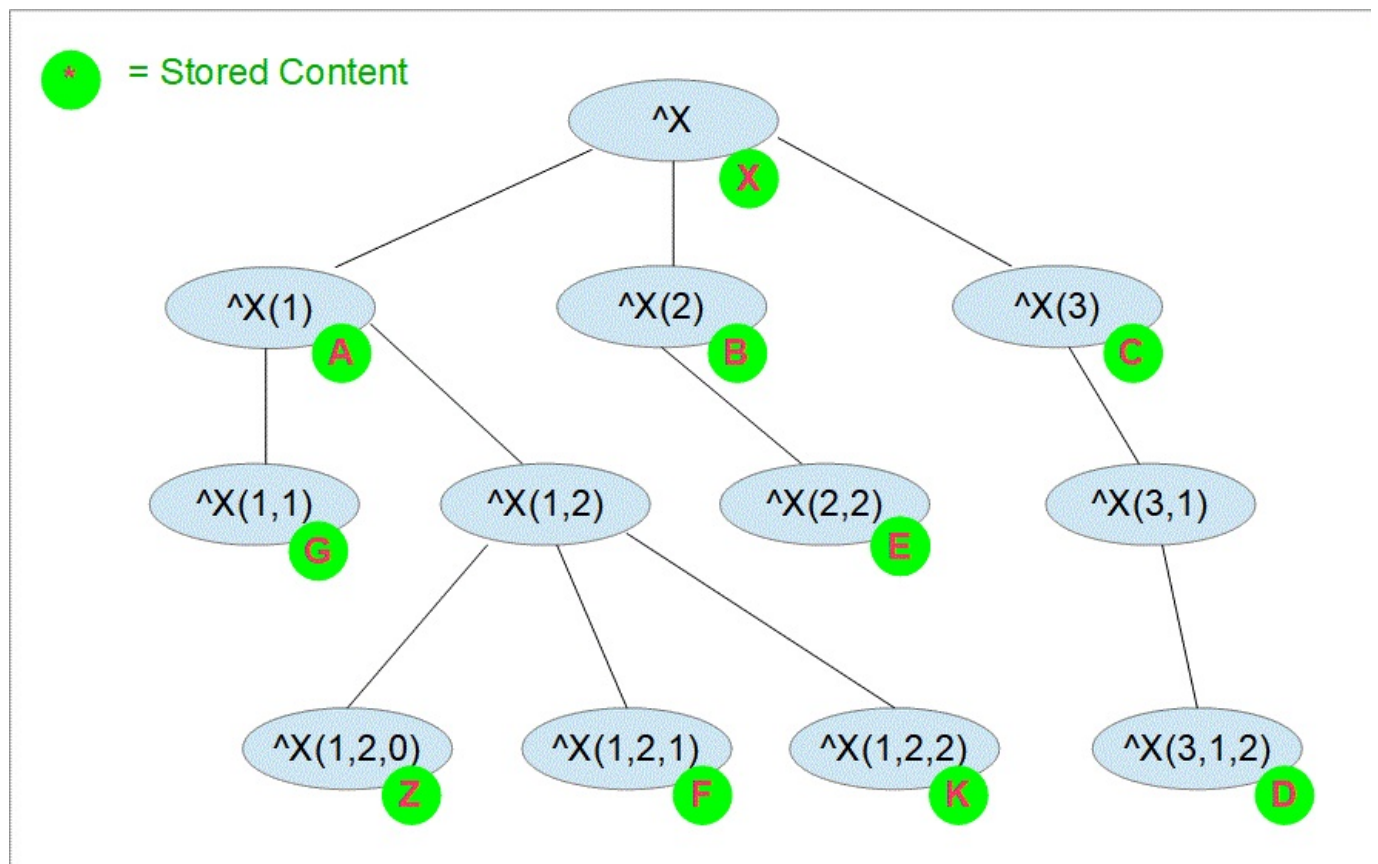


Article

[Robert Cemper](#) · Feb 7, 2022 1m read



GlobalToJSON-embeddedPython

I have created a package to export a Global into JSON object file and to re-create it by reloading from this file embeddedPython refers to the new available technologies. It should be understood as a learning exercise of how to handle the language interfaces. Only Global nodes containing data are presented in the generated JSON file.



