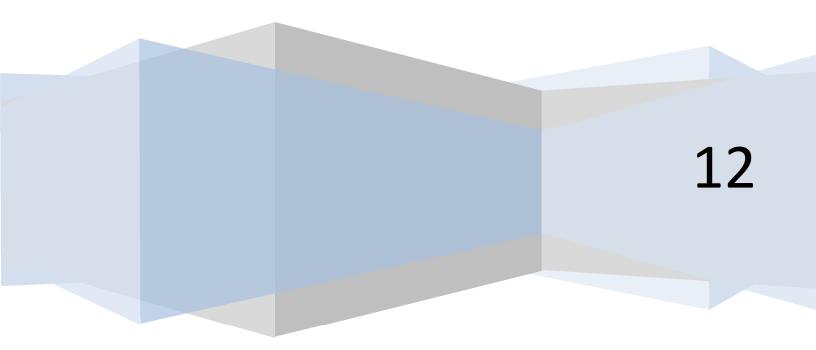


User Guide

NAZDAQ - Nazareth Data Quest



User Guide

NAZDAQ – Nazareth Data Quest

Contents

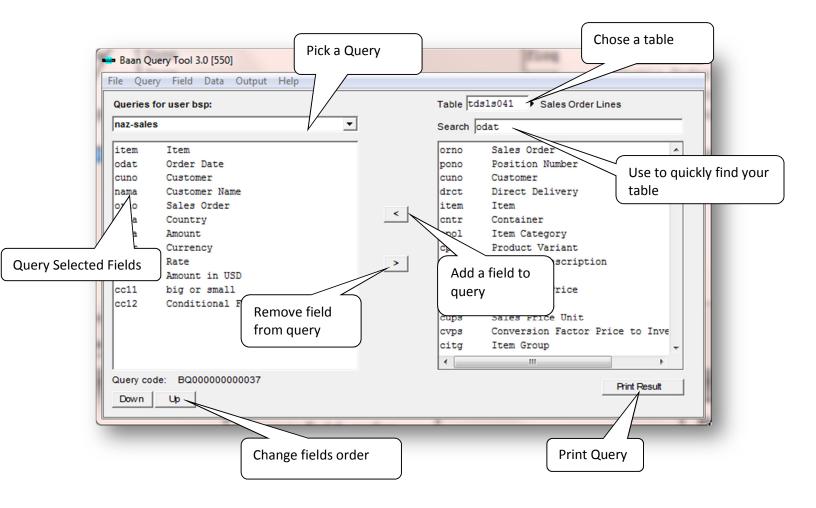
1	Mal	ke a Query	4
1.1	c	reate a new Query	4
	1.2	Delete Query	5
	1.3	Rename a Query	5
	1.4	Organize Queries	5
	1.5	Add Fields to Query	5
	1.6	Printing a simple Query	9
	1.7	Add Fields from a second Table (Table Linker)1	.3
	1.8	Add Calc. fields1	.6
	1.9	Add aggregation functions	.9
2	Add	l conditional field2	21
3	Cus	tomizing the Query form	22
	3.1	Hiding Fields from Query2	22
	3.2	Save Defaults in the Form2	22
	3.3	Zoom into a Session2	23
4	Filte	ering output2	25
5	Sort	ting output2	25
6	Cus	2 zomizing Query Layout	27
7	Out	put Options2	8
	7.1	Wide Reports	8
8	Org	anizing Queries2	29
9	Run	-only Query3	0
1	9.1	Copy Query	0
10	A	utomating Queries	1
	10.1	Run Query inside Baan Run Program	1
	10.2	Run Query From Command-Line	2
	10.3	Run Query From BECS	3

User Guide

NAZDAQ - Nazareth Data Quest

Introduction

There is a new and elegant way to create queries and ad-hoc reports on your Baan data: **bQuery-Tool**. This Baan session comes with an easy to use graphical interface which allows you to create dynamic queries from your Baan database.



User Guide

NAZDAQ – Nazareth Data Quest

1 Make a Query

1.1 Create a new Query

In *bQuery-Tool* you can create a query that display a table, with the field you want, from one or more tables in the database.

To create a Query in *bQuery-Tool*:

- 1) You need to open *bQuery-Tool* session, If you don't know how ask your administrator
- 2) The following screen will be displayed:



To start working in a new Query click on menu bar: Query -> New and insert a query name

- 3) Now you have a new query with a new name
- 4) You can view all your queries from this drop down control under Queries for user<username>

User Guide

NAZDAQ – Nazareth Data Quest

Queries for user bsp:		Table	
test	•	Search	
Ehab-BigCustomers	-		
Maintenance customers 1			
Worth Trying customers			
Pricing			
Jamal			
aziz			
manual	<		
Semantic Demo			
ehab-ester			
naz-sales-by-country	>		
CRM Contact Data			
resellers			
test			
Query2	E		
33			
ehab-cus			
mmb2w			
Outer Example			
PO TEST			Print Result
sales-report	Ŧ		Hint Hesuit

1.2 Delete Query

You can delete the query you created by loading the query and click on menu: **Query -> Delete**

1.3 Rename a Query

You can rename the query you created already by loading the query and clicking on menu: *Query -> Rename*, insert a new name and click ok

1.4 Organize Queries

You can organize order of the queries viewed in the list.

