

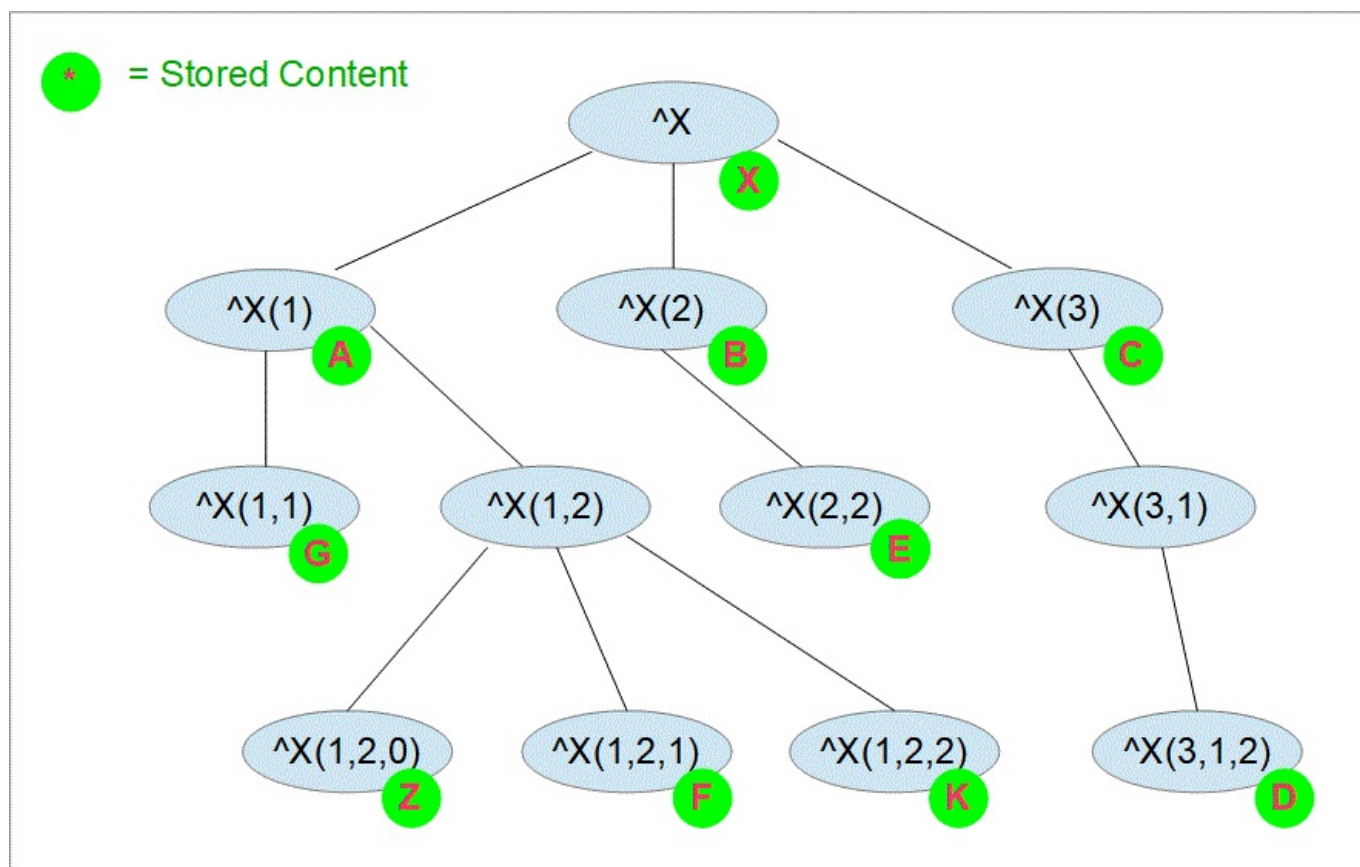
Article

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## GlobalToJSON-Efficient

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. Efficient refers to the structure created. Only Globals nodes containing data are presented in the generated JSON object.



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":[
    {
      "node": "^dc.MultiD",
      "val": "5"
    },
    {
      "node": "^dc.MultiD(1)",
      "val": "$lb(\"Braam,Ted Q.\",51353)"
    },
    {
      "node": "^dc.MultiD(1,\"mJSON\")",
      "val": "{}"
    },
    {
      "node": "^dc.MultiD(2)",
      "val": "$lb(\"Klingman,Uma C.\",62459)"
    },
    {
      "node": "^dc.MultiD(2,2,\"Multi\", \"a\")",
      "val": "1"
    },
    {
      "node": "^dc.MultiD(2,2,\"Multi\", \"rob\",1)",
      "val": "rcc"
    },
    {
      "node": "^dc.MultiD(2,2,\"Multi\", \"rob\",2)",

```

```
    "val": "2222"
  },
  {
    "node": "^dc.MultiD(2,\"Multi\", \"a\")",
    "val": "1"
  },
  {
    "node": "^dc.MultiD(2,\"Multi\", \"rob\", 1)",
    "val": "rcc"
  },
  {
    "node": "^dc.MultiD(2,\"Multi\", \"rob\", 2)",
    "val": "2222"
  },
  {
    "node": "^dc.MultiD(2,\"mJSON\"",
    "val": "{ \"A\": \"ahahah\", \"Rob\": \"VIP\", \"Rob2\": 1111, \"Rob3\": true}"
  },
  {
    "node": "^dc.MultiD(3)",
    "val": "$lb(\"Goldman, Kenny H.\", 45831)"
  },
  {
    "node": "^dc.MultiD(3,\"mJSON\"",
    "val": "{}"
  },
  {
    "node": "^dc.MultiD(4)",
    "val": "$lb(\"\", \"\")"
  },
  {
    "node": "^dc.MultiD(4,\"mJSON\"",
    "val": "{ \"rcc\": 122}"
  },
  {
    "node": "^dc.MultiD(5)",
    "val": "$lb(\"\", \"\")"
  },
  {
    "node": "^dc.MultiD(5,\"mJSON\"",
    "val": "{}"
  }
]
}
USER>
```

And the related Loader creates exactly the same Global

[Online Demo Terminal](#)

[Online Demo SMP](#)

[Video](#)

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

[Check the related application on InterSystems Open Exchange](#)

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