Running Queries

There are several steps to run a query:

- Data selection.
- Format selection.
- Running and processing the result.

Data selection

After selecting the desired query, the user selects the data by clicking on the drop-down list. The selection can be made in several ways depending on the query to be launched (Single Value-Range Value-Value List-UDC List).

Single Value

Single value returns the result corresponding to the **single value** search.

SINGLE VALUE	RANGE VALUE	VALUE LIST	UDC LIST		
Value :					
		VALIE	OATE SELEC	TION	

Range Value

Range value allows you to select a defined data range between the lowest and highest value (Lower value / Upper value).

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Lower value : Upper value : VALIDATE SELECTION	SINGLE VALUE RANGE VALUE	JE VALUE LIST	UDC LIST	
Upper value : VALIDATE SELECTION	ower value :			
VALIDATE SELECTION	Jpper value :			
VALIDATE SELECTION				

Value List

Value list allows the user to create his list of values, to do this simply enter the value to be added in the "Value to add" field and click on the + on the right of the field.

SINGLE VALUE	RANGE VALUE	VALUE UST	UDC LIST	
Value to add	l:			
220				+
Values :				
220				^
		VALIE	DATE SELECTION	

305 · · · · · · · · · · · · · · · · · · ·		
305		
'alues : 220 224 305		+
220 224 305		
	·	*
		*

UDC List

UDC list displays the list of values available for the query. The user can select one or more values according to his needs. It is also possible to search for a specific value using the search bar. The search is flexible, it is not case sensitive.

The UDC List is only available for JDE databases and on Item, Customer, Cost Center, Company, and fields controlled by a UDC table.

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10:4	.5			
Co	de Article ?			×
	SINGLE VALUE	RANGE VALUE VALUE LIST	UDCLIST	
			VALIDATE SELECTION	
	Q Search v	value		
	Select	Key	Label	
	0	#2 PENCIL	#2 Pencil	
		1 LT SALINE	1 LT Saline1	
	0	1001	Bike Rack - Trunk Mount	
	0	100101	Bike Rack - Trunk Mount	
		100102	Bike Rack - Trunk Mount	
	0	100103	Bike Rack - Trunk Mount	
Co	D de Article ?	100104	Bike Rack - Trunk Mount	×
	SINGLE VALUE	RANGE VALUE VALUE LIST	UDC LIST	
			VALIDATE SELECTION	
	Q bikE			
	Select	Кеу	Label	
	0	1001	Bike Rack - Trunk Mount	
	0	100101	Bike Rack - Trunk Mount	
		100102	Bike Rack - Trunk Mount	
	0	100103	Bike Rack - Trunk Mount	
	•	100104	Bike Rack - Trunk Mount	
		100105	Bike Rack - Trunk Mount	

Format selection

The user can select the output format for his query.

List of formats:

- Grid
- Excel

- PDF
- Text
- E-Mail
- Homepage Indicator

The **Homepage Indicator** format allows you to create an indicator with the result of the query. Its creation is simple, just select Homepage Indicator as the format and execute the query.

S FORMATS					
Grid Grid	X Excel	▶ PDF	T Text	🛛 E-Mail	V Homepage Indicator
			EXECUTE QUER	Y	

The user will fill in the tab HEADER, the title, description, level of visibility, and the refresh time. The parameters of the tab CONTENT will be displayed according to the type of result desired.

HEADER CONTENT	
Title	
Description	
Description	
Visibility	
Creator only	*
Refresh delay	
0 minutes	
CREATE INDICATOR	

PERSONAL TRACTOR			
Result table			
Single value Gauge chart Line chart Bar chart Pie chart			
Pie chart			

Running and processing the result

The query is launched by clicking on Execute query. Unlike other formats, **Grid** allows you to choose filters and perform actions on the result.

In Grid Format, the display of the name and description of the columns can be modified.