1.5 Add Fields to Query

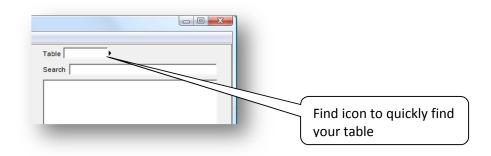
Now after you have created a new query, you are ready to add fields to it.

To add fields to query:

1) Choose the table

User Guide

NAZDAQ – Nazareth Data Quest



If you have the table name insert it on the table field, if not click on find icon and a selection window appears:

Display A	ll Tables			Ok
Display Ta	ables by De	escriptio	on	Cancel
Display Cu	irrent Quei	ry Tables	з –	

"Display All Tables" will go to the standard Baan session "Display Tables"

"Display Tables by Description" will open a new window that will allow searching for the table by description and table code

"Display Current Query Tables" will display only the tables that are used in the current query.

For example if we click on Display Tables by Description, a window like this appears, in Search field we insert *"Sales order"*

User Guide

NAZDAQ – Nazareth Data Quest

dltc106 - Sales Orders (LTC)	
ditcitto - Sales olders (Bic)	Ok
tdsls038 - Sales Order Margin Control Log File	Cancel
dsls040 - Sales Orders	
dsls041 - Sales Order Lines	
dsls042 - Specific Addresses (Sales Orders)	
dsls043 - Bill of Lading Data (Sales Orders)	
dsls044 - Unblocked Sales Orders	
dsls047 - Sales Order Bills of Material	
dsls049 - Delivered Sales Orders to be Processed	
dsls050 - Sales Order History	
dsls051 - Sales Order Line History	
dsls701 - Sales Order Acknowledgment Code Assignm	ients
dsls703 - Sales Order Acknowledgments Codes	

Select a table from the list and click **Ok**

2) Add fields

Add the fields you want from the table, by selecting the field and click the add button (marked in red)

Queries for user bsp:		Table tiitm001 Htems	
Query2	•	Search	
		item Item	*
		dsca Description	E
		dscb Material	
		dscc Size	
		dscd Standard	
	<	wght Weight	
		seak Search Key I	
		seab Search Key II	
	>	kitm Item Type	
		citg Item Group	
		ctyp Product Type	
		csel Selection Code	
		csig Signal Code	
		cvat Tax Code	
		txta Item Text	-
		•	- F
Query code: BQ00000000184			Print Result

User Guide

NAZDAQ – Nazareth Data Quest

You can also find fields without knowing the 4 letter code. You can simply search for a certain field using the "Search" that performs a search on both the field name and field description.

As an example, if we want to add the Delivery Date for a sales order line but are not sure of the name of the field, we can simply search for "Date" as below and the only fields that contain "Date" in their names will appear, making our life easier in choosing a field.

	x
Help	
Table tiitm001 Htems	
▼ Search	_
item Item	^
dsca Description	=
dscb Material	_
dscc Size	
dscd Standard	
< wght Weight	
seak Search Key I	
seab Search Key II	
> kitm Item Type	
citg Item Group	
ctyp Product Type	
csel Selection Code	
csig Signal Code	
cvat Tax Code	
txta Item Text	-
Print Result	1
	_

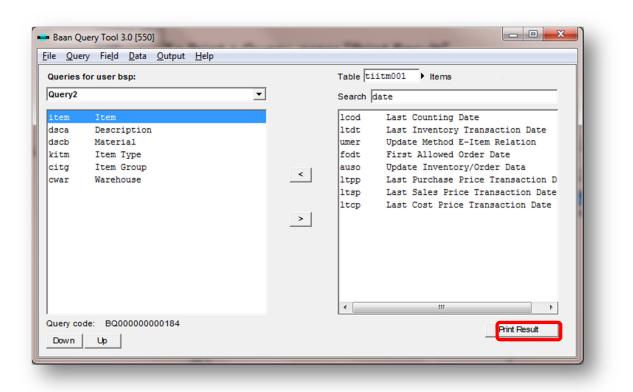
User Guide

NAZDAQ – Nazareth Data Quest

1.6 Printing a simple Query

Queries created can be printed to Baan devices. The following is an example of printed a simple query.

1) To Print a Query, press "Print Result"



2) A windows like this appears (Query Form)

	From		То	
Item		-	2222222222222222	Continue
Description		-	222222222222222222222222222222222222222	Cancel
Material		-	2222222	Save Defaults
ltem Type	Purchased	-	Subcontracting	Clear Defaults
Item Group		-	222222	
Warehouse		-	222	

User Guide

NAZDAQ – Nazareth Data Quest

		s Order Tools		
l 🗄 🏐 🛌	£ 🖻 £ 🖊			₩?
Device	D	► Disp	lay	
Driver				Continue
Туре	Screen			Cancel
Paper Type				
Page Width	80	Prev	iew 🗌	
Template Code				→
File				
Output File				
Print				
Date		Time	00:00	
	1			
Copies From Page		To Page	999999	
From Page Paper Type		To Page		
From Page Paper Type Font			•	
From Page Paper Type Font Paper Width		Orientation		
From Page Paper Type Font				
From Page Paper Type Font Paper Width		Orientation		

3) Click Continue button and you get the option to choose a device

4) After we specify the device, query results will be printed (Query Report Output).

