

Create a button that launches a Formatted Search

Summary	
Module	Function Buttons
Level	Medium
Requirements	B1UP 2.0.0.0 or higher

Scenario

The customer wish to be able to quickly see the last 10 items a customer have purchased and ask for a custom report for this.

Business Partner Master Data

Code BP Currency Last 10 Items

Name

Foreign Name

Group

Currency

Federal Tax ID

Orders 0.00

Opportunities

General Payment Terms Payment System Accounting Remarks

Tel 1

Tel 2

Mobile Phone

Fax

E-Mail

Web Site

Shipping Type

Password

Factoring Indicator

Project

Industry

Business Partner Type Company

Alias Name

Active ☐

Inactive ☐

Advanced ☐

Contact Person

ID No. 2

Remarks

User-Defined Commission 0.000

BP Channel Code

Territory

Language

El. Doc. Export Format

Find Cancel Related Service Calls Activity Related Activities

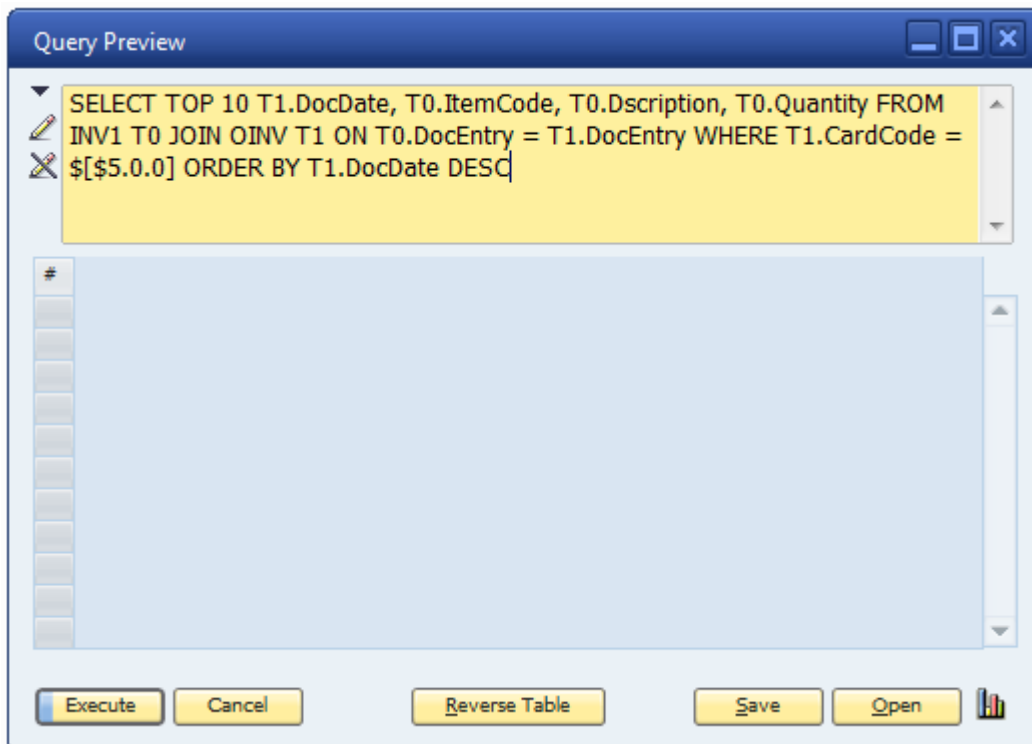
Needed configuration

You will need two things to do this:

1. The user query that provide the data to show
2. A function button configuration that set a button and link it to the user query via a formatted search

Step 1. User query

Via normal SAP Tool (Reports > Query Generator) we create the following user query (with dynamic code `$$$5.0.0]` to get the BP-Code):



Save it as 'Last 10 items'

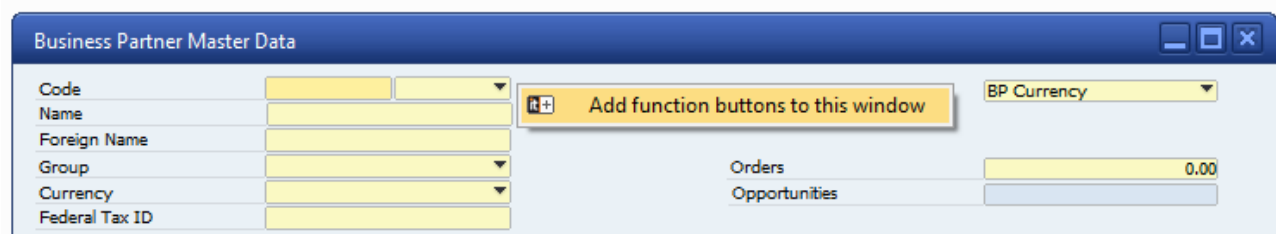
SQL (Copy past for easy setup of sample):

```
SELECT TOP 10 T1.DocDate, T0.ItemCode, T0.Dscription, T0.Quantity  
FROM INV1 T0 JOIN OINV T1 ON T0.DocEntry = T1.DocEntry  
WHERE T1.CardCode = $[$5.0.0] ORDER BY T1.DocDate DESC
```

