Article
[alex kosinets](#) · Apr 20, 2020   1m read

 Open Exchange

CRUD EXCEL

Download MX into folder C:/mx   (if Windows)

Create the REST application MX in IRIS namespace USER:

- USER> do ^%REST …………
- USER> do $System.OBJ.ImportDir(" c:/mx" ," vmx.ro" ," ck" ,,1)
- USER> do $System.OBJ.ImportDir("c:/mx","rest.xml","ck",,1)

Prepare excel sheet - place on it mx-formulas and mumps-commands:

	?$$B 12 1	?$$TQM M	?=$zv				?=$j	^%SYS("WebServer","Port") = ("WebServer","Port")	
	?$$B 134-				?CRUD oo				
		?$$B 30 20	?$$B 30 20						
				?= s z="^pe	id	Name	Title	Company Phone	DOB
		?$$B 30 20	?$$B 30 20						
_99			?C	?_%mxInde	?_id [	?_Name	?_Title	?_Company ?_Phone	?_DOB oo] ?$$B:$g(CR
		?$$B 60 20 [							
								?=$$ts^MX1 s CRUD=$replace(CR	
	?$$ReadTable ^persons0								
	id*	Name	Title	Company	Phone	DOB			
	1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22			
	2	Jeff Besos	CEO	Amazon	123-555-123	1982-02-20			
	3	Alex Green	Director	SIA MX	333-123-123	1973-01-25			
	4	Boris Gray	Counter	SIA MX	123-555-777	1964-12-29			

To connect excel correctly, you must first specify the server address and port in MX_CONFI.xlsb sheet 'connections'. Port see in ^¦"%SYS"¦%SYS("WebServer","Port").

Run MX.XLSB. Commands written on sheet created a test global on the server and the interface buttons.

R		IRIS for Windows (x86-64) 2020.1 (Build 215U) M	15060		^%SYS("WebServer","Port") =	52774
			id	Name	Title	Company	Phone	DOB

id	Name	Title	Company	Phone	DOB
1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22
2	Jeff Besos	CEO	Amazon	123-555-123	1982-02-20
3	Alex Green	Director	SIA MX	333-123-123	1973-01-25
4	Boris Gray	Counter	SIA MX	123-555-777	1964-12-29
5	Inga Zale	Manager	ENT-DK	555-777-888	1961-11-06

restory init person list

20200420 17:52:27

To add a new person to the list, press button C. There will be an additional empty line with id = 6.

Recording a new person in it line.

R		IRIS for Windows (x86-64) 2020.1 (Build 215U) M	15060		^%SYS("WebServer","Port") =	52774

	id	Name	Title	Company	Phone	DOB
	1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22
create	2	Jeff Besos	CEO	Amazon	123-555-123	1982-02-20
create	3	Alex Green	Director	SIA MX	333-123-123	1973-01-25
create	4	Boris Gray	Counter	SIA MX	123-555-777	1964-12-29
create	5	Inga Zale	Manager	ENT-DK	555-777-888	1961-11-06
create	6	New Name	Worker	ARMEX	-	-
create						

restory init person list

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To remove any from the list, press the button D, then click the button in line:

R		IRIS for Windows (x86-64) 2020.1 (Build 215U) M	15060		^%SYS("WebServer","Port") =	52774
		D				

		id	Name	Title	Company	Phone	DOB
	D	1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22
delete	D	2	Jeff Besos	CEO	Amazon	123-555-123	1982-02-20
delete	D	3	Alex Green	Director	SIA MX	333-123-123	1973-01-25
delete	D	4	Boris Gray	Counter	SIA MX	123-555-777	1964-12-29
delete	D	5	Inga Zale	Manager	ENT-DK	555-777-888	1961-11-06
delete	D	6	New Name	Worker	ARMEX	-	-

restory init person list

20200420 18:02:30

To print not all, but only some people, press the button R, then little buttons R in some lines:

R		IRIS for Windows (x86-64) 2020.1 (Build 215U) M 15060			^%SYS("WebServer","Port") =	52774	

		id	Name	Title	Company	Phone	DOB	
		1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22	x	R
read		2	Jeff Besos	CEO	Amazon	123-555-123	1982-02-20	x	R
read		3	Alex Green	Director	SIA MX	333-123-123	1973-01-25		R
read		4	Boris Gray	Counter	SIA MX	123-555-777	1964-12-29		R
read		5	Inga Zale	Manager	ENT-DK	555-777-888	1961-11-06		R
read		6	New Name	Worker	ARMEX	-	-	x	R

restory init person list

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For editing just go (pressing enter) through all cells to the end of the line, and at the same time make the required changes:

R		IRIS for Windows (x86-64) 2020.1 (Build 215U) M 15060			^%SYS("WebServer","Port") =	52774	

Rr

		id	Name	Title	Company	Phone	DOB	
		1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22	R
read		2	Jeff Besos	CEO	Amazon	123-555-123	1982-02-20	R
read		6	New Name	Worker	ARMEX	111-222-888	2002-03-07	R
read								

restory init person list

20200420 19:39:08

To edit the mx-formulas, click the design button on the top panel MX.

#Microsoft Windows #REST API #InterSystems IRIS
Check the related application on InterSystems Open Exchange

Source URL:https://community.intersystems.com/post/crud-excel