

Article

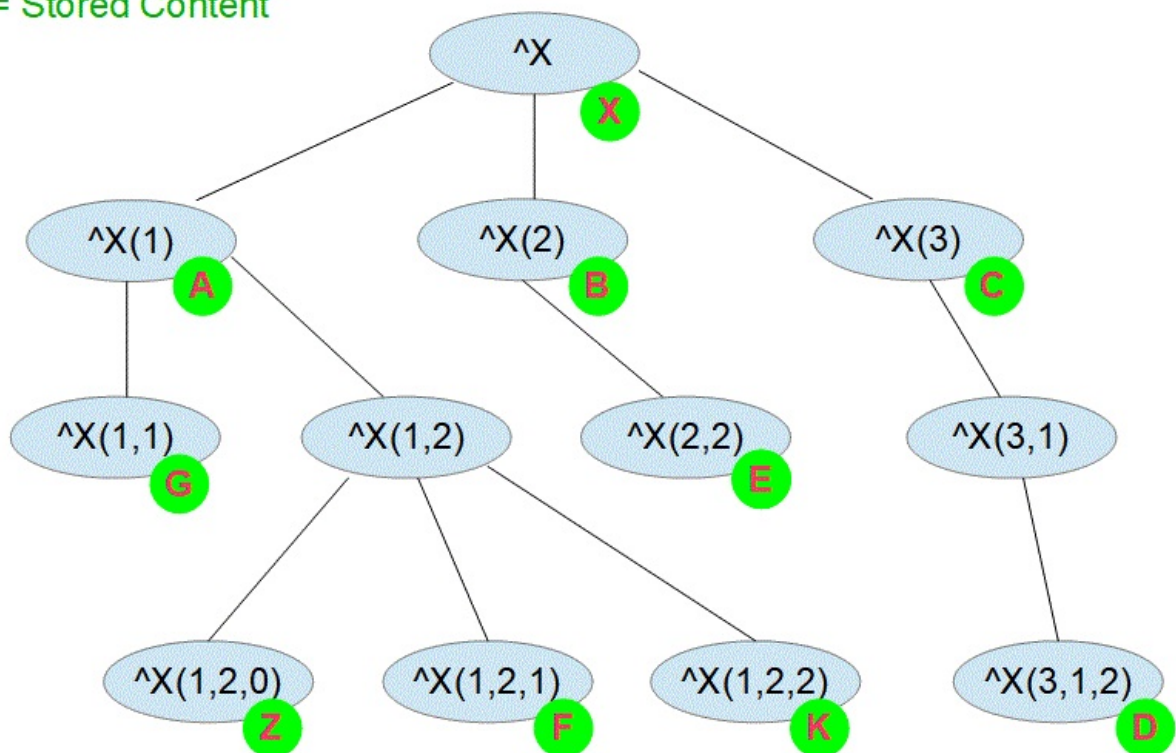
[Robert Cemper](#) · Feb 8, 2022 1m read

GlobalToJSON-embeddedPython-pure

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.

Differently from the previous example, this one is using **embedded Python only**, no ObjectScript. Therefore **PURE**

 = Stored Content



We export this Global

View global in namespace USER:

Global Search Mask:

Search History:
Maximum Rows:
☐ 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

```
{
  "gbl": "dc.MultiD",
  "nodes": [
    {
      "sub": "",
      "val": "5"
    },
    {
      "sub": "1",
      "val": "\u000e\u0001Braam,Ted Q.\u0004\u0004\u0099\u00c8"
    },
    {
      "sub": "1",
      "mJSON": true,
      "val": "{}"
    },
    {
      "sub": "2",
      "val": "\u0011\u0001Klingman,Uma C.\u0004\u0004\u00fb\u00f3"
    },
    {
      "sub": "2",
      "2": "Multi",
      "a": "a",
      "val": "1"
    },
    {
      "sub": "2",
      "2": "Multi",
      "rob": "rob",
      "1": "1",
      "val": "rcc"
    },
    {
      "sub": "2",
      "2": "Multi",
      "rob": "rob",
      "2": "2",
      "val": "2222"
    },
    {
      "sub": "2",
      "Multi": "Multi",
      "a": "a",
      "val": "1"
    },
    {
      "sub": "2",
      "Multi": "Multi",
      "rob": "rob",
      "1": "1",
      "val": "rcc"
    },
    {
      "sub": "2",
      "Multi": "Multi",
      "rob": "rob",
      "2": "2",
      "val": "2222"
    },
    {
      "sub": "2",
      "mJSON": true,
      "val": "{\u0022A\u0022:\u0022ahahah\u0022,\u0022Rob\u0022:\u0022VIP\u0022,\u0022Rob2\u0022:\u00221111\u0022,\u0022Rob3\u0022:true}"
    },
    {
      "sub": "3",
      "val": "\u0012\u0001Goldman,Kenny H.\u0004\u0004\u0007\u000b"
    },
    {
      "sub": "3",
      "mJSON": true,
      "val": "{}"
    },
    {
      "sub": "4",
      "val": "\u0002\u0001\u0002\u0001"
    },
    {
      "sub": "4",
      "mJSON": true,
      "val": "{\u0022rcc\u0022:\u0022122\u0022}"
    },
    {
      "sub": "5",
      "val": "\u0002\u0001\u0002\u0001"
    },
    {
      "sub": "5",
      "mJSON": true,
      "val": "{}"
    }
  ]
}
```

And the related Loader creates exactly the same Global

[Video](#)

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[Online Demo SMP](#)

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