TIP: FOR MORE ON THE DYNAMIC SYNTAX \$[\$5.0.0] PLEASE SEE THE "UNDERSTANDING DYNAMIC SYNTAX GUIDE" OR SAP TRAINING MATERIAL TB1200

Step 2. Function Button Configuration

The function button we are planning for this should be located on the business Partner Master, so the first thing we need to do is go to that window, right-click and choose "Add function buttons on this window"



Buttons - Configuration

Code: FB-008 Users (Empty = All) ...

Formtype: 134 ☒ Include users ☐ Exclude users

Description: Business Partner Master Data

Formwidth: 625 (Use only on sizeable forms)

Formheight: 540 (Use only on sizeable forms)

Buttonwidth: (If nothing entered: 100 pixel)

Buttons (Buttons without name is not shown)

	Item	Col.	Iden.	Arguments	Universal Function
1: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
2: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
3: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
4: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
5: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
6: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
7: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
8: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
9: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
10: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>

☒ Active

Now we need to define the buttons we would like on the business partner window. This is done by simply adding the wanted name of the button and set its data.

Buttons - Configuration

Code: FB-008 Users (Empty = All) ...

Formtype: 134 ☒ Include users ☐ Exclude users

Description: Business Partner Master Data

Formwidth: 625 (Use only on sizeable forms)

Formheight: 540 (Use only on sizeable forms)

Buttonwidth: (If nothing entered: 100 pixel)

Buttons (Buttons without name is not shown)

	Item	Col.	Iden.	Arguments	Universal Function
1: <input type="text" value="Last 10 Items"/>	<input type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	Formatted Search	<input type="text"/>
2: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	000 - Formatted Search	<input type="text"/>
3: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	025 - User defined menu	<input type="text"/>
4: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	038 - User Query	<input type="text"/>
5: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	033 - Sales Opportunity	<input type="text"/>
6: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	001 - Quotation	<input type="text"/>
7: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	002 - Order	<input type="text"/>
8: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	003 - Delivery/Goods Receipt PO	<input type="text"/>
9: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	012 - Return	<input type="text"/>
10: <input type="text"/>	<input checked="" type="checkbox"/> Find	<input checked="" type="checkbox"/> Add	<input checked="" type="checkbox"/> OK	004 - Invoice	<input type="text"/>

☒ Active

- 000 - Formatted Search
- 025 - User defined menu
- 038 - User Query
- 033 - Sales Opportunity
- 001 - Quotation
- 002 - Order
- 003 - Delivery/Goods Receipt PO
- 012 - Return
- 004 - Invoice
- 005 - Credit note
- 006 - Incoming Payments
- 007 - Outgoing Payments
- 039 - Service Call
- 009 - Posting Periods
- 011 - Reconciliation
- 018 - Goods Receipt
- 019 - Goods Issue
- 024 - Last Prices Report
- 026 - Special Prices
- 027 - Discount Groups
- 028 - Aging
- 034 - Data launcher
- 035 - External Launcher
- 036 - Universal Function
- 037 - Do Nothing (B1 Validation S

In this sample we call the button Last 10 items and choose that we would like a formatted search to happen when we press it (see other samples for other button types).

As a special thing here we uncheck the find and add checkboxes to indicate that we only want the user to be able to press the button when the Business Partner window is in OK mode (When a Business Partner is selected).

For this sample we do not need more configuration so simply press add to save the configuration.

Please notice that we still need to tell what specific formatted search should be run when we press the button – This is done when we press the button for the first time.

Use of functionality

Now when we open a Business Partner window we already see the button (please notice that it is inactive since we told it to only work in OK mode)

