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## List Queries



Click/tap Manage Queries on the menu bar or on the home page. The List Queries page will appear.

You can: Edit, Clone, Change Query Type, Change Status

Status left to right: In process, All saved, Generated, Active, Inactive, Void. Click off; click again on.

Create new query

Status

+ Create

	Query Name ^	Query Type ^	Status	View Being Used ^
	About the business represented in this database	Data Audit	Active	vQQ_About_Ewarenow_Quick_Query_Demo_EQQDemo
	Demo All customers and the items they ordered	Data Audit	Active	vQQ_Demo_All_sales_orders_EQQDemo
	Demo All customers and their contacts	Who or What	Active	vQQ_Demo_All_organizations_and_their_contacts_EQQDemo
	Demo All items with their purchase order history	Data Audit	Active	vQQ_Demo_All_items_purchase_order_history_EQQDemo
	Demo All items with their sales order history	Data Audit	Active	vQQ_Demo_All_items_sales_order_history_EQQDemo
	Demo All suppliers and the items we ordered from them	Data Audit	Active	vQQ_Demo_All_purchase_orders_EQQDemo
	Demo All suppliers and their contacts	Who or What	Active	vQQ_Demo_All_organizations_and_their_contacts_EQQDemo
	Demo List of items	Who or What	Active	vQQ_Demo_All_items_EQQDemo
	Demo Stock on hand as of specified date	Data Audit	Active	vQQ_Demo_All_stock_history_EQQDemo
	Simple Query for User Guidance	Data Audit	In process	vQQ_Demo_View_for_User_Guidance_EQQDemo

« 1 2 »

10 25 50 100

You may want to click/tap to show more rows at a time

Or click/tap through the numbered blocks to find the query you want.

And the best choice may be to use dynamic search like this

	user			
	Simple Query for User Guidance	Data Audit	In process	vQQ_Demo_View_for_User_Guidance_EQQDemo

# Create Query – Basic Information

This is a fairly simple query but it demonstrates all the commonly used EQQ features.

- Select the View to Use; enter a Query Name and Description
- Optionally select a Query Type and enter a Query Tip
- Click/tap Save to be able to proceed

Create Query

Undo Recent

Close Page

Save All

Generate Query

Test Query

Activate Query

Inactivate Query

Void Query

Clone Query

<

Basic Information

Column List

Condition List

Parameter List

Sort By List

Epilogue

Test Query

>

Basic Information

View To Use

Demo View for User Guidance

Query Name

Simple Query for User Guidance

Query Description

A simple and useful query with basic info, column list, condition list, parameter list, and sort by list.

Query Type

Data Audit

Technical Name

pQQ\_Simple\_Query\_for\_User\_Guidance\_EQQDemo

Query Tip

Demonstrates the most commonly used features

Save

Back To Manage

Previous

Next

## Column List

The first task is to select the columns you want in your query from the Source Columns (all the columns in the view you chose to use in Basic Information).

Usually, you will select the columns one at a time: click/tap its name.

Or you can click/tap Select All and later remove a few that you do not want in your query.

When you are done selecting columns click/tap Hide and click/tap Save

Edit Query

Undo Recent Close Page Save All Generate Query Test Query Activate Query Inactivate Query Void Query Clone Query

Basic Information Column List Condition List Parameter List Sort By List Epilogue Test Query

Column List

Query Status: In process

Source Columns

Select All Unselect All

Hide

Columns in Query

New Column Save

Has Grouping Drag & Drop

Column	Data Type
Customer	nvarchar
CAddress1	nvarchar
CAddress2	nvarchar
CCity	nvarchar
CStateProv	nvarchar
CPostalCode	nvarchar
CCountry	nvarchar
CustomerPK	int
CustomerStatusID	int
IsCustomer	bit

« 1 2 3 4 5 »

10 25 50 100

You can work your way through blocks of 10 column names

Or click/tap to see more at a time

Sometimes dynamic search is the fast way to find columns

Column

Data Type

item

SalesOrderItemid nvarchar

OurItemCode nvarchar

Typeltem nvarchar

OurItemName nvarchar

ItemDescription nvarchar

10 25 50 100

When you are done selecting columns

These are the columns the user selected for this query.  
The Excel column when the result is exported. To move a column up or down, click, drag, and drop where you want it.  
Click/tap to add to Condition List, Parameter List, Sort by List. Edit column. Remove from query

