

Session

Leverage Winshuttle Query in Internal Audit, Finance and Controlling

Erin Stone | Bbraun Medical, Inc.



Agenda

Introductions

Winshuttle Solution

B. Braun Simplifying Data feed into the Audit Tool ACL

- ACL: formerly known as Audit Command Language

Demonstration

Summary

Q&A



Introduction

Erin Stone is part of the BBraun IT organization as SAP Senior FI/CO Technical Analyst

- Certified CRISC

IT Support for the Finance, Audit and Law Compliance business areas since 2006.

Prior to B. Braun, Stone worked for Bayer Corporation as an SAP Product Cost Analyst, implementing portions of the product cost module of SAP in 2001 – 2005. Stone refined her capabilities at Duquesne University.



Bbraun Medical, Inc.



In the United States, B. Braun Medical Inc. is a leader in infusion therapy, pharmacy and anesthesia, and a pioneer in passive safety and DEHP/PVC-free medical technology. Through its Sharing Expertise® initiative, B. Braun collaborates with customers, partners and employees to perfect the delivery of optimal patient care.

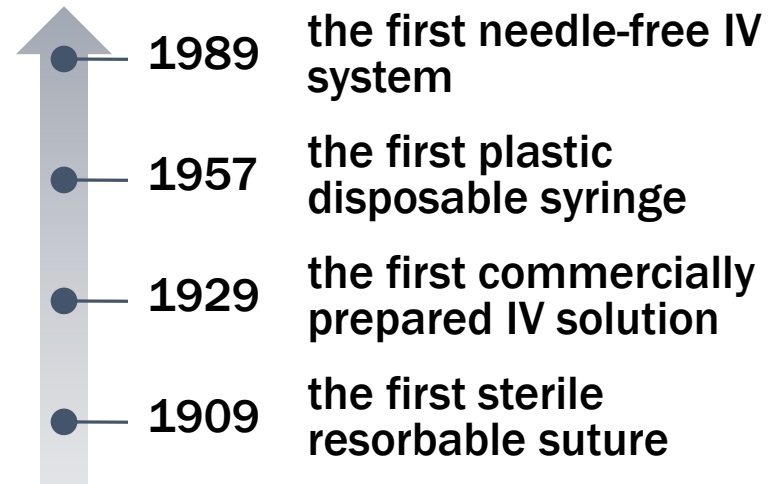


B. Braun History



- Over 166 years
 - Grown into an incredible history of medical product breakthroughs

Spotlights



Challenges

ACL Services Ltd. is a company providing audit analytics and continuous monitoring software.^[1]

Pain – With the large amount of data relating to just audit testing for duplicate payments (eighty six thousand plus lines for one company code) – it was difficult to get data from SAP in a structured format to pull into the ACL tool.

Our Goal then - So we set out to see if there were methods and tools that would allow us to overcome this challenge associated with SAP data extraction



Business Case

Based on the business case that many hours of manual effort were required to gather this data

- We did not have a tool that allowed the business users the ability to obtain the data required in order to perform the internal audit analysis.

The needed Executive Sponsorship based on trust relationship

Solution

BBraun Medical, Inc. implemented Winshuttle Query for a reporting project

Then identified it as a perfect tool to use to obtain data for the Internal Audit

Why?

- Control: field selection, security
- Scheduling: Batch capabilities, file handoff
- Flexibility: Excel, Text, picking fields, labels
- Throttling: Doesn't impact SAP performance
- Real live data reporting
- Outer and left joins capability
- Use of Tables, infosets, logical databases
- No programming required!

How Winshuttle Query was Introduced

An informational demo was given to the stakeholders who could utilize this type of flexibility in a tool.

Winshuttle provided training and forums to support their customers.

The product is intuitive enough to work with “on the fly”

Ongoing user adoption



Results and Savings

We use Winshuttle Query for the Internal audit department support.

Also used to feed data out of SAP to a server that picks up those files and pulls them into SQL database to use for reporting.

This process has saved over months of hours per annum of time for our end users, and for IT support.



Using Query for data feed to ACL (Audit Data Analytics)

How to build the Query template

- The pull and push of data using Query
- Getting SAP data into an SQL a database
- Getting data into a place to run ACL scripts on
- Prior to Winshuttle Query, no tool to get this data
- Feed/refresh Reporting Excel files consistently

Datafeed

How it is used to feed ACL at BBraun Medical, Inc

- The Query is created based on the data that is to be reviewed
- The Query is scheduled as a night job
 - (using the Query Scheduler)
- The Query result file is placed on a shared drive
- The data on the shared drive is then picked up by ACL

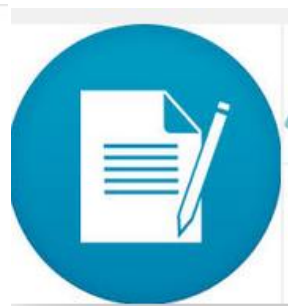
How the Query is determined

- Review what fields you currently see in (for example) FB03
- Find the table that holds the data you will be assessing

Planning

Decide what tables and fields you will need in order to create your data files

What format do you want the data to be produced in
Excel, Access, Text, SQL, SharePoint



Building Query

QUERY Script: QUERY script -

File Name: BSAK_ACL_2011_dupinvpd-EXCEL... Data Source: Table

SAP Tables

- Winshuttle Data Dictionary (USA_100)
 - Basis Components (BC)
 - Cross-Application Components (CA)
 - Controlling (CO)
 - Enterprise Controlling (EC)
 - EH Occupational Health (EH)
 - Financial Accounting (FI)
 - Investment Management (IM)
 - Logistics Execution (LE)
 - Logistics - General (LO)
 - Materials Management (MM)
 - Personnel Management (PA)
 - Training and Event Management (PE)
 - Plant Maintenance (PM)
 - Production Planning and Control (PP)
 - Project System (PS)
 - Personnel Time Management (PT)
 - Payroll (PY)
 - Quality Management (QM)
 - Sales and Distribution (SD)
 - Treasury (TR)
 - Asset management (AM)
 - Transaction Codes (TC)
 - Search Results
 - Favorites

Query Builder

(29) [BSAK (Accounting: Secondary Index for Vendors (Cleared Items))]

