

文章

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IRIS ObjectScript 原生API Demo

????IRIS 2020.2????????InterSystems ?????

本demo基于原始类描述 is based on the raw class descriptions.

使用的数据类是Address, Person, Employee, Company

如果要做更有吸引力的 demo, 可以添加 JSONtoString by ID的方法

用ZPM安装后从终端启动 : After installation with ZPM just run from Terminal

```
USER>do ##class(rcc.ONAPI.demo).Run()  
Adjust Parameters  
host[127.0.0.1]:  
port[51773]:  
namespace[USER]:  
user[_SYSTEM]:  
pwd[SYS]:  
timeout[5]:  
***** connected *****
```

下一步, 你会得到一系列可能的Demo动作。you get a list of possible demo actions.

没有输入就意味着没有动作No input means no action.

菜单会一直循环直到退出The menu loops until you exit.

```
Populate Person by:100  
100  
Populate Company by:10  
10  
Populate Employee by:50  
50  
Show Person by ID:3  
{"Name":"Rogers,Norbert V. ","SSN":"990-11-9806","DOB":"1962-04-23","Home":{"Street":"867 Oak Street","City":"Denver","State":"NH","Zip":"64647"},"Office":{"Street":"3309 Oak Court","City":"Denver","State":"NY","Zip":"76436"},"FavoriteColors":["Green","Green"],"Age":58}  
  
Show Company by ID:3  
{"Name":"CompuComp Corp. ","Mission":"Specializing in the development and manufacturing of open-source object-oriented models for additive manufacturing. ","TaxID":"Y8155","Revenue":819493934,"Employees":[{"Name":"Ahmed,Sophia P. ","SSN":"936-73-5161","DOB":"1933-08-08","Home":{"Street":"8758 Elm Street","City":"Fargo","State":"OH","Zip":"40652"},"Office":{"Street":"1578 Maple Street","City":"Larchmont","State":"IA","Zip":"89021"},"Spouse":{"Name":"Olsen,William A. ","SSN":"912-52-4809","DOB":"2010-01-26","Home":{"Street":"2933 Main Street","City":"Bensonhurst","State":"WA","Zip":"51960"},"Office":{"Street":"4994 Ash Street","City":"Gansevoort","State":"OR","Zip":"89750"},"Spouse":{"Name":"Adam,Brian D. ","SSN":"799-82-3083","DOB":"2005-11-04","Home":{"St
```

```
reet":"1264 Oak Avenue","City":"Chicago","State":"WV","Zip":"34943"},"Office":{"Street":"7443 Second Avenue","City":"Zanesville","State":"CO","Zip":"30478"},"Spouse":{"Name":"Cooke,Diane C.,"SSN":"754-49-5729","DOB":"1984-01-12","Home":{"Street":"9624 Maple Place","City":"Albany","State":"MS","Zip":"60948"},"Office":{"Street":"4711 Second Place","City":"Youngstown","State":"VA","Zip":"31250"},"Age":36},"FavoriteColors":["Orange"],"Age":14},"FavoriteColors":["Green","Green"],"Age":10,"Title":"Senior Systems Engineer","Salary":61511},"Age":87,"Title":"Product Manager","Salary":59127},{ "Name":"Ng,Elmo S.,"SSN":"201-15-3259","DOB":"1954-10-14","Home":{"Street":"2437 Main Avenue","City":"Xavier","State":"KY","Zip":"10156"},"Office":{"Street":"2770 Oak Drive","City":"Tampa","State":"OH","Zip":"18459"},"Spouse":{"Name":"Eastman,Linda M.,"SSN":"110-41-1818","DOB":"1980-03-19","Home":{"Street":"5309 Ash Drive","City":"Xavier","State":"RI","Zip":"36964"},"Office":{"Street":"4288 Washington Place","City":"Xavier","State":"HI","Zip":"41889"},"Spouse":{"Name":"Huff,Dave C.,"SSN":"559-32-3838","DOB":"1973-05-05","Home":{"Street":"6216 First Avenue","City":"Tampa","State":"WA","Zip":"68628"},"Office":{"Street":"2896 Clinton Drive","City":"Elmhurst","State":"UT","Zip":"97796"},"FavoriteColors":["Purple"],"Age":47},"FavoriteColors":["Purple","Blue"],"Age":40},"FavoriteColors":["Red","Purple"],"Age":65,"Title":"Laboratory Marketing Manager","Salary":35888}]}
```