	▶ ▶ ?				
ate : 22-06-12 mocompany_550	[14:41]	Query2		Page Compa	: any : 55
cem	Description	Material	Item Type	Item Group	Warehouse
11690	test		Manufactured	201	300
12610	В	cxvxc	Manufactured	201	300
12615	Model B		Manufactured	301	300
12620	Model C		Manufactured	201	300
12625	Model D	0987	Manufactured	301	300
13695	Generic computers		Generic	301	300
14650	Model Cheetah		Manufactured	301	300
	Model Jaguar		Manufactured	301	300
	Model Panther		Manufactured	301	300
14665	Model Tiger		Manufactured	101	300
14670	Model Linx		Manufactured	301	300
	Monitor 15" LCD		Manufactured	201	200
	Monitor 21" .32 DPI		Manufactured	201	200
25812	4mb 72pin simm mem 1x36-60ns		Purchased	101	100
25814	8mb 72pin simm mem 2x36-60ns		Purchased	101	100
25816	16mb 72pin simm mem 4x36-60ns		Purchased	101	100
25818	32mb 72pin simm mem 8x36-60ns		Purchased	101	100
	Pentium chip 75 Mhz		Purchased	101	100
25823	Pentium chip 90 Mhz		Purchased	101	100
25825	Pentium chip 133 Mhz		Purchased	101	100
					•

User Guide

NAZDAQ - Nazareth Data Quest

The Query Form and the Query Report output can be customized to enable greater possibilities and flexibility as we can see in the following chapters.

Add Enumeration, Text and Array Fields

bQuery-Tool supports working with Enumerated fields and Text fields and array fields, unlike non-Baan query and reporting tools that do not recognize these fields.

As an example, if you add field *tiitm001.kitm* (Item Type) to your query, *bQuery-Tool* recognizes this as an enumerated field. In the Form, you will be able to choose between Manufactured, Purchased and so on. In the report output, these values will appear instead of the number (between 1 and 6).

	From		То	
ltem		-	2222222222222222	Continue
Description		-	222222222222222222222222222222222222222	Cancel
Material		-	2222222	Save Defaults
ltem Type	Purchased	-	Subcontracting	Clear Defaults
ltem Group	Purchased 😽	-	222222	
Warehouse	Manufactured Generic	-	222	
	Cost		,	
	Service			

If we choose a field that is a Text field, the text that is associated will be printed in the query report (and not the "text number").

E 🐴 🖊 🖣	▶ ▶ ?		
lanufactured eneric lanufactured lanufactured	12625 Model D 13695 Generic computers 14650 Model Cheetah	301 301 301 201	<u> </u>
	There is a new and elegant way to create from within Baan or ERP Ln: Baan Query To The webinar will include a live demo to queries using Baan Query Tool's strong in dealing with some of the special feature use graphical user interface will be dem exported to Excel templates where further reports can be automatically generated.	ool. show how easy it is to c ntegration with Baan, an s of the Baan data. The onstrated, while data is	reate d easy to
lanufactured lanufactured lanufactured lanufactured lanufactured urchased	14660 Model Panther 14665 Model Tiger 14670 Model Linx 24780 Monitor 15" LD 24781 Monitor 15" LD 25812 Mab 72pin simm men 1x86-6 25814 Mab 72pin simm men 2x86-6		

User Guide

NAZDAQ – Nazareth Data Quest

You can also chose a field that is an array and *bQuery-Tool* will let you print a specific range of each value of the array

	From			То	
Customer Name		-	-	222222222222222222222222222222222222222	Continue
Customer No.		1	-	222222	Cancel
Status		•	-	2222222222222222222222222	Save Defaults
Turnover	-99999999999999999999999999999999999999		-	9999999999999999.9999	Clear Defaults
	-99999999999999999999999999999999999999		-	99999999999999999999999999	
	-99999999999999999999999999999999999999		-	999999999999999999999999999	
	-99999999999999999999999999999999999999		-	99999999999999999999999999	
	-99999999999999999999999999999999999999		-	99999999999999999999999999	

Array will also be visible in output results

File Options Help									
Date : 25-06-12 [13:13] Democompany_550			Customers Status					ge : mpany : S	1 550
Customer Name	Customer No.	Country	Status	Turnover					_
Electronic Business Corp.	1001	United States of America	Excellent Credit	0.0000	0.0000	0.0000	0.0000	0.0000	_
Mousepad by	1003	Canada	Excellent Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Wire Inc.	1005	United States of America	Excellent Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Computer United Ltd.	2001	United States of America	Excellent Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Butter Milk Dreaming	9001	United States of America	Excellent Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
D.H.T. Inc.	0011	Japan	Fair Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Process United	8001	Canada	Fair Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Sun Australia	1004	United States of America	Good Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Interior & Interior	5001		Marginal Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Car & Car	6001	United States of America	No Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Wholesale Inc.	0001	United States of America	Very Good Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Keyboard Ltd	1002	United States of America	Very Good Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
Car Components Inc.	4001	United States of America	Very Good Credit	0.0000	0.0000	0.0000	0.0000	0.0000	
•									•
									_

User Guide

NAZDAQ - Nazareth Data Quest

1.7 Add Fields from a second Table (Table Linker)

In the same query you can add fields from more than one table, and link these tables together using a common field that you can select whenever a field from another table is added.