<input checked="" type="checkbox"/>	BUKRS	Company Code
<input checked="" type="checkbox"/>	LIFNR	Account Number of Vendor or Creditor
<input type="checkbox"/>	UMSKS	Special G/L Transaction Type
<input type="checkbox"/>	UMSKZ	Special G/L Indicator
<input checked="" type="checkbox"/>	AUGDT	Clearing Date
<input checked="" type="checkbox"/>	AUGBL	Document Number of the Clearing Document
<input checked="" type="checkbox"/>	ZUONR	Assignment Number
<input checked="" type="checkbox"/>	GJAHR	Fiscal Year
<input checked="" type="checkbox"/>	BELNR	Accounting Document Number
<input checked="" type="checkbox"/>	BUZEI	Number of Line Item Within Accounting Document
<input checked="" type="checkbox"/>	CPUDT	Day On Which Accounting Document Was Entered
<input checked="" type="checkbox"/>	MONAT	Fiscal Period
<input type="checkbox"/>	REBZG	Number of the Invoice the Transaction Belongs to
<input type="checkbox"/>	REBZJ	Fiscal Year of the Relevant Invoice (for Credit Memo)
<input type="checkbox"/>	REBZZ	Line Item in the Relevant Invoice
<input type="checkbox"/>	REBZT	Follow-On Document Type
<input type="checkbox"/>	BUDAT	Posting Date in the Document
<input checked="" type="checkbox"/>	BLDAT	Document Date in Document
<input checked="" type="checkbox"/>	WAERS	Currency Key
<input checked="" type="checkbox"/>	XBLNR	Reference Document Number
<input checked="" type="checkbox"/>	BLART	Document Type
<input type="checkbox"/>	BSCHL	Posting Key
<input type="checkbox"/>	ZUMSK	Target Special G/L Indicator
<input checked="" type="checkbox"/>	SHKZG	Debit/Credit Indicator
<input type="checkbox"/>	GSBER	Business Area

	Output	Selection	Field Description	Technical Name	Selection Type	Where Clause	Required	Lookup Type
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Number of the...	BSAK.AUGBL	RunTime		<input type="checkbox"/>	SapOptional
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clearing Date	BSAK.AUGDT			<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Accounting Document Nu...	BSAK.BELNR			<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Document Type	BSAK.BLART	RunTime	(BSAK.BLART = 'RE' OR BSA...	<input checked="" type="checkbox"/>	SapOptional
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Date in Docum...	BSAK.BLDAT			<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Posting Date in the Docu...	BSAK.BUDAT			<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Company Code	BSAK.BUKRS	RunTime	(BSAK.BUKRS = "")	<input type="checkbox"/>	SapOptional
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Number of Line Item Wit...	BSAK.RI L7FT			<input type="checkbox"/>	



Settings in the Where Clause Builder

SAP Tables

- Winshuttle Data Dictionary (USA_100)
 - Basis Components (BC)
 - Cross-Application Components (CA)
 - Controlling (CO)
 - Enterprise Controlling (EC)
 - EH Occupational Health (EH)
 - Financial Accounting (FI)
 - Investment Management (IM)
 - Logistics Execution (LE)
 - Logistics - General (LO)
 - Materials Management (MM)
 - Personnel Management (PA)
 - Training and Event Management (PE)
 - Plant Maintenance (PM)
 - Production Planning and Control (PP)
 - Project System (PS)
 - Personnel Time Management (PT)
 - Payroll (PY)
 - Quality Management (QM)
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Query Builder

(29) [BSAK (Accounting: Secondary Index for Vendors (Cleared Items))]

- BUKRS Company Code
- LIFNR Account Number of Vendor or Creditor
- UMSKS Special G/L Transaction Type
- UMSKZ Special G/L Indicator
- AUGDT Clearing Date
- AUGBL Document Number of the Clearing Document
- ZUDNR Assignment Number
- GJAHR Fiscal Year
- BELNR Accounting Document Number
- BUZEI Number of Line Item Within Accounting Document
- CPUINT Day On Which Accounting Document Was Entered

Output	Selection	Field Description	Technical Name	Selection Type	Where Clause	Required	Looku
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Number of the...	BSAK.AUGBL	RunTime	...	<input type="checkbox"/>	SapOp
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clearing Date	BSAK.AUGDT		...	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Accounting Document Nu...	BSAK.BELNR		...	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Document Type	BSAK.BLART	RunTime	(BSAK.BLART = 'RE' OR BSA...	<input checked="" type="checkbox"/>	SapOp
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Date in Docum...	BSAK.BLDAT		...	<input type="checkbox"/>	

Where Clause Builder for BSAK.BLART [Document Type]

Select Values from SAP (F4)

Field Expression	Field Type	Field Size	NOT	Operator	Condition	And/Or
BSAK.BLART	String	2	<input type="checkbox"/>	=	RE	Or
BSAK.BLART	String	2	<input type="checkbox"/>	=	KR	









Select file format you would like to use for the data download

QUERY Script: QUERY script -

File Name: BSAK_ACL_2011_dupinvpd-EXCEL.... Data Source: Table

AutoMap

Mapping:      

Change Destination Type

S.No	SAP Field Name	Expression	SAP Field Description	Size	Mapped to column	Excel Expression	Expression Evaluation c
1	BUKRS	BSAK.BUKRS	Company Code		A		
2	MONAT	BSAK.MONAT	Fiscal Period		B		
3	GJAHR	BSAK.GJAHR	Fiscal Year		C		
4	LIFNR	BSAK.LIFNR	Account Number of Vendor or Creditor		D		
5	AUGDT	BSAK.AUGDT	Clearing Date		E		
6	AUGBL	BSAK.AUGBL	Document Number of the Clearing Document	String 10	F		
7	ZUONR	BSAK.ZUONR	Assignment Number	String 18	G		
8	BELNR	BSAK.BELNR	Accounting Document Number	String 10	H		
9	BUZEI	BSAK.BUZEI	Number of Line Item Within Accounting Document	String 3	I		
10	BLART	BSAK.BLART	Document Type	String 2	J		
11	XBLNR	BSAK.XBLNR	Reference Document Number	String 16	K		

The Mapping

SAP Ce
Powered by SAP F

QUERY script - Change

File Name: BSAK_ACL_2011_dupinvpd-EXCEL.... Data Source: Table

Mapping:

AutoMap Change Destination Type

S.No	SAP Field Name	Expression	SAP Field Description	Field Type	Field Size	Mapped to column	Excel Expression	Expression Evaluation cell	Trans
1	BUKRS	BSAK.BUKRS	Company Code	String	4	A			
2	MONAT	BSAK.MONAT	Fiscal Period	String	2	B			
3	GJAHR	BSAK.GJAHR	Fiscal Year	String	4	C			
4	LIFNR	BSAK.LIFNR	Account Number of Vendor or Creditor	String	10	D			
5	AUGDT	BSAK.AUGDT	Clearing Date	Date	8	E			
6	AUGBL	BSAK.AUGBL	Document Number of the Clearing Document	String	10	F			
7	ZUONR	BSAK.ZUONR	Assignment Number	String	18	G			
8	BELNR	BSAK.BELNR	Accounting Document Number	String	10	H			
9	BUZEI	BSAK.BUZEI	Number of Line Item Within Accounting Document	String	3	I			
10	BLART	BSAK.BLART	Document Type	String	2	J			
11	XBLNR	BSAK.XBLNR	Reference Document Number	String	16	K			

Change Sheet | Add Log Column | Save

	A	B	C	D	E	F	G	H	I	J	K	L
1	BUKRS	MONAT	GJAHR	LIFNR	AUGDT	AUGBL	ZUONR	BELNR	BUZEI	BLART	XBLNR	ZFBDT
2	0331	04	2011	0001001913	4/5/2011	2000000916	Pfau Medizinische-	5200002861	001	RE	R012891	7/29/20
3	0331	04	2011	0001001913	4/5/2011	2000000916	Pfau Medizinische-	5200002863	001	RE	R013206	10/9/20
4	0331	04	2011	0001001913	4/5/2011	2000000916	Pfau Medizinische-	5200002864	001	RE	R014323	6/18/20
5	0331	04	2011	0001001913	4/5/2011	2000000916	Pfau Medizinische-	5200002865	001	RE	R014555	8/20/20
6	0331	04	2011	0001001913	4/5/2011	2000000916	Pfau Medizinische-	5200002867	001	RF	R014808	10/20/20