8	RES	JĽ	T FOR Q	UERY : INVE	ENTO	RY L	EDGER M M-1 F	INAL							
A	tions												~		
GRID	HEADE	R FO	RMAT:												
🛛 N	ame (Description	 Invert displa 	y of nam	ie and	description								
	YEAR	0	BUSINESS UNIT	BUILVEIS UNIT - 1D	ESCR1 (GL (G/L-IDESCRI 0	MONTH 0	Amount M 🔅	AMOUNT M-1	QTV M 0	QTV M-1	VARIANCE M M-1	Count 0	Description 0
0	2	1017	20	Northern Distribution	Center	IN30	Manufactured Finished Goods	6	201 314	596	10 120	64	200 718		
0	2	017	20	Northern Distribution	Center	IN30	Manufactured Finished Goods	4	7 710	2 758	820	240	4 932		
0	2	017	20	Northern Distribution	Center	IN90	Magufactured Finished Goods	5	596	7 710	64	\$20	-7.114		
0	2	017	20	Northern Distribution	Center	IN30	Manufactured Finished Goods	2	2 295	2 684	220	280	-389		
0	2	017	20	Northern Distribution	Center	IN30	Manufactured Finished Ocods	3	2 758	2 295	240	220	463		
	2	017	20	Northern Distribut	ion Center									5	20

Also, the Actions section above the grid is the access point for additional changes.

- Quick filtering: allows a non-case sensitive search and search on all the columns returned.
- Filter: Allows filtering by Field/Operator/Value.
- Only display level breaks
- Automatic line break: Automatic column width adjustment.
- Dynamic charts: see below.
- **Export**: Exports data in formats (excel, text, or homepage indicator).

RESULT FOR QUERY : INVENTORY LEDGER M M-1 FINAL

FADER FORMAT Name Description Invert display of name and description YEAR () BUSINESS UNIT () BUSINESS UNIT-JDESCRI () G(L. () © MONTH © AMOUNT M © AMOUNT M-1 © QTT M © QTT M-1 © VARIANCE M.M-1 © G/L-JDESCR1 Count () Descrip 6 0 Manufactured Finished Goods 201.314 64 200 715 2017 20 Northern Distribution Center IN30 10 120 0 2017 20 Northern Distribution Center DN30 Manufactured Finished Goods 7 730 2 758 \$20 240 4 952 4 5 0 2017 20 Northern Distribution Center IN30 Manufactured Finished Goods 596 7.710 64 \$20 -7.114 2 2 295 2 684 220 290 0 Northern Distribution Center DN30 Manufactured Finished Goods 2017 20 -389 2017 20 Northern Distribution Center IN30 Manufactured Finished Goods 3 2 758 0 2 295 240 220 463 2017 20 Northern Distribution Center 0 INDO Manufactured Finished Goods 5 -1 135 -5 627 1 351 872 2017 30 Eastern Distribution Center -1 353 007 -18 Linite Control Control Ditto Annumentarie Franket Goods C <thC</th> C <thC</th> <th 0 2017 30 0 2017 20 0 2017 20 0 2017 30 0 2017 20 Eastern Distribution Center DN10 Manufactured Finished Goods 7 -1 383 007 0 2017 30 55 771 258 -5 627 334 743 -57 124 265 2017 30 Eastern Distribution Center





Dynamic charts

Among these modifications, it is possible to generate a dynamic chart.



	ERY : /DEMO/MOUVE	EMEN
SAVE AS NEW FORMAT		
Table * Cour	n * 1	
Year •		Totals 23
Business Unit +		
Business Unit - JDESCR1 +		
G/L *		
0/L - JDESOR1 +		
Month +		
Amount M +		
Amount M-1 +		
Qty M +		
Qty M-1 =		

Options in the table:

- Free selection of columns.
- Choice of the type of calculation.
- Choice of the type of restitution.
- Possibility to filter the desired values by fields.



Calculation Type:

- Count: Counts the number of lines in a group.
- Count unique value: Counts the number of rows with different values for the specified field in a group.
- List unique Value: Displays the list of values for the specified field in the group without duplicates.
- Sum: Sum the values of the specified field for all rows in the group.