Need to select another column  
Add a new column

Edit Query

Undo Recent

Close Page

Save All

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Activate Query

Inactivate Query

Void Query

Clone Query

<

Basic Information

Column List

Condition List

Parameter List

Sort By List

Epilogue

Test Query

>

Column List

Query Status: All saved

Columns in Query

Show Source Columns

New Column

Save

Has Grouping

Drag & Drop

						Column	New Name	Settings
						Customer		<input type="checkbox"/>
B						CCity		<input type="checkbox"/>
C						CStateProv		<input type="checkbox"/>
D						CCountry		<input type="checkbox"/>
E						CCFirstName		<input type="checkbox"/>
F						CCLastName		<input type="checkbox"/>
G						CustomerContactRole		<input type="checkbox"/>
H						SalesOrderHeaderId		<input type="checkbox"/>
I						DateOrdered		<input type="checkbox"/>
J						OurItemCode		<input type="checkbox"/>
K						OurItemName		<input type="checkbox"/>
L						TotalQtyShipped		<input type="checkbox"/>
M						UnitPrice		<input type="checkbox"/>
N						TypeItem		<input type="checkbox"/>
O						Supplier		<input type="checkbox"/>
P						SStateProv		<input type="checkbox"/>
Q						Scountry		<input type="checkbox"/>
R						CustomerStatusID		<input type="checkbox"/>

## Edit Column Popup

The most common reasons to edit a column are to:

- Give it a New Name that will appear in the column heading when the query is exported
- Omit it from being displayed On Output by unchecking this checkbox
  - NOTE: No Expression is allowed when there is Column selected.

Make the edit you want; then click/tap OK.

The screenshot shows the 'Edit Column' dialog box. It has a title bar 'Edit Column'. Below it are three main sections: 'Column', 'New Name', and 'Expression'. The 'Column' section has a dropdown menu showing 'CustomerStatusID'. The 'New Name' section has a text input field. The 'Expression' section has a large text area. At the bottom left is a checkbox labeled 'On Output' which is checked. At the bottom right are two buttons: 'OK' (blue) and 'Cancel' (orange). Three green arrows point to specific elements: one to the 'Column' dropdown, one to the 'New Name' text field, and one to the 'OK' button.

Column

CustomerStatusID

New Name

Expression

On Output ☒

OK Cancel

**New Column Popup**

The user created two new columns with simple Expressions on Source Columns from the view Customer contact name:

Edit Column

Column

New Name

Contact

Data Type

Text

Expression

[CCFirstName] + ' ' + [CCLastName]

On Output

☒

OK

Cancel

Extended Price for each item

Edit Column

Column

New Name

Extended Price

Data Type

Number

Expression

Round([TotalQtyShipped] \* [UnitPrice],2)




On Output













































































































☒

OK

Cancel

Refined Column List

Here is the refined column list. You can see all the New Names.  
Most columns will display on output  . One will not  . Two have expressions 

						Column	New Name	Settings
A						Customer		
B						CCity	City	
C						CStateProv	State	
D						CCountry	Country	
E							Contact	
F						CustomerContactRole	Title	
G						SalesOrderHeaderId	SO #	
H						DateOrdered	Order Date	
I						TotalQtyShipped	Qty Shipped	
J						UnitPrice	Unit Price	
K							Extended Price	
L						OurItemName	Item Name	
M						TypeItem	Item Category	
N						OurItemCode	Item Code	
O						Supplier		
P						SStateProv	Supplier State	
Q						Scountry	Supplier Country	
R						CustomerStatusID		



## Condition List

The user selected the customer StatusID as a condition

Edit Query

Undo Recent

Close Page

Save All

Generate Query

Test Query

Activate Query

Inactivate Query

Void Query

Clone Query

Basic Information

Column List

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Epilogue

Test Query

Condition List

Query Status: Active

Drag & Drop ☐

Save

	Column	Type	From Value	To Value
1	CustomerStatusID	Is equal to	16	

10

25

50

100

And set it to 16 which the user knew meant it 'Active' customer. This will exclude any inactive, cancelled, or voided customers.

Edit Condition

Wrap the value by the single quotes for text and date time data type or the brackets for column name. Example : [StatusId], 'my text value', '02/15/2019'.

Column

CustomerStatusID

Condition Type

Is equal to

Value

16

OK

Cancel



# Parameter List

The user chose four columns to have parameters.