The Scheduler

Scheduler

➤ Schedule a run

QUERY Script Name	Result File	Schedule	Last Run Time	Next Run Time	E-mail Notification
SETHEADER.qsq	setheader.txt	At 10:55 PM every day, starting ...	10/9/2012 10:55:00 PM	10/10/2012 10:55:00 PM	erin.stone@bbraun.com
ONRKL.qsq	ONRKL.txt	At 10:00 PM every day, starting ...	10/9/2012 10:00:00 PM	10/10/2012 10:00:00 PM	erin.stone@bbraun.com
CSLT.qsq	CSLT.TXT	At 9:50 PM every day, starting 8/...	10/9/2012 9:50:00 PM	10/10/2012 9:50:00 PM	erin.stone@bbraun.com
CSKU.qsq	CSKU.txt	At 10:00 PM every day, starting ...	10/9/2012 10:00:00 PM	10/10/2012 10:00:00 PM	erin.stone@bbraun.com
CSKT.qsq					erin.stone@bbraun.com
CSKS.qsq					erin.stone@bbraun.com
CSKB.qsq					erin.stone@bbraun.com
CSKA.qsq					erin.stone@bbraun.com
T052_ACL.qsq					erin.stone@bbraun.com
LFB1_ACL.qsq					erin.stone@bbraun.com
LFA1_ACL.qsq					erin.stone@bbraun.com
LOADCOVP_CURRENT_DAILY.QSQ					erin.stone@bbraun.com
COSR.qsq					erin.stone@bbraun.com
COSL.qsq					erin.stone@bbraun.com
TKT03.qsq					erin.stone@bbraun.com
SETNODE.qsq					erin.stone@bbraun.com
SETLEAF.qsq					erin.stone@bbraun.com
SETHEADERT.qsq					erin.stone@bbraun.com
LAST_LOGON.qsq					erin.stone@bbraun.com
T052U_ACL.qsq					erin.stone@bbraun.com

Run time variable wizard: BSAK_ACL_2011_dupinvpd-EXCEL.qsq

Document Type * = Or

Company Code =

Day On Which Acc... **Between** To

Fiscal Year =

Account Number o... **Between** To

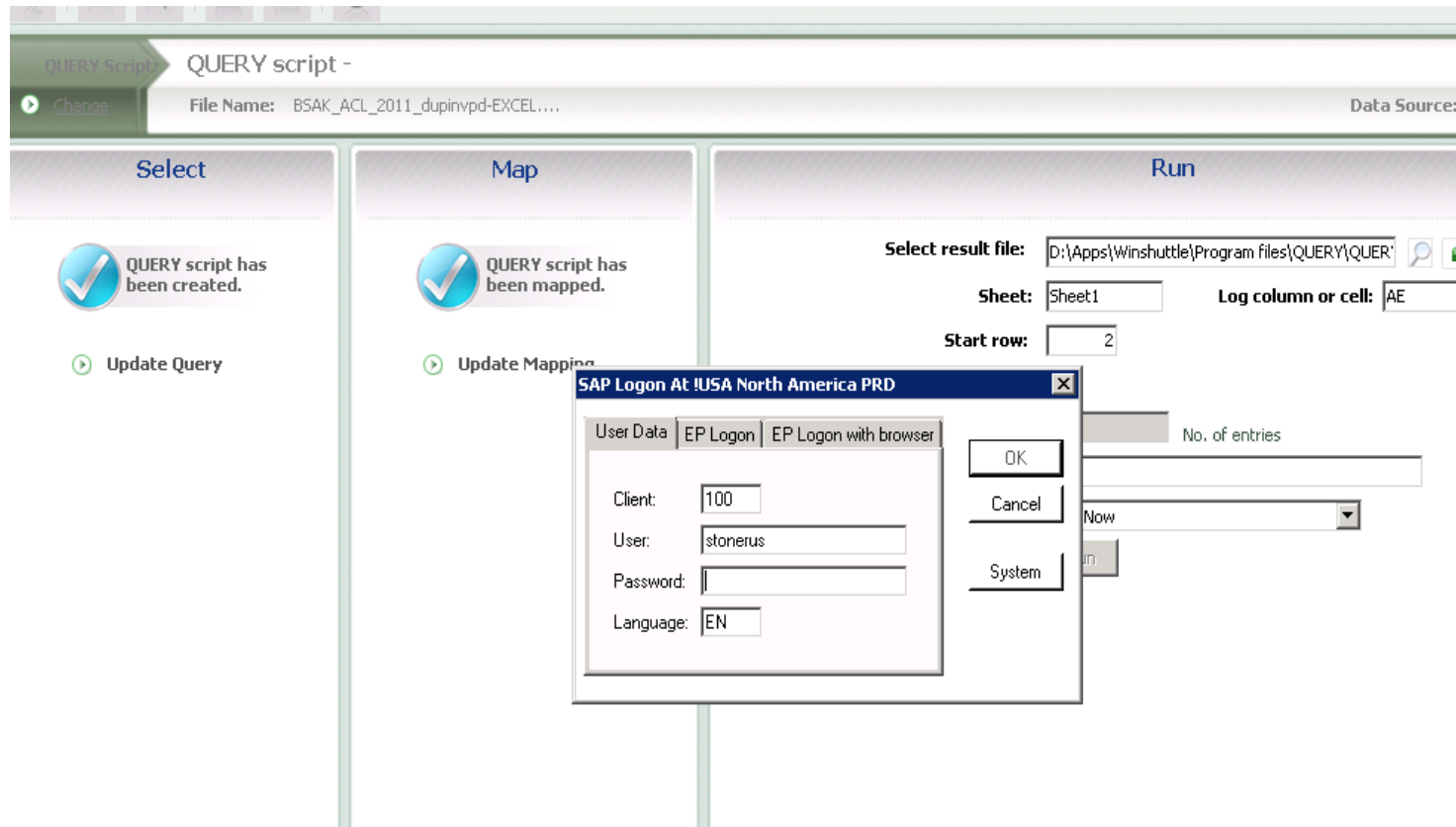
Fiscal Period **Between** To

* Required

OK



Running Winshuttle Query



Using Query – the login process does not bypass normal log on procedures or security settings within SAP

