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	S("WebServ	ver","Port") = ("WebServe
	?\$\$B 134-				?CRUD oo						
		?\$\$B 30 20 d	?\$\$B 30 20	(
				?= s z="^pe	id	Name	Title	Company	Phone	DOB	
		?\$\$B 30 20 d	?\$\$B 30 20	_							
99			?C	?_%mxInde	?_id [?_Name	?_Title	?_Company	y ?_Phone	?_DOB oo] ?\$\$B:\$g(CR	
		DEED (0.20.1									
		?\$\$B 60 20								0.664.43.6371	CDITO
	ocen u	F 4.4 A								?=\$\$ts^MX1	s CRUD=
		Table ^perso									
	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 MXCONFI.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.

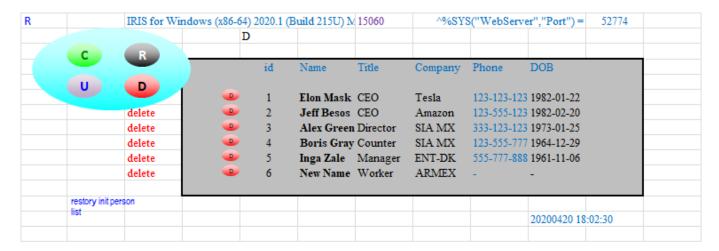
R	IRIS for Windows	(x86-64) 2020.1 (Build 215U) N	15060	^%SY	S("WebServ	er","Port") =	52774
C	R	id	Name	Title	Company	Phone	DOB	
U		1	Elon Mask Jeff Besos		Tesla Amazon		3 1982-01-22 3 1982-02-20	
		3 4	Alex Green Boris Gray	Director	SIA MX SIA MX	333-123-123	3 1982-02-20 3 1973-01-25 7 1964-12-29	
		5	Inga Zale		ENT-DK		8 1961-11-06	
restory init p	person							
							20200420 17	7:52:27

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

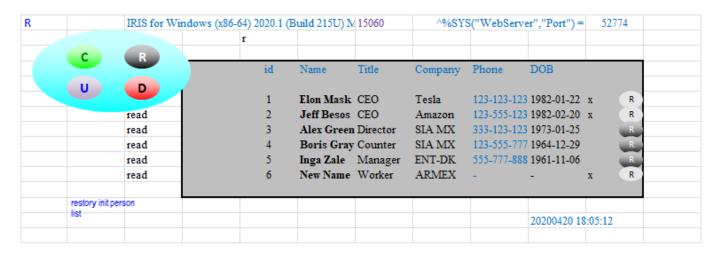
Recording a new person in it line.

3	IRIS for Windov	vs (x86-64) 2020.1 (I	Build 215U) M	15060	^%SY	S("WebServe	er","Port") =	52774
С	R	id	Name	Title	Company	Phone	DOB	
U		1	Elon Mask	CEO	Tesla	123-123-123	1982-01-22	
	create	2	Jeff Besos		Amazon	123-555-123		
	create	3	Alex Green		SIA MX SIA MX	333-123-123 123-555-777		
	create create	5	Boris Gray Inga Zale			555-777-888		
	create	6	New Name	Worker	ARMEX	-	-	
	create	_						
restory	init person							
list							20200420 17	:59:46

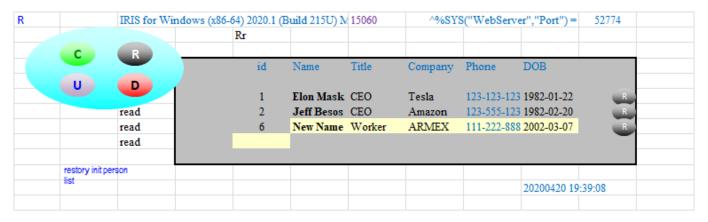
To remove any from the list, press the button D, then click the button in line:



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



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



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