Edit Query

Undo Recent

Close Page

Save All

Generate Query

Test Query

Activate Query

Inactivate Query

Void Query

Clone Query

<

Basic Information

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Test Query

>

Parameter List

Query Status: Active

Drag & Drop

Save

			Column	Parameter Type	Is Required	Optional Parameter Tip To User	Max. Entries In List	Minimum Required
1			Customer	Contains	No			
2			CStateProv	Is equal to	No			
3			CCountry	Is equal to	No			
4			OurItemCode	Contains	No			

10

25

50

100

For each parameter the user chose: Parameter type from the dropdown and Required yes/no

Edit Parameter

Column

Customer

Parameter Type

Contains

Is Required

No

Optional Parameter Tip To User

Max. Entries In List

Minimum Required

OK

Cancel

## Sort by List

Sort by fields default to sort ascending as shown here. Simply click on the blue Ascending icon to change it to sort descending









Edit Query

Undo Recent Close Page Save All Generate Query Test Query **Activate Query** Inactivate Query Void Query Clone Query

Basic Information Column List Condition List Parameter List **Sort By List** Epilogue Test Query

Sort By List

Query Status: Active Drag & Drop ☒ Save

			Column
1			Customer
2			SalesOrderHeaderId
3			TypeItem
4			OurItemCode

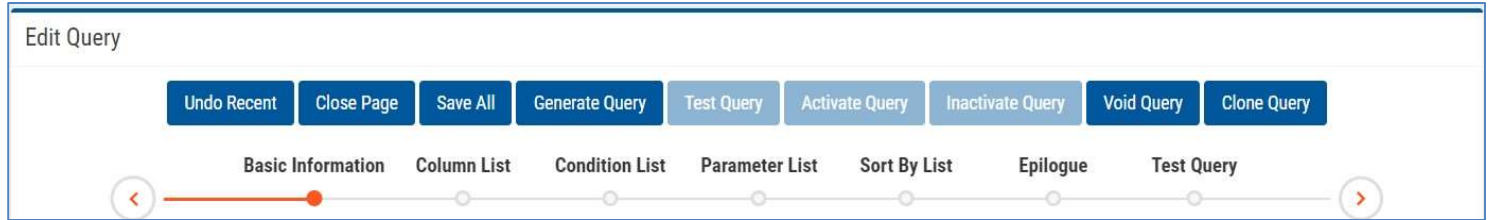
10 25 50 100

## Epilogue

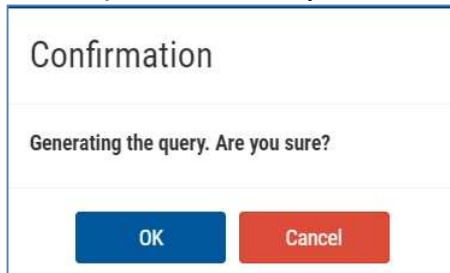
The Epilogue is an advanced feature and rarely used.

## Deploy the Query

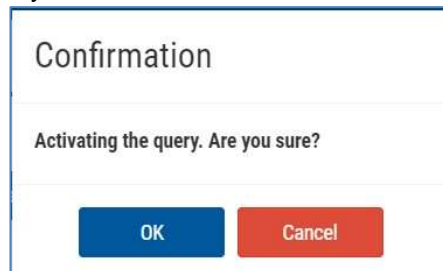
When you have completed your work on Table List, Column List, Condition List, Parameter List, and Sort by List, you can check out your work and, if satisfactory activate the query so it can be available in Use Queries.



1. Click/tap Save All and receive a green success message: "All data has been saved"
  - If the Save All fails, you need to correct the problems. Common ones are errors in Expressions, missing Type and Value settings in Condition List, and undefined Parameters
2. Click/tap Generate Query and receive a confirmation message



3. Click/tap OK and receive a green success message: "Generate View succeeded"
  - If the Generate Query fails, you need to find and correct the errors and repeat this process.
4. Click/Tap Test Query. You will be presented with the Parameter List you defined. Enter something and click/tap Run
  - The SQL code you have defined with the work above has now been executed. There may be errors. Most likely they will be caused by problems with Expressions in the column lists or conditions.
5. Review the results to see if the data is what you expected.
6. Scroll to the bottom and look at the number of records generated. Does it seem reasonable?
7. If you are satisfied with the results click/tap Activate Query and receive the green message:



8. Click/tap OK and receive the green message: Update Status succeeded.
9. Click/Tap Close Page to return to List Queries