My data file is now ready to be used by ACL

	A	B	C	D	E	F	G	H	I	J	K	L	M
	BUKRS	MONAT	GJAHR	LIFNR	AUGDT	AUGBL	ZUONR	BELNR	BUZEI	BLART	XBLNR	ZFBDT	XZAHL
1													
2	0329	11	2011	0001003907	11/18/2011	5600001607	Seidenader	5200025429	001	RE	TR27807_04-1	8/29/2011	
3	0329	11	2011	0001003907	11/18/2011	5600001607	Seidenader	5200025432	001	RE	TR27807_04	8/29/2011	
4	0329	06	2011	0001004025	6/3/2011	5800011744	Lehmann & Voss & C	5200011852	001	RE	90277586	4/14/2011	
5	0329	02	2011	0001004600	2/14/2011	5800003053	Stockert GmbH	5400003427	001	KR	4110096	1/31/2011	
6	0329	02	2011	0001004600	3/2/2011	5800004349	Stockert GmbH	5400005073	001	KR	4110191	2/22/2011	
7	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007408	001	KR	4110260	3/14/2011	
8	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007409	001	KR	4110264	3/14/2011	
9	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007411	001	KR	4110265	3/14/2011	
10	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007413	001	KR	4110266	3/14/2011	
11	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007414	001	KR	4110267	3/14/2011	
12	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007415	001	KR	4110263	3/14/2011	
13	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007416	001	KR	4110261	3/14/2011	
14	0329	03	2011	0001004600	3/28/2011	5800006546	Stockert GmbH	5400007417	001	KR	4110262	3/14/2011	
15	0329	04	2011	0001004600	4/28/2011	5800008866	Stockert GmbH	5400010406	001	KR	4110396	4/8/2011	
16	0329	05	2011	0001004600	5/19/2011	5800010555	Stockert GmbH	5400012034	001	KR	4110442	4/20/2011	
17	0329	06	2011	0001004600	6/15/2011	5800012579	Stockert GmbH	5400014313	001	KR	4110569	5/23/2011	
18	0329	06	2011	0001004600	6/17/2011	5800012867	Stockert GmbH	5400014518	001	KR	4110639	6/8/2011	
19	0329	07	2011	0001004600	7/25/2011	5800015731	Stockert GmbH	5400017236	001	KR	4110743	7/6/2011	
20	0329	08	2011	0001004600	8/25/2011	5800018114	Stockert GmbH	5400020032	001	KR	4110884	8/15/2011	



Query and Infosets

The screenshot shows the Winshuttle QUERY application window. The title bar reads "Winshuttle QUERY". The menu bar includes "File", "Edit", "Tools", and "Help". Below the menu bar is a toolbar with icons for back, forward, and other functions. A status bar at the top indicates "QUERY Script: QUERY script has not been created yet".

The main workspace is divided into two panels: "Select" and "Map".

- Select Panel:** Contains the text "Create a new QUERY script." and three options:
 - ▶ Create Query
 - ▶ Create Query Using Winshuttle Templates
 - ▶ Create Query Using SAP Recording
- Map Panel:** Contains the text "You must load or create a QUERY script before mapping."

A "QUERY Script Properties" dialog box is open, showing the following fields and options:

- Data Source:** Radio buttons for "Tables", "Infosets/Queries" (selected and circled in red), and "Logical Databases". A note states: "InfoSets/Queries are suitable for reporting in all areas of the SAP R/3 system."
- QUERY script Properties:**
 - Title: "QUERY script -" (with a red asterisk)
 - Lock QUERY script:
 - Password: [text field]
 - Confirm password: [text field]
 - SAP system: "USA"
 - Created by: "stonerus"
 - Date & Time: "10/20/2014 7:18:21 PM"
 - Reason for creation: "Infoset example"
 - Comments: [text field]

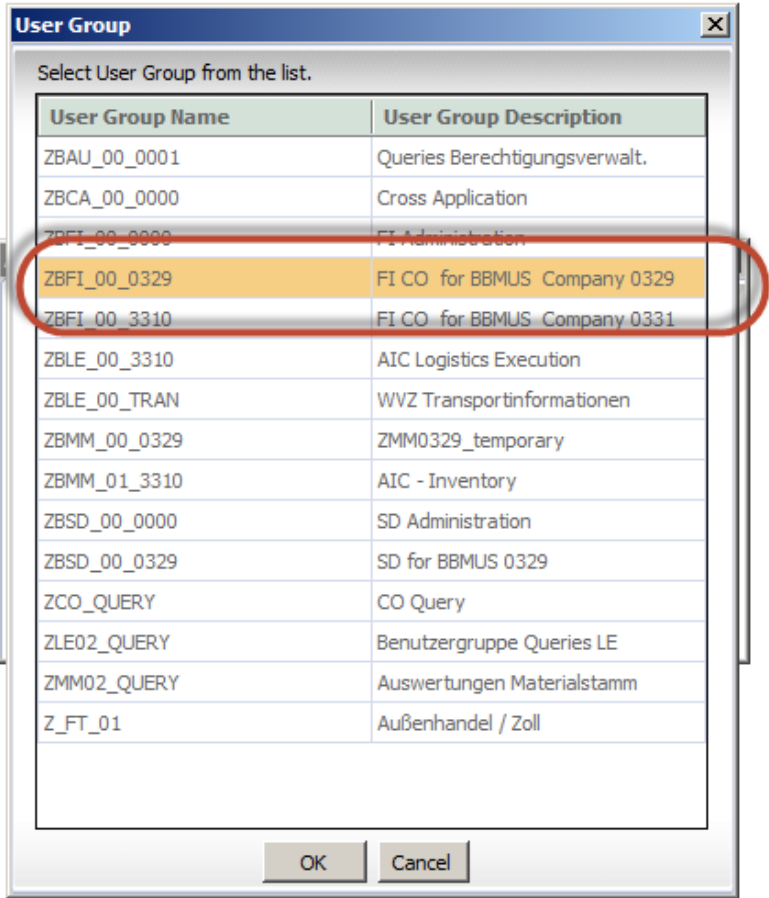
Buttons for "OK" and "Cancel" are at the bottom of the dialog box.