After you added fields from the first table to your query, you can add fields from another table by these steps:

- 1) Find the second table that you wish to have fields from it
- 2) After you have the table selected, add fields to query and a window will be opened



3) Specify a field from both tables that is common for both of them to establish the link using it. You can browse tables already linked in this query, and browse field inside the selected table

tdsls041	- Sales Order Lines
tiitm001	- Items
tdsls040	- Sales Orders
tccom010	- Customers
Ok Car	ncel



4) After this you can add any field from this second table

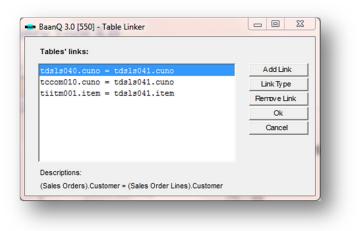
Note: You can repeat this by adding a third or more tables to query

User Guide

NAZDAQ - Nazareth Data Quest

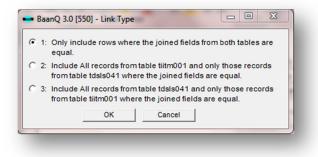
To view or maintain a link between two tables in the query:

On menu click: Query -> Table Linker



The possible actions for each link are the following:

- Add Link add another link to query (same as we did above)
- Link Type Change an already existing link with 3 link types available:



- Remove Link – we can remove already exists link from this query

Example:

We want to create a query that displays Sales Orders lines with customer name and Item description with price and quantity for each line

In order to display all this information we need to link 3 tables together:

- tdsls041 That contains Sales order Lines.
- tccom010 that we will link to in order to get customer name

User Guide

NAZDAQ – Nazareth Data Quest

- *tiitm001* – we link this table to get item description

Here is an example of the query in *bQuery-Tool* (To view field details on menu click: *View -> View Fields Details*):

ueries for user bsp:		Table td	sls041 Sales Order	Lines	
ustomers Orders		Search			_
ds1s041.cuno Customer ditm001.dsca Description dis1s040.creg Area cocm010.nama Name cocm010.cnpa Customer Status cocm010.refp Purchasing Reference cocm010.relp Terchasing Reference cocm010.telp Telephone	× >	orno pono cuno drct item cntr opol cpva sdsc pric stpr plev cups cvps citg	Sales Order Position Number Customer Direct Delivery Item Container Item Category Product Variant Standard Descriptio Price Structure Price Price Level Sales Frice Unit Conversion Factor 1 Item Group		4 III
uery code: BQ00000000084				Print Result	

Print Results for this query:

Democompany_ Customer Des 0011 Moc 0011 Moc 0011 Moc 0011 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc		002 002 001 001 001	Vame D.H.T. Inc. D.H.T. Inc. D.H.T. Inc. D.H.T. Inc. C.H. C.H.	Customer Status Normal Customer Normal Customer Normal Customer Normal Customer Normal Customer	Price 2500.0000 2500.0000 3000.0000 3000.0000	10.0000 10.0000
0011 Moc 0011 Moc 0011 Moc 0011 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc	odel Cheetah odel Cheetah odel Panther odel Panther odel Linx odel Linx odel Linx odel Cheetah	002 002 001 001 001	D.H.T. Inc. D.H.T. Inc. D.H.T. Inc. D.H.T. Inc. C.H.	Normal Customer Normal Customer Normal Customer Normal Customer	2500.0000 2500.0000 3000.0000 3000.0000	10.0000 10.0000 10.0000
0011 Moc 0011 Moc 0011 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc	odel Cheetah odel Panther odel Panther odel Linx odel Linx odel Cheetah odel Cheetah	002 001 001 001	D.H.T. Inc. D.H.T. Inc. D.H.T. Inc. C.H.	Normal Customer Normal Customer Normal Customer	2500.0000 3000.0000 3000.0000	10.0000 10.0000
0011 Moc 0011 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc	odel Panther odel Panther odel Linx odel Linx odel Cheetah odel Cheetah	002 001 001 001	D.H.T. Inc. D.H.T. Inc. C.H.	Normal Customer Normal Customer	3000.0000	10.0000
0011 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc 3002 Moc	odel Panther odel Linx odel Linx odel Cheetah odel Cheetah	001 001 001	D.H.T. Inc. C.H.	Normal Customer	3000.0000	
3002 Mod 3002 Mod 3002 Mod 3002 Mod 3002 Mod 3002 Mod 3002 Mod	odel Linx odel Linx odel Cheetah odel Cheetah	001 001 001	С.Н.			10 0000
3002 Moo 3002 Moo 3002 Moo 3002 Moo 3002 Moo 3002 Moo 3002 Moo	odel Linx odel Cheetah odel Cheetah	001		Normal Customer		
3002 Mod 3002 Mod	odel Cheetah odel Cheetah	001	C.H.		3500.0000	
3002 Moo 3002 Moo 3002 Moo 3002 Moo	odel Cheetah			Normal Customer	3500.0000	
3002 Mod 3002 Mod 3002 Mod			С.Н.	Normal Customer	5555.5556	
3002 Mod 3002 Mod			C.H.	Normal Customer	5555.5556	
3002 Mod		001	C.H.	Normal Customer	6111.1111	100.0000
	odel Jaguar	001	С.Н.	Normal Customer	6111.1111	100.0000
3002 Mod	odel Panther	001	C.H.	Normal Customer	6666.6667	100.0000
	odel Panther	001	С.Н.	Normal Customer	6666.6667	100.0000
	odel Tiger	001	С.Н.	Normal Customer	7222.2222	
	odel Tiger	001	С.Н.	Normal Customer	7222.2222	
	odel Linx	001	С.Н.	Normal Customer	7777.7778	
	odel Linx	001	С.Н.	Normal Customer	7777.7778	
	odel C		Computer United Ltd.	Normal Customer	3175.0000	
	ngine-1.6/16v		Engine & Engine	Normal Customer	2200.0000	
	ear 5 Gears ear 5 Gears		Car Components Inc.	Normal Customer	1300.0000	
	ear 5 Gears Par 5 Gears		Car Components Inc. Car Components Inc.	Normal Customer	1300.0000	
	ear 5 Gears ir Condition		Interior & Interior	Normal Customer	756.0000	
	ngene Block-2.0/16v		Car Components Inc.	Normal Customer	1150.0000	
	ngene Block-2.0/16v		Car Components Inc.	Normal Customer	1150.0000	
	ngene Block-2.0/16v		Car Components Inc.	Normal Customer	1150.0000	
	ody SX for City Car		Car Components Inc.	Normal Customer	650.0000	
	buy by for city cur		four components inc.	Inormal cascomer	1 000.0000	2.0000
4						•

