

Article

[alex kosinets](#) · Feb 29, 2020 4m read

Multiple reports in one request MX

There is a special Query for reporting, **it takes one cell of Excel**. Example :

```
?$omQuery 113^oPeat | Country Country:Province Date Product:Date Date:Product:-zr | tn  
EURO | zrzt | | if Date'<%XD81,Date'>%XD82 | set zrzt=zr,EURO=summa
```

The omQuery sets the structure and content of the required documents as well as filters and data processing procedures.

In one request, up to 9 reports are created, with subtotals by group. (5 here , 3 with:subtotals)

All issued documents retain the **interactivity property** - any manipulations with cells are displayed in excel and in virtual m-excel synchronously.

Each cell can be a field for entering information into the database or a button or drop-down list.

Up to a million rows and 16,000 columns.

For experiments with omQuery, upgrade or install [MX](#), start mx.xlsb, connect to server.

The panel with buttons will expand.

Set the date (icon ' 31 ' at the top of the screen MX) January or February 2020, or week number, or period. Press button ' reports ' . Click icon ' design ' for open formulas and omQuery.

2019.year 30.December-2020.year 05.January

1	Country	tn	summa
	Germany	164.876	1 666.01
	Italy	217.877	2 810.88

Multiple reports in one request MX

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		•	382.753	4 476.89
2	Country	Province	tn	summa
	Germany	2	164.876	1 666.01
	Germany	•	164.876	1 666.01
	Italy	3	100	1 150.00
	Italy	22	117.877	1 660.88
	Italy	•	217.877	2 810.88
	•	•	382.753	4 476.89

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3		Date	tn	summa
		2020.01.02	282.753	3 326.89
		2020.01.05	100	1 150.00
		•	382.753	4 476.89

4	Product	Date	tn	summa	\$zr...
	frezkudra	2020.01.02	212.753	1 900.01	^oPeat(1)•^oPeat(3)
	frezkudra	2020.01.05	60	550.00	^oPeat(5)
	frezkudra	•	272.753	2 450.01	
	gabalkudra	2020.01.02	70	1 426.88	^oPeat(2)•^oPeat(4)

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gabalkudra	2020.01.05	40	600.00	^oPeat(6)
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gabalkudra	•	110	2 026.88	
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•	•	382.753	4 476.89	
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5	Product	Date	tn	summa	\$zr
	frezkudra	2020.01.02	67.877	700.00	^oPeat(1)
	frezkudra	2020.01.02	144.876	1 200.01	^oPeat(3)
	gabalkudra	2020.01.02	50	960.88	^oPeat(2)
	gabalkudra	2020.01.02	20	466.00	^oPeat(4)
	•	2020.01.02	282.753	3 326.89	•
	frezkudra	2020.01.05	60	550.00	^oPeat(5)

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	gabalkudra	2020.01.05	40	600.00	^oPeat(6)
	•	2020.01.05	100	1 150.00	•
	•	•	382.753	4 476.89	•

mx

You can test without m-server installation - start mx.xlsb and click [test-CACHE-32 bit-internet]

You can edit the global ^oPeat in any way and see how the reports change.

Any questions sia.enters@inbox.lv or here.

Best wishes

Alex

[#ObjectScript](#) [#Cache](#) [#InterSystems](#) [IRIS](#)

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