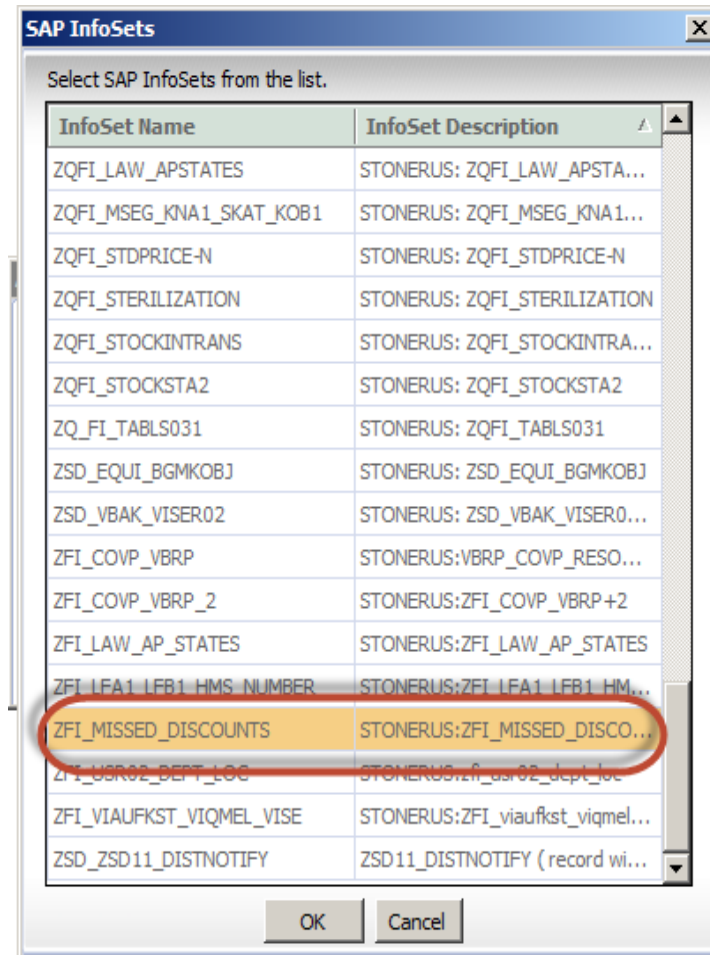
Using SAP Infoset via Winshuttle Query

The screenshot displays the Winshuttle Query Builder interface. The top bar shows 'QUERY Script: QUERY script -' and 'File Name: Untitled.qsq'. The left pane, titled 'SAP InfoSets & SAP Queries', shows a tree view of the 'Winshuttle Data Dictionary (USA_100)'. Under 'Global Area', there are several 'InfoSets (GA)' and 'Standard Area' categories. The 'Standard Area' is expanded to show 'InfoSets (SA)' and 'Financial Accounting (FI)'. A red circle highlights the 'Financial Accounting (FI)' category. A context menu is open over this category, listing options such as 'Add Sub-Category', 'Rename Category', 'Delete Category', 'Add InfoSet', 'Synchronize', 'Add InfoSet to Query Builder', 'Remove InfoSet', 'Add InfoSet to Favorites (SA)', 'Remove From Favorites', 'Restore Master Data Dictionary', and 'Search In Data Dictionary'. The 'Add InfoSet' option is highlighted. To the right, a dialog box titled 'Add InfoSet to Standard area' is open, showing a list of categories to add the info set to. The 'Financial Accounting (FI)' category is selected in this list, and a red circle highlights it. The dialog also includes fields for 'User Group' and 'InfoSet Name', and an 'Add' button at the bottom.

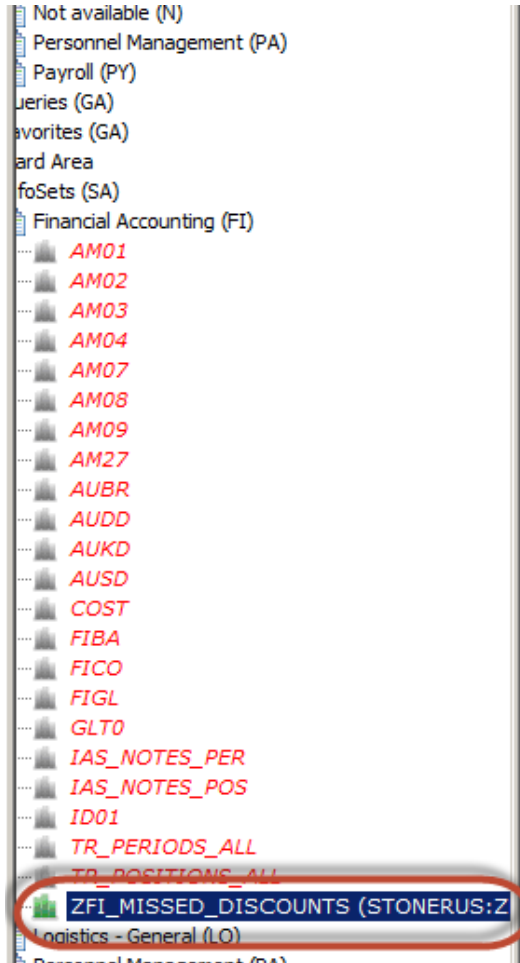
Choosing the user group in Infocet Standard area



Choose your InfoSet



Now the Infocset from SAP has been added to Winshuttle Query



Select fields from Infocset

(21) [ZFI_MISSED_DISCOUNTS (STONERUS:ZFI_MISSED_DISCOUNTS)]		
<input checked="" type="checkbox"/>	BSAK-AUGBL	Document Number of the Clearing Document
<input checked="" type="checkbox"/>	BSAK-AUGDT	Clearing Date
<input checked="" type="checkbox"/>	BSAK-BELNR	Accounting Document Number
<input checked="" type="checkbox"/>	BSAK-BLART	Document Type
<input checked="" type="checkbox"/>	BSAK-BLDAT	Document Date in Document
<input checked="" type="checkbox"/>	BSAK-BUDAT	Posting Date in the Document
<input checked="" type="checkbox"/>	BSAK-BUKRS	Company Code
<input type="checkbox"/>	BSAK-BUZEI	Number of Line Item Within Accounting Document
<input type="checkbox"/>	BSAK-CPUDT	Day On Which Accounting Document Was Entered
<input checked="" type="checkbox"/>	BSAK-DMBTR	Amount in Local Currency
<input checked="" type="checkbox"/>	BSAK-GJAHR	Fiscal Year
<input type="checkbox"/>	BSAK-LIFNR	Account Number of Vendor or Creditor
<input type="checkbox"/>	BSAK-MONAT	Fiscal Period
<input type="checkbox"/>	BSAK-SGTXT	Item Text
<input type="checkbox"/>	BSAK-SHKZG	Debit/Credit Indicator
<input checked="" type="checkbox"/>	BSAK-SKFBT	Amount Eligible for Cash Discount in Document Currency
<input checked="" type="checkbox"/>	BSAK-SKNT0	Cash Discount Amount in Local Currency
<input type="checkbox"/>	BSAK-UMSKS	Special G/L Transaction Type
<input type="checkbox"/>	BSAK-UMSKZ	Special G/L Indicator
<input type="checkbox"/>	BSAK-XBLNR	Reference Document Number
<input checked="" type="checkbox"/>	BSAK-ZBD1T	Cash Discount Days 1
<input checked="" type="checkbox"/>	BSAK-ZFBDT	Baseline Date for Due Date Calculation
<input checked="" type="checkbox"/>	BSAK-ZTERM	Terms of Payment Key
<input type="checkbox"/>	BSAK-ZUONR	Assignment Number
<input checked="" type="checkbox"/>	T052-ZFAEL	Calendar Day for the Baseline Date for Payment
<input checked="" type="checkbox"/>	T052-ZPRZ1	Cash Discount Percentage Rate
<input checked="" type="checkbox"/>	T052-ZPRZ2	Cash Discount Percentage Rate
<input checked="" type="checkbox"/>	T052-ZTAG1	Days from Baseline Date for Payment
<input checked="" type="checkbox"/>	T052-ZTAG2	Days from Baseline Date for Payment
<input checked="" type="checkbox"/>	T052-ZTAGG	Day Limit
<input checked="" type="checkbox"/>	T052-ZTERM	Terms of Payment Key
<input type="checkbox"/>	TEXT_BSAK_BL	Text:Document Type
<input type="checkbox"/>	TEXT_BSAK_BU	Text:Company Code
<input type="checkbox"/>	TEXT_BSAK_LI	Text:Account Number of Vendor or Creditor
<input type="checkbox"/>	TEXT_BSAK_SH	Text:Debit/Credit Indicator
<input type="checkbox"/>	TEXT_BSAK_UM	Text:Special G/L Indicator
<input type="checkbox"/>	TEXT_T052_ZT	Text:Day Limit