User Guide

NAZDAQ - Nazareth Data Quest

1.8 Add Calc. fields

In *bQuery-Tool*, we can define formulas that calculate a result from table fields and other formulas.

To create a new formula and add it to a query:

1) On menu click: Field -> Add Calculated Field

- Layout	
Field Name	ff13
Description	Formula - 13
Data Type	Long V Format
Column width	0
Alignment	Right 💌
- Formula ——	
(• • • • • • • • • • • • • • • • • • • •
	-
(→ <u> </u>
- Options	
✓ Include fiel	d in form 🔽 Include field in result
	Add Cancel

Form fields:

- a. *Column name* name of formula field. Default is generated by BQT.
- b. *Column Description* Description of column, as it will be displayed in the report.
- c. *Column Type* Data Type of the formula field: Possible values are Date, Long, Double, String
- d. *Column Width* specify the column width as it will be displayed in the report.
- e. *Column alignment* formula alignment in report. Options are: *Default, Center, Right* and *Left*

User Guide

NAZDAQ – Nazareth Data Quest

f. **Column format** – formula format. You can chose from a list of formats that are supported in your Baan system. Sample expression of 1234.00 (or 1234,00) is displayed to ease the choice of the format.

001:	1234.00	~
002:	1234.00	
003:	1234.00	E
004:	1234.0000	
005:	1234.00	
006:	1234.00	
007:	1234.0000	
:800	1234.00	
009:	1234.000000	
010:	1234.00	
020:	1234.0000	
021:	1234.00	
095:	1,234.00	
096:	1,234.00	
400: 1	8	
710: ٩	8	
· · · ·		*
		Ok Cancel

2) Specify the formula

Formulas may include 2, 3 or 4 fields.

```
<Field1> <Operator> <Field2>
```

Or

(<Field1> <Operator> <Field2>)
<Operator>
(<Field3> <Operator><Field4>)

Operators supported are +, -, *, /

Example of a formula:

We want to display all the items we have in database, with their Material Cost and Standard Cost and also to create another formula to calculate the percentage of material in the Standard Cost.

The formula is (Material Cost / Standard cost) * 100

User Guide

NAZDAQ – Nazareth Data Quest

Table we will use is *ttitm001*. The Query is the following:

ueries for user bs	p:			Table ti	itm001 Htems	
tem with Text		•		Search	standard	
iitm001.item	Item	_		dscd	Standard	
iitm001.kitm	Item Type			copr		
iitm001.dsca	Description			potc	Standard Potency	
tiitm001.matc	Material Costs					
tiitm001.copr	Standard Cost Price					
tdsls041.orno	Sales Order		<			
formula.ff7	Material/Standard					
			>			
Query code: BQ00	000000100					Print Result
Down Up						Frint Result

Formula named: *Material / Standard*

Field Name	ff7
Description	Formula - 7
Data Type	Long Format
Column width	0
Alignment	Left
Formula —	
(tiitm001	matc > / V tiitm001.copr >)
	* 👻
(100	• • • • • • • • • • • • • • • • • • •
Options	
options —	
	d in form 🔽 Include field in result

User Guide

NAZDAQ – Nazareth Data Quest

Now output results will be like this:

File Options Hel ■				
Date : 05-01-12 Democompany_550		Query2		Page : 1 Company : 550
tem	Description	Standard Cost Price	Material Costs	Material/Standard
11690	test	20605.7500	20557.0000	99.76
12610	В	2551.4000	2492.9000	97.70
12615	Model B	2804.6500	2746.1500	97.91
	Model C	3011.5000	2953.0000	98.05
12625	Model D	3093.6000	3035.1000	98.10
13695	Generic computers	0.0000	0.0000	0.00
14650	Model Cheetah	2176.5000	2118.0000	97.31
14655	Model Jaguar	2257.5000	2199.0000	97.40
14660	Model Panther	2283.7500	2225.2500	97.43
14665	Model Tiger	2526.7500		97.68
14670	Model Linx	2675.0000	2616.5000	97.81
	Monitor 15" LCD	308.5000	297.2500	96.35
	Monitor 21" .32 DPI	385.0000	373.7500	97.07
25812	4mb 72pin simm mem 1x36-60ns	96.7500	96.7500	100.00
•				►
Page 1	TOP			

1.9 Add aggregation functions

In *bQuery-Tool*, we can define a group by field using functions such as: sum, avg, min, max and count.