We export this Global

View global in namespace USER:

Global Search Mask:	^dc.MultiD	Display	Cancel
Search History:	^dc.MultiD  	Maximum Rows:	100 <input type="checkbox"/> Allow Edit
1:	^dc.MultiD	= 5	
2:	^dc.MultiD(1)	= \$lb("Braam,Ted Q.",51353)	
3:	^dc.MultiD(1,"mJSON")	= "{}"	
4:	^dc.MultiD(2)	= \$lb("Klingman,Uma C.",62459)	
5:	^dc.MultiD(2,2,"Multi","a")	= 1	
6:	^dc.MultiD(2,2,"Multi","rob",1)	= "rcc"	
7:	^dc.MultiD(2,2,"Multi","rob",2)	= 2222	
8:	^dc.MultiD(2,"Multi","a")	= 1	
9:	^dc.MultiD(2,"Multi","rob",1)	= "rcc"	
10:	^dc.MultiD(2,"Multi","rob",2)	= 2222	
11:	^dc.MultiD(2,"mJSON")	= "{\"A\":\"ahahah\",\"Rob\":\"VIP\",\"Rob2\":1111,\"Rob3\":true}"	
12:	^dc.MultiD(3)	= \$lb("Goldman,Kenny H.",45831)	
13:	^dc.MultiD(3,"mJSON")	= "{}"	
14:	^dc.MultiD(4)	= \$lb("", "")	
15:	^dc.MultiD(4,"mJSON")	= {"rcc":122}"	
16:	^dc.MultiD(5)	= \$lb("", "")	
17:	^dc.MultiD(5,"mJSON")	= "{}"	
Total: 17 [End of global]			

This is the file content

```

1  [{"gbl": [
2  {"node": "^dc.MultiD", "val": "5"}
3  {"node": "^dc.MultiD(1)", "val": "$lb(\\"Braam,Ted Q.\\",51353)"}
4  {"node": "^dc.MultiD(1,\"mJSON\")", "val": "{}"}
5  {"node": "^dc.MultiD(2)", "val": "$lb(\\"Klingman,Uma C.\\",62459)"}
6  {"node": "^dc.MultiD(2,2,\"Multi\", \"a\")", "val": "1"}
7  {"node": "^dc.MultiD(2,2,\"Multi\", \"rob\",1)", "val": "rcc"}
8  {"node": "^dc.MultiD(2,2,\"Multi\", \"rob\",2)", "val": "2222"}
9  {"node": "^dc.MultiD(2,\"Multi\", \"a\")", "val": "1"}
10 {"node": "^dc.MultiD(2,\"Multi\", \"rob\",1)", "val": "rcc"}
11 {"node": "^dc.MultiD(2,\"Multi\", \"rob\",2)", "val": "2222"}
12 {"node": "^dc.MultiD(2,\"mJSON\")", "val": "{\"A\": \"ahahah\", \"Rob\": \"VIP\", \"Rob2\": 1111, \"Rob3\": true}"}
13 {"node": "^dc.MultiD(3)", "val": "$lb(\\"Goldman,Kenny H.\\",45831)"}
14 {"node": "^dc.MultiD(3,\"mJSON\")", "val": "{}"}
15 {"node": "^dc.MultiD(4)", "val": "$lb(\\\"\", \"\")"}
16 {"node": "^dc.MultiD(4,\"mJSON\")", "val": "{\"rcc\":122}"}
17 {"node": "^dc.MultiD(5)", "val": "$lb(\\\"\", \"\")"}
18 {"node": "^dc.MultiD(5,\"mJSON\")", "val": "{}"}
19 ]}]

```

And the related Loader creates exactly the same Global

[Video](#)

[Online Demo Terminal](#)

[Online Demo SMP](#)

[GitHub](#)

[#Embedded Python #Globals #JSON #InterSystems IRIS](#)

Source URL: <https://community.intersystems.com/post/globaltojson-embeddedpython>