Search Google about a specific item

Summary	
Module	Function Buttons
Level	Medium/Advanced
Requirements	B1UP 2.7.3.0 or higher

Scenario

The customer wish to be able to search Google for the current item shown on item master data window.

tem Master Data					Google
tem Number		Bar Code	Inventory Item	Search Google	
Description			Sales Item		Search
Desc. in Foreign Lang.			Purchased Item		
tem Type			Fixed Assets		
tem Group		*			
rice List	A kunde pris liste	Unit Price			
Gener <u>a</u> l P <u>u</u>	urchasing Data Sales Data	Inventory Data Planning Data Production Data	P <u>r</u> operties Remar <u>k</u> s]	
✓ Tax Liable		Phantom Item Issue Method	Backflush 💌		
Manufacturer		*			
Additional Identifier					
Shipping Type		*			
Serial and Batch Num	ibers				
Manage Item by	None	*			
 Active Inactive Advanced 					
Find Car	ncel				

Needed configuration

You will need two things to do this:

- 1. To know how Google does its search and its URL.
- 2. A function button configuration that launch Internet Explore and navigate to the URL.

Step 1. Google URL

If you search Google with a keyword and look at the URL you will see the following.

A keyword - Google Search - Windows Internet Explorer						
C http://www.google.com/search?hl=en&q=keyword	🕈 🗙 Live Search					
🔆 🍄 🖸 keyword - Google Search						
Web <u>Images Video News Maps Gmail more</u> ▼	Sign in					
Google keyword Search Preferences						
Web Groups Results 1 - 10 of about 367,000,	000 for keyword [definition]. (0.10 seconds)					
<u>Google AdWords: Keyword Tool</u> Use the Keyword Tool to get new keyword ideas. Pick one of the tabs below and enter keywords or URLs that are relevant to your business. Keyword Tool Tips https://adwords.google.com/select/KeywordToolExternal - 65k - <u>Cached</u> - <u>Similar pages</u>	Sponsored Links <u>Lær Søgemaskineoptimering</u> Søgemaskineoptimering med 58 parameters Trin-For-Trin Guide. www.SoegeoptimeringsRapporten.dk					

We can see that if we were to enter the URL: <u>http://www.google.com/search?hl=en&q=keyword</u> we would do a direct search on Google for the word "keyword". We now have an URL where we can replace the "keyword" with the name of the item in the Item Master Data.

Step 2. Function Button Configuration

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

Item Master Data		
Item Number Description		Add function buttons to this window Sales Item
Desc. in Foreign Lang.		New Activity Purchased Item
Item Type		Fixed Assets
Item Group		•
Price List	A kunde pris liste	Unit Price
Gener <u>a</u> l P <u>u</u> rch	nasing Data Sales Data	Inventory Data Planning Data Properties Remarks
		Production Data

Buttons - Config	guration							
Code	FB-013	Users (Empty	(= All)					
Formtype	150						 Include users 	Exclude users
Description	Item Master Data							
Formwidth	620	(Use only on	sizeable forms)					
Formheight	535	(Use only on	sizeable forms)					
Buttonwidth		(If nothing e	ntered: 100 pixel)					
Buttons (Buttons v	vithout name is not shown)							
			Free Had Street	Item	Col.	Iden.	Arguments	Universal Function
1:	✓ Find	Add V OK	Formatted Search				L	
2:	✓ Find	🖌 Add 🛛 🗸 OK	Formatted Search	•				
3:	✓ Find	Add 🗸 OK	Formatted Search	•				
4:	✓ Find	Add 🗸 OK	Formatted Search	-				=
E.			Formatted Search	– –				
5.	• • • •		romated bearen			_		
6:	✓ Find	Add 🗸 OK	Formatted Search	•				=
7:	✓ Find	Add 🗸 OK	Formatted Search	•				
8:	✓ Find	Add 🗸 OK	Formatted Search	•				
9:	✓ Find	🗸 Add 🗹 OK	Formatted Search	•				
10:	✓ Find	Add V OK	Formatted Search	•				=
								,
Active	Cancel							Import Export

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

In this sample we call the button Search Google and set External launcher as the type to happen when we press it (see other samples for other button types).

To make the search happen we need to enter some code in the arguments field. We enter the following:

iexplore.exe|http://www.google.com/search?hl=en&q=\$[\$7.0.0]

If we break this into parts we have 3 information that we provide.