To create a new formula and add it to a query:

1) On menu click: Data -> Aggregation Fields

Aggregation Fu	nction					
ield Name	aa01		_			
unction sum	▼ On field	tdsls041.	oqua 🕨	Forea	:h	
Layout	,					
Fext before field	Total Quar	ntity				
Fext after field						
Data Type	Long 💌	Format	002	•	1234.00	
Offset result	Left 💌	Distance	0			
Options			,			
Include field	in result					
					OK	Cancel

Form fields:

- a. *Field name* Name of function field. Default is generated by BQT.
- b. *Function* Choose functions such (sum, avg, min, max and count) to be calculated on the chosen field.

User Guide

NAZDAQ - Nazareth Data Quest

- c. **On Field** Choose the field which will be calculated by the function.
- d. *For each* You can choose the field on which you want to group by.
- e. **Text Before field** You can define the text description before the value of the function field in the report. Additional sort fields values can be add as variables : SORT1, SORT2, SORT3, SORT4
- f. **Text After field** You can define the text description after the value of the function field in the report. Sample expression of 1234.00 (or 1234,00) is displayed to ease the choice of the format.
- g. Data Type Data type can be determined. Options are: long, double and string.
- h. *Format* Function field result data format. You can chose from a list of formats that are supported in your Baan system. Sample expression of 1234.00 (or 1234,00) is displayed to ease the choice of the format.

001:	1234.00	A
002:	1234.00	
003:	1234.00	=
004:	1234.0000	
005:	1234.00	
006:	1234.00	
007:	1234.0000	
008:	1234.00	
009:	1234.000000	
010:	1234.00	
020:	1234.0000	
021:	1234.00	
095:	1,234.00	
096:	1,234.00	
400:	8	
710:	-	-
C07.	٩	

- i. *Offset result* define the position of the result field by setting the offset (Left or Right) and the
- j. Distance distance of the offset in characters.

User Guide

NAZDAQ - Nazareth Data Quest

2 Add conditional field

In *bQuery-Tool*, we can define a conditional field and Columns can get a certain value based on results of the logical condition.

To create a new formula and add it to a query:

1) On menu click: Field -> Conditional Field

- Layout ——	
Field Name	cc8
Description	Conditional Field - 8
- IF function —	
Logical Condi	tion tiitm001.dsca 🕨 = 💌 Mac - Holand 🕨
Value if true	Mac - Holand
Value if false	•
- Settings	
Data Type	String
Column width	0
- Options	
	in farm . 🔽 Include field in secult
✓ Include field	d in form 🔽 Include field in result

Form fields:

- a. Field name Name of the conditional field. Default is generated by BQT.
- b. *Description* Description of the conditional field.
- c. **Logical Condition** You can choose the field where you want to have the condition applied on it using the operators: =, <>, > , < , >=, <=
- d. *Value if true* You can define the value in the result in case the condition result is true.
- e. *Value if false* You can define the value in the result in case the condition result is false.
- f. Data Type Data type can be determined. Options are: long, double and string.
- g. Column Width Define the width for the conditional field to override the default.

User Guide

NAZDAQ – Nazareth Data Quest

3 Customizing the Query form

When Printing Query results, we acquire this window where we can specify the ranges of each field:

	From		То	
tem	· · · ·	-	222222222222222	Continue
tem Type	Purchased	-	Subcontracting	Cancel
Description		-	222222222222222222222222222222222222222	Save Defaults
Material Costs	-999999999999999999999999999	-	99999999999999999999999999	Clear Defaults
Sales Order	0	-	999999	

3.1 Hiding Fields from Query

All query fields are automatically populated to the form. We may decide to hide some fields or show them. This is done by field settings -> uncheck "*Include field in form*"

Includ	e field in form	🔽 Inclu
Zoomto		•

If all the fields in the query have this option unchecked, we will not have a form at all.

If we have a form with few fields, but wish to hide it for a special reason (run in job for example), we can hide it by going to the menu: **Options -> Device** and check "Hide Print Form". Once we uncheck this option, the form will return as it was before.

3.2 Save Defaults in the Form

If you made some changes to a form and want them to be saved for further use, click on "Save Defaults" button. Every time we print this query, the form will receive the same values we have saved. We may decide to "hide" the fields we have added values to. This is a way to give hard coded constrains on the query.

User Guide

NAZDAQ – Nazareth Data Quest

3.3 Zoom into a Session

For fields that are related to tables, we can specify a zoom session, in order to better browse the table for a list of values available for this field

For example:

If the Item is one of our form fields, we can specify to zoom to session *tiitm0502s000*. Inserting a Zoom session is done manually or by zooming to the session Display Sessions. It is recommended you find the zooming session in a standard Baan session and copy the code number.

tdsls041.item - Item	
Domain: tcitem - Type: String	
- Layout	
Column description Item	
Column width 0	
Column alignment Default	
Column format	
- Options	
✓ Include field in form ✓ Include field in result	
Zoom to tiitm0502s000 Display Item List	
OK Cancel	1

When printing this query, we get a zoom icon next to Item field

	From		То	
tem		-	22222222222222	Continue
tem Type	Purchased	-	Subcontracting	Cancel
Description		-	222222222222222222222222222222222222222	Save Defaults
Material Costs	-99999999999999999999999999999999999999	-	99999999999999999999999999	Clear Defaults
Sales Order	0	-	999999	

User Guide

NAZDAQ – Nazareth Data Quest

Using this we are able to browse for giving a better range constrain on our query