Preview your data before saving

Query Builder | Work Area: Standard

Data Source: InfoSetQuery

(21) [ZFI_MISSED_DISCOUNTS (STONERUS:ZFI_MISSED_DISCOUNTS)]

- BSAK-AUGBL Document Number of the Clearing Document
- BSAK-AUGDT Clearing Date
- BSAK-BELNR Accounting Document Number
- BSAK-BLART Document Type
- BSAK-BLDAT Document Date in Document
- BSAK-BUDAT Posting Date in the Document
- BSAK-BUKRS Company Code
- BSAK-BUZEI Number of Line Item Within Accounting Document
- BSAK-CPUDT Day On Which Accounting Document Was Entered
- BSAK-DMBTR Amount in Local Currency
- BSAK-GJAHR Fiscal Year
- BSAK-LIFNR Account Number of Vendor or Creditor
- BSAK-MONAT Fiscal Period
- BSAK-SGTXT Item Text
- BSAK-SHKZG Debit/Credit Indicator

Output	Selection	Field Description	Technical Name	Selection Type	Where Clause	Required	Lookup Type	Field Size	Field Type
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Number of the...	ZFI_MISSED_DISCO...			<input type="checkbox"/>		10	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clearing Date	ZFI_MISSED_DISCO...			<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Accounting Document Nu...	ZFI_MISSED_DISCO...			<input type="checkbox"/>		10	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Type	ZFI_MISSED_DISCO...			<input type="checkbox"/>		2	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Date in Docum...	ZFI_MISSED_DISCO...			<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Posting Date in the Docu...	ZFI_MISSED_DISCO...			<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Company Code	ZFI_MISSED_DISCO...			<input type="checkbox"/>		4	String