Part 1: The program to run	In this case we need to run Internet Explorer
Part 2: The separator	The separator is a char to tell where the name of the program ends and
	where the arguments begin
Part 3: The argumentes passed along	Here we use our URL and replace the keyword with Dynamic Syntax.
	The dynamic syntax is \$[\$item.column.type] and in this case the item name is 7, and therefore \$[\$7.0.0]
	NB: FOR MORE ON THE SYNTAX PLEASE SEE THE DYNAMIC SYNTAX GUIDE PROVIDED WITH
	THE SAMPLES

Code	FB-013		Use	ers (Empty	= All)						
Formtype	150									 Include users 	Exclude users
Description	Item Master D	Data									
Formwidth	620		(Us	e only on	sizeable forms)						
Formheight	535		(Us	se only on :	sizeable forms)						
Buttonwidth			(11	nothing en	tered: 100 pixel)						
Buttons (Button	s without name is r	not shown)						C-I	7.4	A	Universal Evention
L Search o	oogle	Find	Add		External Launcher		lem		Iden.	vm/search2hl=en&q=\$[\$7.0.0]	=
Dearcing	oogie			U OK	External cautioner		_	_	\square	wysearchthin energi-ş[ş/horo]	
2:		✓ Find	🖌 Add	🗸 ОК	Formatted Search	•			\square		=
3:		✓ Find	Add	🗸 ок	Formatted Search	•					=
k 🗌		✓ Find	Add	🗸 ок	Formatted Search	•					=
5:		✓ Find	🖌 Add	🗸 ок	Formatted Search	•					=
6:		✓ Find	🖌 Add	🖌 ОК	Formatted Search	•					=
7:		✓ Find	Add	🗸 ок	Formatted Search	•					=
B:		✓ Find	🖌 Add	🗸 ок	Formatted Search	•					=
9:		✓ Find	Add	🗸 ок	Formatted Search	•					=
10:		✓ Find	🖌 Add	🗹 ОК	Formatted Search	•					=
✓ Active											
Add	Cancel									Im	port Export
								1			

NB: THE SCREENSHOT CAN NOT SHOW THE WHOLE TEXT OF THE ARGUMENTS SO PLEASE COPY IT FROM HERE:

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

Use of functionality

Now when we open an Item Master Data Window we already see the button.

Item Master Data				
Item Number	В	ar Code	Inventory Item Sales Item	Search google
Desc. in Enreign Lan			Purchased Item	
Item Type			Fixed Assets	
Item Group			1 5200 7 10000	
Price List	A kunde pris liste	Init Price		
Gener <u>a</u> l	Purchasing Data Sales Data Invent	ory Data Planning Data	P <u>r</u> operties Remar <u>k</u> s	
✓ Tax Lia <u>b</u> le	P L Ir	roduction Data Phantom Item ssue Method	Backflush 💌	
Manufacturer	•			
Additional Identifie				
Shipping Type	▼			
Serial and Batch Nu	mbers			
Manage Item by	None			
 Active Inactive Advanced 				
Find	incel			┘

And I we press it will open internet explorer, go to Google.com and do the search for the name of the current item.

Item Master Data							
Item Number Description Desc. in Foreign Lang. Item Type Item Group	99999 B1 Usability Package Items Titems	Bar Code	✓ Inventory Item ✓ Sales Item ✓ Purchased Item Fixed Assets	Search google			
Price List A kunde pris liste Unit Price							
B1 usability packages Vide	e - Google Search	<u>Gmail</u> more ▼					
Goog	B1 Usability P About 281,000 result	ackage ts (0.18 seconds)					
Serverything Images Videos	Add-ons for SA With the B1 Usab in turn cut this po www.boyum-it.com	AP Business One bility Package you intion of your working m/ - Cached - Simila	e from Boyum IT Q can customize SAP Business g day to a fraction of the ar	One to suit your needs, and			

Appendix: Common used programs and arguments that they can receive:

Configuration	Arguments
Start a Microsoft	- Program: winword.exe
Word Document	- Parameters: <data> (e.g. <data> = "\\server\docs\test.doc")</data></data>
Start a Microsoft	- Program: excel.exe
Excel document	- Parameters: <data> (e.g. <data> = "\\server\docs\test.xsl")</data></data>
Start Remote	- Program: mstsc.exe
Desktop	- Parameters: /v <data> (e.g. <data> = 192.168.1.1)</data></data>
Start a PDF-	- Program: AcroRd32.exe
document	- Parameters: <data> (e.g. <data> = "\\server\docs\test.pdf")</data></data>
Start Internet	- Program: iexplore.exe
explorer on a	- Parameters: <data> (e.g. <data> = http://www.boyum-it.com)</data></data>
specific website	