🚥 tiitm0502s000 : Display Item List [200]	
File Edit Group Workflow Options Order Tools Special Help	
Form 1 Form 2 Form 3	
ttem Material Size Standard	
	ОК
	Cancel
B2B-SRV-PRD-P Baan2Baan B2B-SRV-PRD-S Baan2Baan Production - Ser	▲
B2B-SRV-TST-P Baan2Baan (Test)	
B2B-SRV-TST-S Baan2Baan Test - Service	
B2E-MRG-PRD-P Baan Mail-Merge	_
B2E-MRG-PRD-S Baan Mail-Merge (Service)	
B2E-MRG-PRD-W Baan Mail-Merge WebTop Edi	
B2E-MRG-TST-P Baan Mail-Merge (Test)	•
'Select' and 'zoom' for item details	zoom

User Guide

NAZDAQ – Nazareth Data Quest

4 Filtering output

You can the output results using operators such as: Equal, Not Equal, Greater, Greater/Equal, Less, Less/Equal, Like and Not Like.

To do this on menu click: Data -> filter, a window like this appears

BQT 3.0 [90] Filter		-		-	l	
1. tcibd001.citg	-	Equal	•	004	•	Ok
2.	-		•		•	Cancel
3.	-		•			
4.	-		•		•	
5.	-		•		•	
6.	-		•		•	
7.	-		•		•	
8.	-		•		•	
9.	-		•			
10.	-		•			
,				,		

This option is available to the programmer of the report and can't be changed during run-time. When several filter conditions are defined they will all be applied together (and).

5 Sorting output

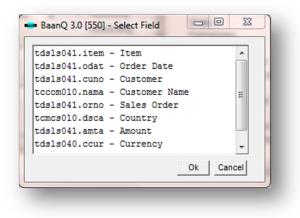
You can sort the output results by specific fields. To do this on menu click: *Data -> Sort*, a window like this appears

Sort by:	
tcibd001.item	Ascending
	O Descending
tcibd001.wght	Ascending
	O Descending
•	Ascending
	O Descending
•	Ascending
	O Descending
Ok	Cancel

User Guide

NAZDAQ – Nazareth Data Quest

You can zoom for what field you want to sort by:



Ascending and descending sorting are available.

Note: You can't sort according to a formula field

User Guide

NAZDAQ - Nazareth Data Quest

6 Customizing Query Layout

The appearance of every field in the query report can be customized for better presentation.

In order to customize a certain field appearance, double click on the field on the left pane, and a window similar to this will appear

tdsls040.ccu	r - Currenc	;y			
Domain: tcco	ur - Type:	String			
- Layout —					-
Column des	cription C	urrency		_	
Column widt	h o				
Column alig	nment)efault	•		
Column form	nat 🗌	•			
Options —					_
🔽 Include fi	eld in form	🔽 Include	field in resu	It	
Zoom to		•			
		ОК	Cano	- I	

The following options are available.

- Rename Column Description to a new description
- Specify a specific size for column width to appear in output (to override default that may be too big)
- Change column alignment in output results (including column data and column title). The following options are available:

Default – Field default from Baan/ERP Ln Center, Right, Left

- Specify the format of the field as it will be displayed in the result. The formats available are the ones defined in the system.

Include field in results

If this option is checked the field will appear in output result (Default is Yes for all fields). In order to hide a field from the output, uncheck it.

User Guide

NAZDAQ – Nazareth Data Quest

7 Output Options

For automating the process of generating queries, you can save your default print device and the output file for each query (the parameter that is passed to the device). This is particularly useful in jobs.

- 1) In *bQuery-Tool* click on menu: *Output -> Device*
- 2) You will acquire this window

Device Name:	B2WIN72		-
Output File:	-type Excel		
Device Type:	Standard	C Wide	
	Ok	Cancel	

When printing, the query will automatically be sent to the device (B2Win in Excel format in this case) and the user won't be prompted to enter the device name. If the Print form is also hidden (Hide Print Form), pressing on the query will result in producing an Excel Sheet with no questions being asked on ranges and print devices.

7.1 Wide Reports

Standard Baan devices have a limitation of 300 characters in width. To bypass this limitation, and in order to make queries with unlimited number of characters in the width, "Wide" queries can be defined.

Wide reports need to go to a Baan device that supports more than 300 characters. Printing Wide reports to standard devices (Like "D" or Printers) will not produce the desired results.

The following are a sample of two Print devices that support wide reports:

ASCIF - Writing to an ASCII file on the Baan server (Standard device)

User Guide

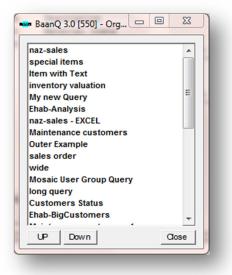
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B2Win – With **B2Win** (Add-on from NAZDAQ), you can print your wide query output into Excel – Use **B2Win 6.6** or higher

8 Organizing Queries

Queries are organized in the order they have been created. In order to change the order of your queries, you may wish to use the Query Organizer. This is useful in Run-Only Query Mode (covered in the next chapter)

To organize your queries, on menu click: Query -> Organize



From this window you can change the order of your queries by selecting a query and clicking on *Up* or *Down*.