- Integer sum: Same as above, but displays a value rounded to an integer.
- Average: Averages the values of the specified field for each group.
- Minimum: Displays the minimum value of the specified field for each group.
- Maximum: Displays for each group the maximum value of the specified field.
- Sum over sum: For each group calculates the sum of each specified field, then performs the following ratio: "fields_1" / "fields_2".
- 80% Upper/Lower bound: Displays the maximum or minimum value of the 80% confidence interval.
- Sum as a fraction of Total: For each group makes the sum of the specified field values, then determines the percentage of this value compared to the table total, row total, or column total.
- Number in fraction of Row: For each group counts the number of rows, then determines the percentage of this value in relation to the total number of rows in the table, row, or column.

Return

<u>Table</u>

- Standard return.
- Choice of fields to compose the table freely.

able v	Moyenne SDAEXP	Expr6 : GetYear(SHTRDJ (F4201)) +											
SHCO ·	SDSRP1 - JDESCR1 +	Expr6 : GetYear(SHTRDJ (F4291)) SDSRP1 - JDESCR1	1997	1996	1995	2000	2002	2993	2004	2905	2895	2007	Totaux
SHCO - JDESCR1 +			833,33	2,80	3 009,54	10 000,00		-5,64	450 000,00	5 458,67			6 983,88
SHRYIN +		Catalogue section accessoires						23,27		11 882,12	15-000,00		11 738,14
SHRYIN - JDESCR1 +		Catalogue section vélos	12 850,00		1 280,40		3 159,99	12 555,07		191 118,54	952 868,70	30 225,00	127 278,29
SHRYIN - JDESCR2 +		Totaux	5 560,00	2,00	2 813,05	10 000,00	2 946,75	0 107,30	450 000,00	61 021,29	483 934,35	30 225,00	43 784,55
SHOTOT -													
SHTOTC +													
SOUND +													
SDSRP1 +													
SDSRP1 - JDESCR2 +													
SDUORG +													
SDUPRC +													
SDAEXP +													
SDUNCS +													
SDECST +													
Expr7 : GetMonth(SHTRDJ (F4201)) +													
Expr8 : GetDay(SHTRDJ (F4201)) +													

Table barchart

- Fills the background of the cell with a bar representing the contribution of this value in the row total.
- Choice of fields to compose the table freely.

able avec barres	Mayerne v SOAEXP v	Expr6 : GetYear(SHTRDJ (F4201)) +											
SHCO +	SDSRP1 - JDESCR1 +	Expr6 : Gettlear(SITR0J (F4201)) SDSRP1 - JDESCR1	1997	1998	1999	2900	2062	2903	2804	2005	2906	2967	Totaux
SHCO - JDESCR1 + SHRYIN +			833,33	2,80	3 009,54	10 000,00		-5,64	450 000,00	\$ 450,67			5 963,88
SHRYIN - JDESCR1 +		Catalogue section accessoires						23,27		11 882,12	15 000,00		91 730,54
SHRYIN - JDESCR2 + SHOTOT +			12 650,00		1 288,40		3 158,99	12 555,07		191 119,54	952 868,70	30 225,00	127 278,29
SHTOTC -		Catalogue section vélos											
SDLND +		Totaux	5 560,00	2,80	2 813,86	10 000,00	2 945,75	8 187,38	450 000,00	61 021,29	483 934,35	30 225,00	43 784,55
SDSRP1 - JDESCR2 +									_				
SDUORG *													
SDUPRC +													
SDAEXP +													
SDUNCS +													
SDECST *													
Expr7 : GetMonth(SHTRDJ (F4201)) *													
Expr8 : GetDay(SHTRDJ (F4201)) *													

<u>Heatmap</u>

- Fills the background of the cell with a more or less strong shade of red depending on the contribution of the value in the total.
- The total taken into account may be the total of the table, the row or the column.
- Choice of fields to compose the table freely.