Show Pre



Generate a preview of Infocset data

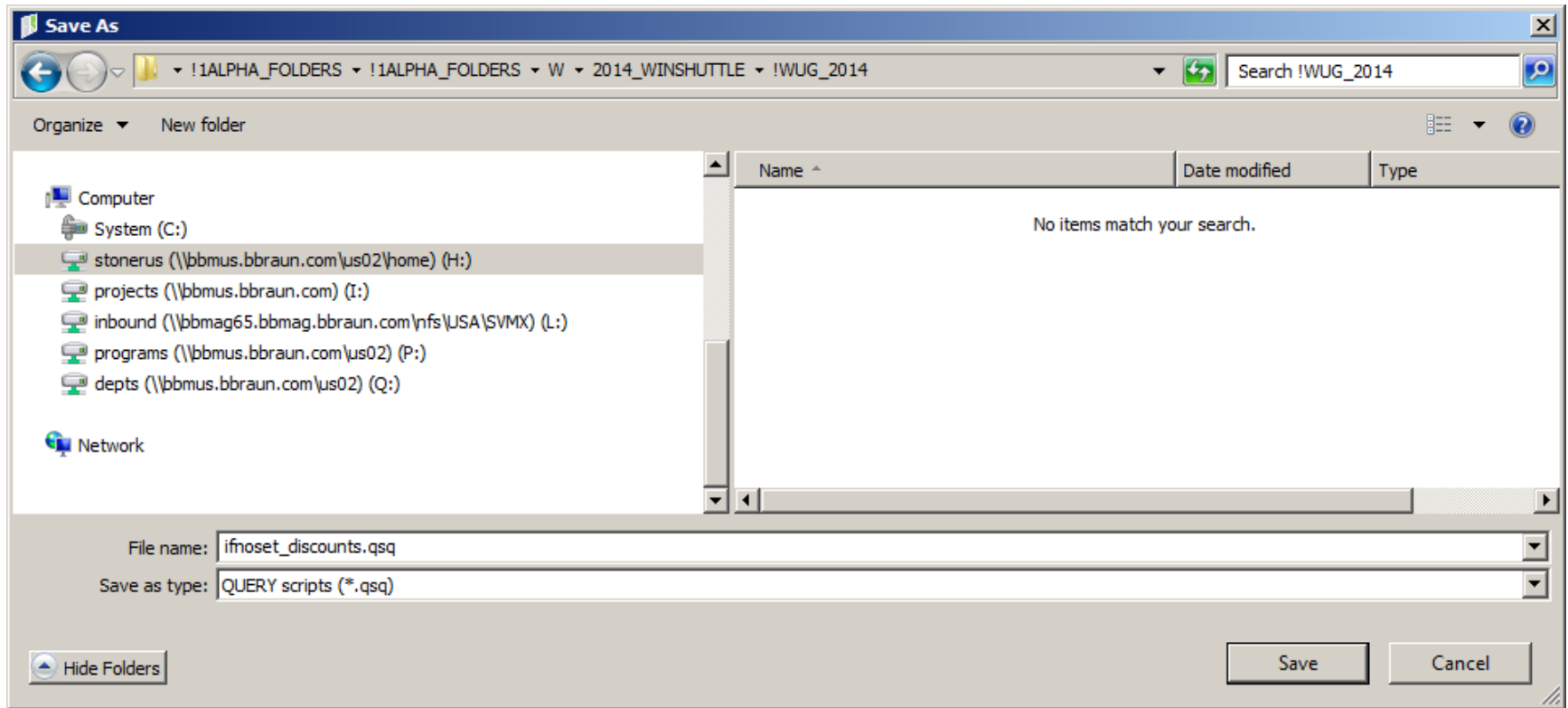
Preview Run

Preview run for the existing query

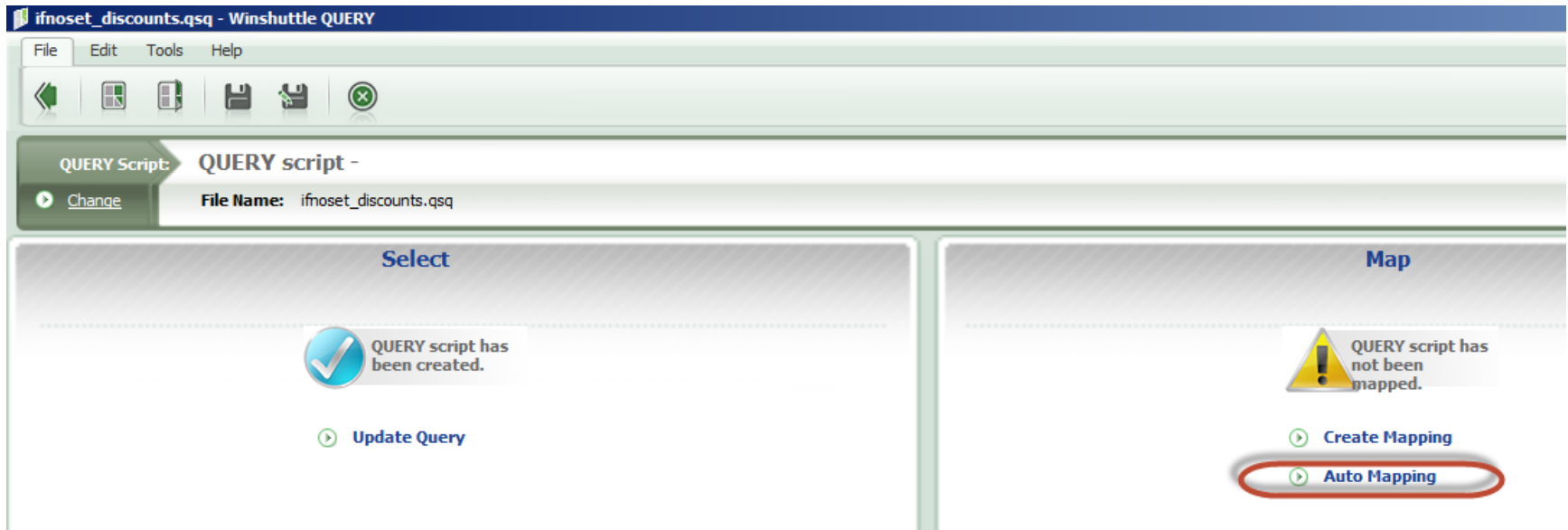
	ZFI_MISSED_DISCOUNTS.BSAK-AUGBL [Document Number of the Clearing Document]	ZFI_MISSED_DISCOUNTS.BSAK-AUGDT [Clearing Date]	ZFI [Acc
▶ 001	5800006316	8/10/2009	54000
002	5800006315	8/10/2009	54000
003	5800006324	8/10/2009	54000
004	5800006325	8/10/2009	54000
005	5800006323	8/10/2009	54000
006	5800006323	8/10/2009	54000
007	5800006326	8/10/2009	54000
008	5800006327	8/10/2009	54000
009	5800006328	8/10/2009	54000
010	5800006329	8/10/2009	54000

OK

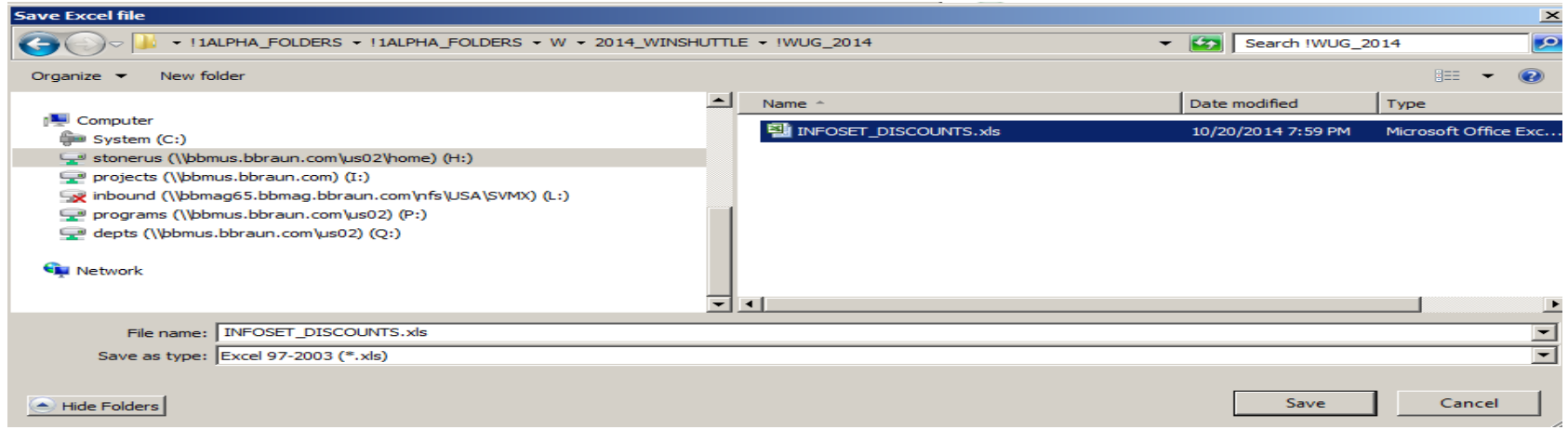
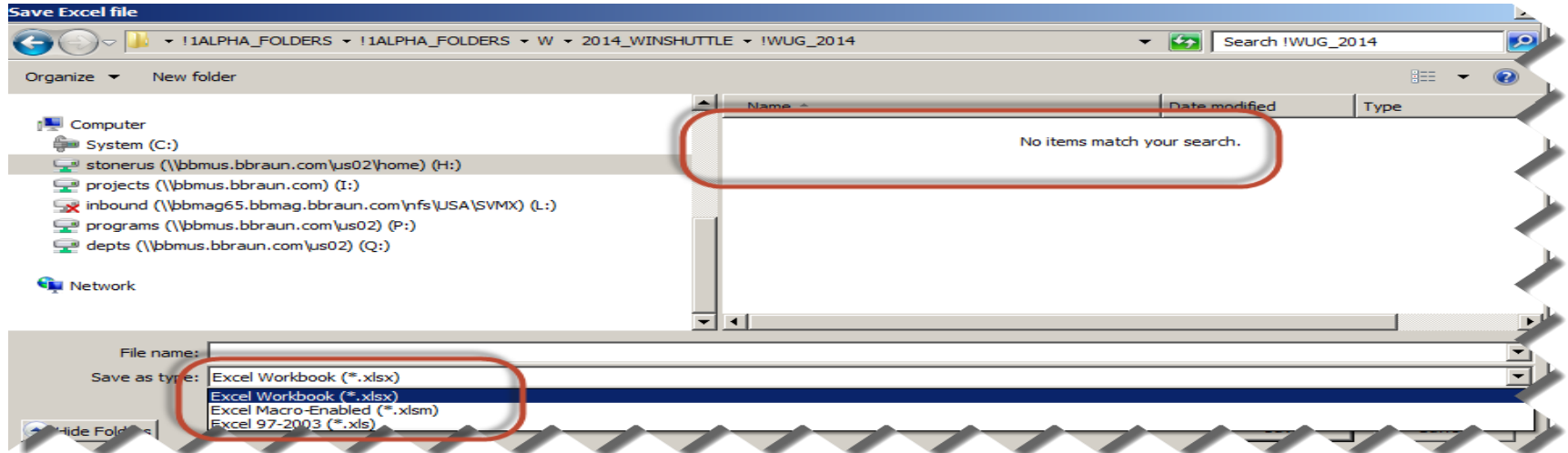
Save your Winshuttle Query infoset



Create your Query Script Mapping



Selecting your Excel file for mapping



Choose selection fields

SAP InfoSets & SAP Queries

Winshuttle Data Dictionary (USA_100)

