

Article

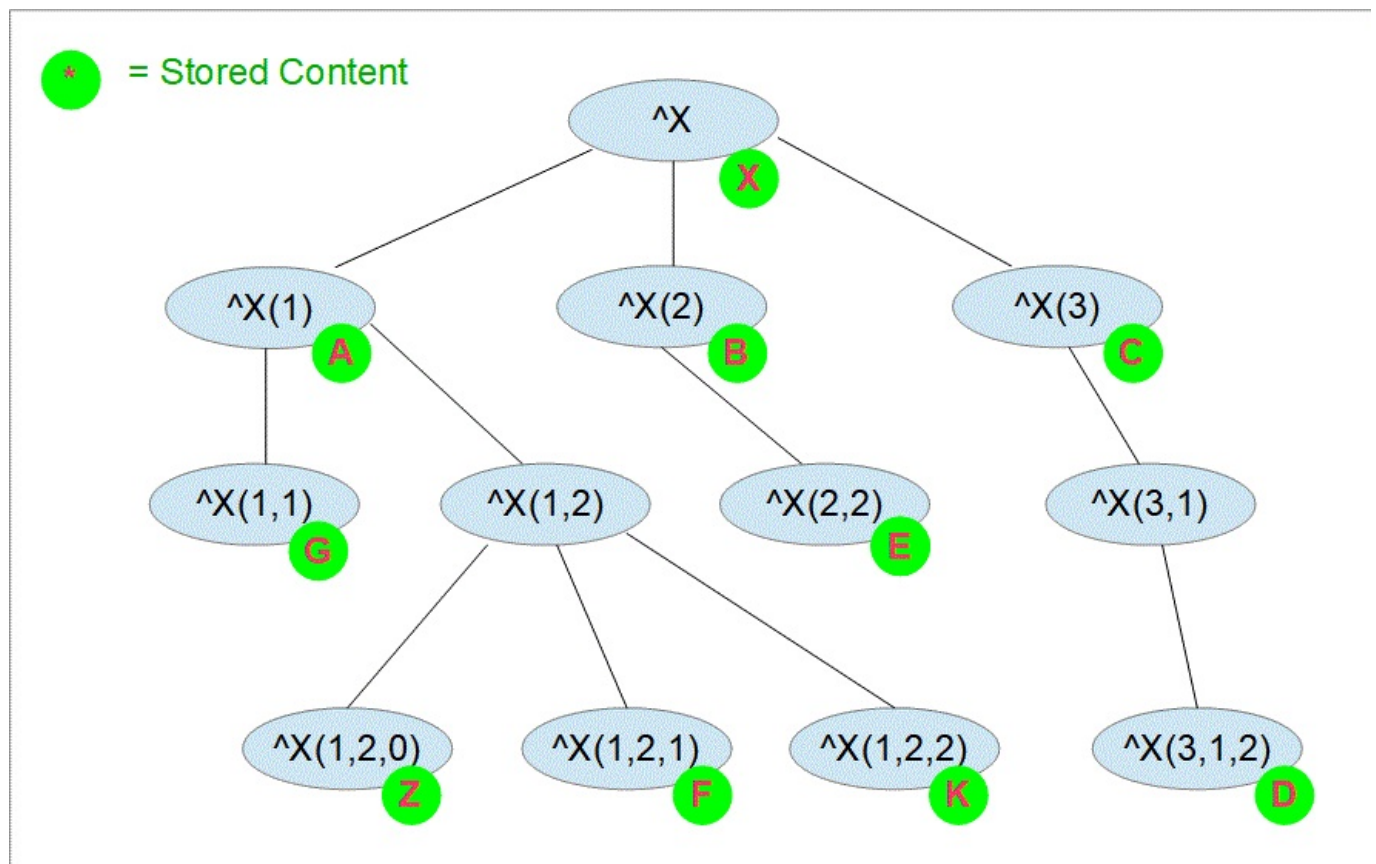
[Robert Cemper](#) · Jan 24, 2022 1m read

GlobalToJSON-Compact

I have created a package that offers a utility to load a Global into JSON object and reverse to create a Global from this type of JSON object. Compact refers to the structure created.


Globals nodes are included with data for a fast data load.

But also the related code is quite compact.



The export of 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]			

Generates a JSON object that covers all Global nodes

```
USER>write $$Do^ZPretty(json)
```

```
{
  "gbl":[
    "^dc.MultiD=5",
    "^dc.MultiD(1)=$lb(\"Braam,Ted Q.\",51353)",
    "^dc.MultiD(1,\"mJSON\")=\"{}\"",
    "^dc.MultiD(2)=$lb(\"Klingman,Uma C.\",62459)",
    "^dc.MultiD(2,2,\"Multi\", \"a\")=1",
    "^dc.MultiD(2,2,\"Multi\", \"rob\",1)=\"rcc\"",
    "^dc.MultiD(2,2,\"Multi\", \"rob\",2)=2222",
    "^dc.MultiD(2,\"Multi\", \"a\")=1",
    "^dc.MultiD(2,\"Multi\", \"rob\",1)=\"rcc\"",
    "^dc.MultiD(2,\"Multi\", \"rob\",2)=2222",
    "^dc.MultiD(2,\"mJSON\")=\"{\\\"A\\\":\\\"ahahah\\\",\\\"Rob\\\":\\\"VIP\\\",\\\"Rob2\\\":1111,\\\"Rob3\\\":true}\"",
    "^dc.MultiD(3)=$lb(\"Goldman,Kenny H.\",45831)",
    "^dc.MultiD(3,\"mJSON\")=\"{}\"",
    "^dc.MultiD(4)=$lb(\"\", \"\")",
    "^dc.MultiD(4,\"mJSON\")=\"{\\\"rcc\\\":122}\"",
    "^dc.MultiD(5)=$lb(\"\", \"\")",
    "^dc.MultiD(5,\"mJSON\")=\"{}\""
  ]
}
```

USER>

And the related Loader creates exactly the same Global

[Online Demo Terminal](#)

[Online Demo SMP](#)

[Video](#)

[GitHub](#)

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

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