Carte de chaleur v	Moyenne	Expr6 : GetYear(SHTRDJ (F4201)) +											
SHCO ·	SDSRP1 - JDESCR1 +	Expr6 : GetTear(SHTRDJ (F4201)) SDSRP1 - JDESCR1	1997	1998	1999	2900	2982	2963	2004	2995	2996	2987	Totaux
SHCO - JDESCR1 +			833,33	2,00	3 009,54	10 000,00		-5,64	450 000,00	5 458,67			\$ 963,06
SHRYIN -		Catalogue section accessoires						23,27		11 882,12	15-000,00		11 720,54
SHRYIN - JDESCR1 +		Catalogue section vélos	12 650,00		1 200,40		3 159;99	12 555,07	_	191 119,54		30 225,00	101.001.00
SHRYIN - JDESCR2 -		Totaux	5 560,00	2,80	2 813,85	10 000,00	2 945,75	8 187,38	450 500,00	51 021,29	40.054.35	30 225,00	43 784,55
SHOTOT -													
SHTOTC -													
SDLNID +													
SDSRP1 +													
SDSRP1 - JDESCR2 +													
SDUORG +													
SDUPRC +													
SDAEXP +													
SDUNCS +													
SDECST +													
Expr7 : GetMonth(SHTRDJ (F4201)) *													

<u>Curve</u>

- Choice of fields to freely compose the curve.
- If intermediate points are missing, they are not extrapolated, leaving unconnected points.

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Courbe v	Moyenne SDAEXP	Expr6 : GetYear(SHTRDJ (F4201)) =	
SHC0 * SHC0 - JDESCR1 * SHRYIN - JDESCR1 * SHRYIN - JDESCR2 * SHOTOT * SHTOTC * SOLND * SOSRP1 - JDESCR2 * SOURG * SOURG *	SDAEXP SDSRP1-JDESCR1 •	CLUB C. OR HARDON HARDON PARCHINE C. PARCHINE "	Moyenne(SDAEXP) sur Expr6 : GetYear(SHTRDJ (F4201)) par SDSRP1 - JDE SCR1
SDAEXP + SDUNCS +		20000 -	
SDECST * Expr7 : GetMonth(SHTRDJ (F4201)) * Expr8 : GetDav(SHTRDJ (F4201)) *		s- ¥	
		1997 1996	1999 2000 2002 2003 2004 2005 Moyenne Catalogue section accessoires Catalogue section vélos

<u>Zone</u>

• Same as the curve but the area between the curve and the smallest value is colored.



Bar chart

- Choice of fields to compose the graph freely.
- Colors and legend are done automatically.



Stacked bar

• Same principle as bar rendering except that the values of the different groups are not shown side by side but are cumulative.

fam anali	Ratio de sommes			E - CutVen Children I / E + 24 40				
barre emple	SDAEXP	~ SDECST		en : der rearionnen (ness ift)				
SHCO + SHCO - JDESCR1 +	Expr7 : GetMo	eth(SHTRDJ (F4201)) -		, eecer)		Ratio de somme	es(SDAEXP, SDECST)	sur Expr6 : GetYear(5
SHRYIN - JDESCR1 -			18	week Structure				
SHRYIN - JDESCR2 + SHOTOT +				Tatis de ser				
SHTOTC - SOLND -			12					
SDSRP1 - JDESCR1 +			10	10 -				
SDSRP1 - JDESCR2 + SDUORG +		•						
SDUPRC + SDAEDP +								
SDUNCS - SDECST -						_		
Expr8 : GetDay(SHTRDJ (F4201)) +							-	
			•	1897	1996	1999	2000 1 2000 3	2002

<u>Treemap</u>

- Choice of fields only in the header column of the dynamic table.
- The surface area of the elements is proportional to the ratio of their value on the total of the dynamic table.



<u>Scatter</u>

- Displays a point if a value exists in the data for a key corresponding to the torque (ordinate axis value, abscissa axis value).
- The type of calculation performed does not change the position of the points, but it does change the value indicated in the tooltip when passing over a point.



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