Show Employee by ID:103

```
{ "Name":"Faust,Buzz H.,"SSN":"979-41-6347","DOB":"1938-02-07","Home":{"Street":"6231 Madison Avenue","City":"Gansevoort","State":"TX","Zip":"49085"},"Office":{"Street":"6402 Main Street","City":"Elmhurst","State":"RI","Zip":"82976"},"Spouse":{"Name":"Joyce,Chad C.,"SSN":"199-86-8085","DOB":"1974-11-17","Home":{"Street":"6229 Main Street","City":"Reston","State":"FL","Zip":"16922"},"Office":{"Street":"8509 Elm Blvd","City":"Bensonhurst","State":"HI","Zip":"90665"},"Spouse":{"Name":"Cooke,Diane C.,"SSN":"754-49-5729","DOB":"1984-01-12","Home":{"Street":"9624 Maple Place","City":"Albany","State":"MS","Zip":"60948"},"Office":{"Street":"4711 Second Place","City":"Youngstown","State":"VA","Zip":"31250"},"Age":36},"FavoriteColors":["Purple"],"Age":45},"Age":82,"Title":"Global Administrator","Salary":13813}
```

Show Global PersonD by ID:4

```
$Data()=1
Value=$lb("","Eastman,Mary C.,"887-18-3730",44711,$lb("3889 Ash Blvd","Washington","TX",67862),$lb("5709 Oak Blvd","Chicago","IL",30845),"","")
```

Index list for Person & Employee (n,y):y

```
$Employee
$Person
NameIDX
SSNKey
ZipCode
```

Exit Demo (n,y,*):

Populate Person by:

Populate Company by:

Populate Employee by:

Show Person by ID:

Show Company by ID:

Show Employee by ID:104

```
{ "Name":"Novello,Emily I.,"SSN":"411-35-4234","DOB":"1943-01-07","Home":{"Street":"3353 Washington Court","City":"Hialeah","State":"MT","Zip":"22403"},"Office":{"Street":"9743 Clinton Blvd","City":"Xavier","State":"OH","Zip":"89038"},"Spouse":{"Name":"Goldman,Usha T.,"SSN":"465-59-4053","DOB":"1987-07-16","Home":{"Street":"2578 Second Blvd","City":"Gansevoort","State":"FL","Zip":"77552"},"Office":{"Street":"6986 Main Street","City":"Elmhurst","State":"VT","Zip":"48713"},"Spouse":{"Name":"Rogers,Norbert V.,"SSN":"990-11-9806","DOB":"1962-04-23","Home":{"Street":"867 Oak Street","City":"Denver","State":"NH","Zip":"64647"},"Office":{"Street":"3309 Oak Court","City":"Denver","State":"NY","Zip":"76436"},"FavoriteColors":["Green","Green"],"Age":58},"Age":33},"FavoriteColors":["Green","White"],"Age":77,"Title":"Senior Product Specialist"
```

```
, "Salary":96469}
```

```
Show Global PersonD by ID:
```

```
Index list for Person & Employee (n,y):
```

```
Exit Demo (n,y,*):y
```

```
***** done *****
```

```
USER>
```

[#API #ObjectScript #InterSystems Package Manager \(IPM\) #InterSystems IRIS #InterSystems IRIS for Health 在 InterSystems Open Exchange 上检查相关应用程序](#)

源 URL:<https://cn.community.intersystems.com/post/iris-objectscript-%E5%8E%9F%E7%94%9Fapi-demo>