Business Partner Master Data

Code BP Currency Last 10 Items

Name

Foreign Name

Group Orders 0.00

Currency Opportunities

Federal Tax ID

General Payment Terms Payment System Accounting Remarks

Tel 1 Contact Person

Tel 2 ID No. 2

Mobile Phone

Fax

E-Mail

Web Site

Shipping Type Remarks

Password

Factoring Indicator User-Defined Commission 0.000

Project BP Channel Code

Industry

Business Partner Type Company Territory

Language

El. Doc. Export Format

Alias Name

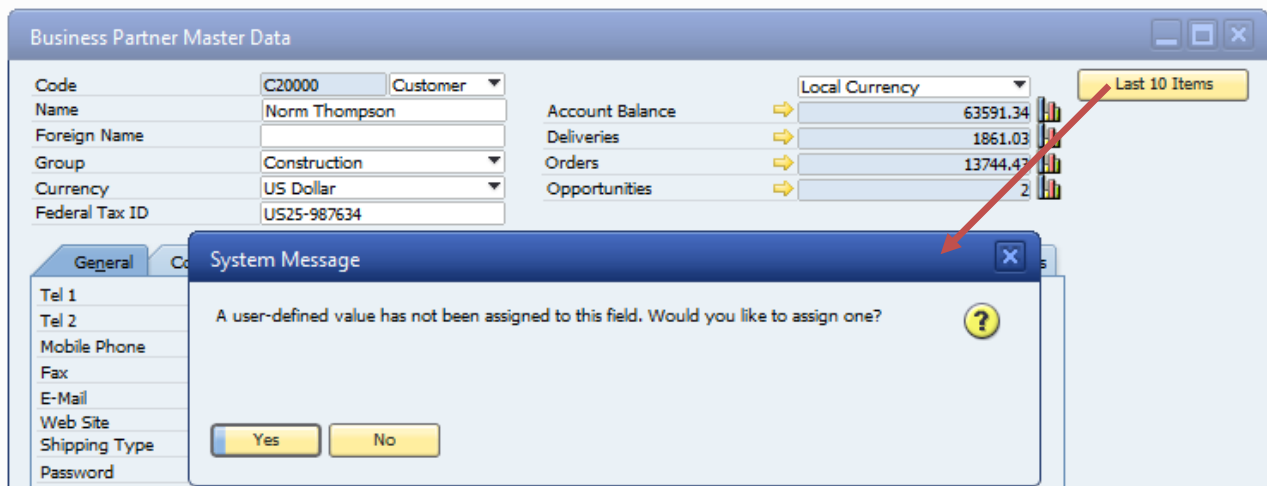
☐ Active

☐ Inactive

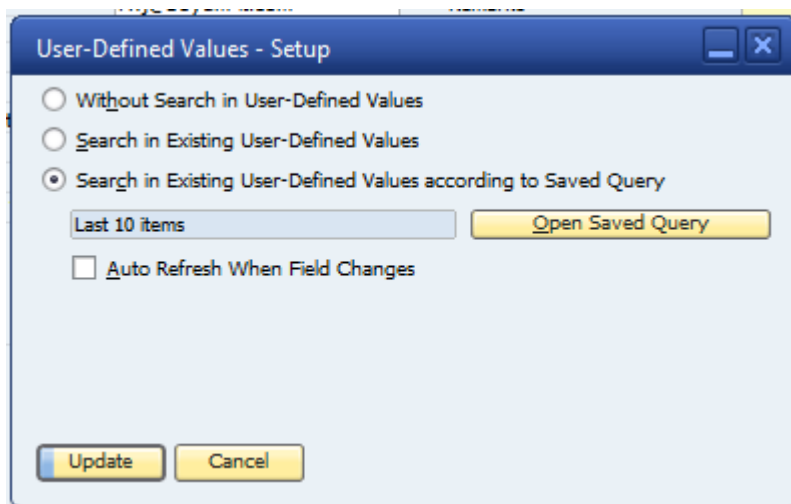
☐ Advanced

Find Cancel Related Service Calls Activity Related Activities

If we navigate to a customer and press our button, we will the first time we do it be asked to provide what formatted search we would like to run.



If you press Yes, you are able to choose our user-query



After confirming the formatted search we can now click the button and get our custom report

Business Partner Master Data

Code: C20000 Customer
Name: Norm Thompson
Foreign Name:
Group: Construction
Currency: US Dollar
Federal Tax ID: US25-987634

Account Balance: 63591.34
Deliveries: 1801.03
Orders: 13744.43
Opportunities: 2

Local Currency

Last 10 Items

General Contact Persons

Tel 1
Tel 2
Mobile Phone: +458
Fax
E-Mail: rvj@
Web Site
Shipping Type: UPS
Password
Factoring Indicator
Project: Gove
Industry
Business Partner Type: Comp

Alias Name

Last 10 items

Find

Postin...	Item No.	Item/Service Description	Quantity
05/01/10	A00001	IBM Inforprint 1312	1.000
05/01/10	A00001	IBM Inforprint 1312	1.000
01/22/10	A00002	IBM Inforprint 1222	1.000
01/22/10	A20000	Printer Pack 100 for home	1.000
12/02/09	10-0190-BG	T-shirt	1.000
12/02/09	A00001	IBM Inforprint 1318	2.000
12/02/09	A00002	IBM Inforprint 1222	1.000
12/02/09	A00003	IBM Inforprint 1226	1.000
12/02/09	A00005	HP Color Laser Jet 4	1.000
12/02/09	A00007	HP 10 Premium Glo	1.000

Choose Cancel