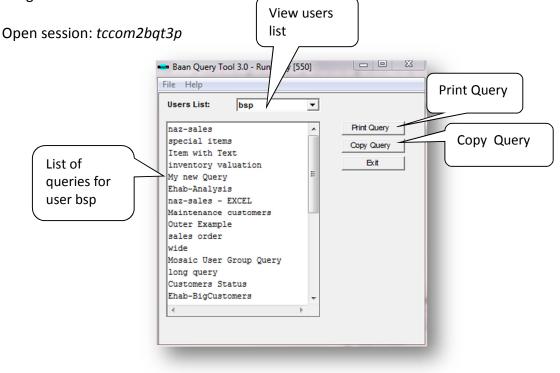
User Guide

NAZDAQ - Nazareth Data Quest

9 Run-only Query

Administrators and Key Users can create queries. Regular users should not be able to change queries, but only run them and use the results. For regular users, a run-only query session is available - *tccom2bqt3p*

Usage:



9.1 Copy Query

In the run-only session you can copy queries made by other users. You have no permission to change them, but can copy them to your local environment.

User Guide

NAZDAQ – Nazareth Data Quest

10 Automating Queries

10.1 Run Query inside Baan Run Program

After you have created a query you can run it automatically without opening the *bQuery-Tool* interface. You can do that by giving the query number as an argument to *bQuery-Tool* – Run only session as in the following:

rogram/Session	tccom2bqt3p	
Program Argument	BQ0000000037	ОК
		Cancel
tun External Program	Γ	Help

You can acquire the Query number from *bQuery-Tool* session:

ueries	for user bsp:		Table to	is1s041 • Sales Order I	lines
az-sale	S	•	Search		
tem	Item		orno	Sales Order	*
dat	Order Date		pono	Position Number	
uno	Customer		cuno	Customer	=
ama	Customer Name		drct	Direct Delivery	
rno	Sales Order		item	Item	
sca	Country	<	cntr	Container	
mta	Amount		opol	Item Category	
cur	Currency		cpva	Product Variant	
ats	Rate	>	sdsc	Standard Description	on
amt	Amount in USD		pric	Price	
:c11	big or small		stpr	Structure Price	
:c12	Conditional Field - 12		plev	Price Level	
			cups	Sales Price Unit	
			cvps	Conversion Factor H	Price to Inve
			citg	Item Group	-
			•	III	Þ
uery co	de: BQ00000000037				Print Result

If you wish to automate a query that is written by a different user, the query owner user name should be passed in parameter as in the following example:

User Guide

NAZDAQ – Nazareth Data Quest

Program/Session	tccom2bqt3p	
Program Argument	BQ0000000037,bsp	ОК
		Cancel
Run External Program	Г	Help

Queries can be added to the Baan menu as in the following (Need Baan Tools knowledge)

ttadv3161s000 : Main						
File Edit Group Wo	orkflow Options Or	der Tools Special Help				
🖸 🖬 🍯 🗠 👫	1 🗈 品 🛤 🕅		▶ ▶ T \?			
Menu Field Type	Session	•				
Ses/Men/Pr/Quer	tccom2bqt3	•				
Link Descr.	$\overline{\mathbf{v}}$					
Label	Baan Query To	ol v3.0				
Process Info	BQ0000000003	BQ0000000037,bsp				
Selection Code	1	Bold				
Form Position	0	Reverse				
Color	White	Blinking	Г			
Active	$\overline{\mathbf{v}}$	Underlined	Γ			
				alabaaum		
				alphanum		

10.2 Run Query From Command-Line

Queries can be run from a command line. Here is an example:

call "C:\Program Files\Infor\BW\Baan IV\bin\bw.exe" "Samra.bwc" tccom2bqt3p BQ0000000037,bsp

User Guide

NAZDAQ - Nazareth Data Quest

10.3 Run Query From BECS

You can create shortcut to your query inside BECS To do this:

- 1) Open BECS
- 2) Click on Menu: *File -> New* to create a new configuration
- 3) Insert Hostname, user, ... (According to your system)
- In command field insert: tccom2bqt3p <Query code>,<user> (Where Querycode is the query you want to run from this shortcut, and user is the user id that created the query)

Remote Login		New
Hostname:	10.4.0.10	Qpen
Connect As:	Current User	Save
	aziz	Sa <u>v</u> e as
Password:		About
	Save Pass <u>w</u> ord	
Method:	Rexec	
Portnumber:	512 ÷	<u>R</u> UN!
Bshell environment		Qose
BSE:	/baan4c/bse	
Bshell name:	bshell	
Command:	:om2bqt27p BQ0000000037,bsp	

5) Click on save as and you will have a new shortcut inside *BECS*, named *queryTest* as we specified for example

amra.bwc Baan IV C:\Program Files\Infor\BW\Baan IV B40c.94 10.4.0.10 /baan4c/bse	Domain	Username baan aziz	
gueryTest.bwc Baan IV C\Program Files\Infor\BW\Baan IV B40c.94 10.4.0.10 /baan4c/bse amra.bwc Baan IV C\Program Files\Infor\BW\Baan IV B40c.94 10.4.0.10 /baan4c/bse		aziz	
samra.bwc Baan IV C:\Program Files\Infor\BW\Baan IV B40c.94 10.4.0.10 /baan4c/bse			
Rain.bwc ERPLN C:\Program Files\Infor\BW\ERPLN 8.4a.02.9 10.4.0.23 f:\In6.1		aziz	
		baan	

6) Launch *queryTest* will print the query in the device you chosen

User Guide

NAZDAQ – Nazareth Data Quest

Warning

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