- Global Area
 - InfoSets (GA)
 - Queries (GA)
 - Favorites (GA)
- Standard Area
 - InfoSets (SA)
 - Queries (SA)
 - Favorites (SA)

Query Builder Work Area: Standard







(21) ZFI_MISSED_DISCOUNTS (STONERUS:ZFI_MISSED_DISCOUNTS)

Output	Selection	Field Description	Technical Name	Selection Type	Where Clause	Required	Lookup Type	Field Size	Field Type
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Document Number of the Clearing Document	ZFI_MISSED_DISCOUNTS.BSAK-AUGBL	RunTime	(ZFI_MISSED_DISCOUNTS.B...	<input type="checkbox"/>	SapOptional	10	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clearing Date	ZFI_MISSED_DISCOUNTS.BSAK-AUGDT		...	<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Accounting Document Number	ZFI_MISSED_DISCOUNTS.BSAK-BELNR	RunTime	(ZFI_MISSED_DISCOUNTS.B...	<input type="checkbox"/>	SapOptional	10	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Type	ZFI_MISSED_DISCOUNTS.BSAK-BLART		...	<input type="checkbox"/>		2	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document Date in Document	ZFI_MISSED_DISCOUNTS.BSAK-BLDAT		...	<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Posting Date in the Document	ZFI_MISSED_DISCOUNTS.BSAK-BUDAT		...	<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Company Code	ZFI_MISSED_DISCOUNTS.BSAK-BUKRS	RunTime	(ZFI_MISSED_DISCOUNTS.B...	<input type="checkbox"/>	SapOptional	4	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Amount in Local Currency	ZFI_MISSED_DISCOUNTS.BSAK-DMBTR		...	<input type="checkbox"/>		16	Decimal
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fiscal Year	ZFI_MISSED_DISCOUNTS.BSAK-GJAHR	RunTime	(ZFI_MISSED_DISCOUNTS.B...	<input type="checkbox"/>	SapOptional	4	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Amount Eligible for Cash Discount in Document Currency	ZFI_MISSED_DISCOUNTS.BSAK-SKFBT		...	<input type="checkbox"/>		16	Decimal
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cash Discount Amount in Local Currency	ZFI_MISSED_DISCOUNTS.BSAK-SKNTO		...	<input type="checkbox"/>		16	Decimal
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cash Discount Days 1	ZFI_MISSED_DISCOUNTS.BSAK-ZBD1T		...	<input type="checkbox"/>		3	Decimal
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Baseline Date for Due Date Calculation	ZFI_MISSED_DISCOUNTS.BSAK-ZFBDT		...	<input type="checkbox"/>		10	Date
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Terms of Payment Key	ZFI_MISSED_DISCOUNTS.BSAK-ZTERM	RunTime	(ZFI_MISSED_DISCOUNTS.B...	<input type="checkbox"/>	SapOptional	4	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Calendar Day for the Baseline Date for Payment	ZFI_MISSED_DISCOUNTS.T052-ZFAEL		...	<input type="checkbox"/>		2	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cash Discount Percentage Rate	ZFI_MISSED_DISCOUNTS.T052-ZPRZ1		...	<input type="checkbox"/>		6	Decimal
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cash Discount Percentage Rate	ZFI_MISSED_DISCOUNTS.T052-ZPRZ2		...	<input type="checkbox"/>		6	Decimal
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Days from Baseline Date for Payment	ZFI_MISSED_DISCOUNTS.T052-ZTAG1		...	<input type="checkbox"/>		3	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Days from Baseline Date for Payment	ZFI_MISSED_DISCOUNTS.T052-ZTAG2		...	<input type="checkbox"/>		3	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Day Limit	ZFI_MISSED_DISCOUNTS.T052-ZTAGG		...	<input type="checkbox"/>		2	String
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Terms of Payment Key	ZFI_MISSED_DISCOUNTS.T052-ZTERM		...	<input type="checkbox"/>		4	String



Run your Winshuttle Query Script

Run time variable wizard: ifnoset_discounts.qsq

Document Number ...	=	<input type="text"/>	
Accounting Docum...	=	<input type="text"/>	
Company Code	=	<input type="text" value="0329"/>	
Fiscal Year	=	<input type="text" value="2014"/>	
Terms of Payment Key	=	<input type="text"/>	
Account Number o...	=	<input type="text" value="0001021271"/>	

OK

Results

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
BSAK-AUGBL Document Number of the Clearing Document	BSAK-AUGDT Clearing Date	BSAK-BELNR Accounting Document Number	BSAK-BLART Document Type	BSAK-BLDAT Document Date in Document	BSAK-BUDAT Posting Date in the Document	BSAK- BUKRS Company Code	BSAK-DMBTR Amount in Local Currency	BSAK- GJAHR Fiscal Year	BSAK-SKFBT Amount Eligible for Cash Discount in Document Currency	BSAK-SKITO Cash Discount Amount in Local Currency	BSAK- ZBD1T Cash Discount Days 1	BSAK-ZFBOT Baseline Date for Due Date Calculation	BSAK- ZTERM Terms of Payment Key	T052- ZFAEL Calendar Day for the Baseline Date for Payment	T052- ZPRZ1 Cash Discount Percentag e Rate	T052- ZPRZ2 Cash Discount Percentag e Rate	T052- ZTAG1 Days from Baseline Date for Payment	T052- ZTAG2 Days from Baseline Date for Payment	T052- ZTAGG Day Limit	T052- ZTERM Terms of Payment Key	SAP System Client - USA : 11 SAP User - stonerus QUERY Script Name - ifnoset_disco Records extracted - 151 Execution Time - 00:00:12 Download date and time - Monday, Oct 8:50:38 PM Reason for run -	
1	5800020394	10/17/2014	5200021554	RE	10/7/2014	10/14/2014	0329	\$ 679.65	2014	\$ 679.65	\$ 13.59	\$ 10.00	10/7/2014	S205	00	2.000	0.000	010	030	00	S205	
2	5800020394	10/17/2014	5200020593	RE	9/17/2014	10/2/2014	0329	\$ 751.28	2014	\$ 751.28	\$ -	\$ 10.00	9/17/2014	S205	00	2.000	0.000	010	030	00	S205	
3	5800020284	10/16/2014	5200021632	RE	10/6/2014	10/14/2014	0329	\$ 755.20	2014	\$ 755.20	\$ 15.10	\$ 10.00	10/6/2014	S205	00	2.000	0.000	010	030	00	S205	
4	5800020284	10/16/2014	5200021556	RE	10/6/2014	10/14/2014	0329	\$ 3,283.25	2014	\$ 3,283.25	\$ 65.67	\$ 10.00	10/6/2014	S205	00	2.000	0.000	010	030	00	S205	
5	5800019869	10/10/2014	5200020963	RE	9/30/2014	10/7/2014	0329	\$ 695.10	2014	\$ 695.10	\$ 13.90	\$ 10.00	9/30/2014	S205	00	2.000	0.000	010	030	00	S205	
6	5800019869	10/10/2014	5200020962	RE	9/30/2014	10/7/2014	0329	\$ 2,736.42	2014	\$ 2,736.42	\$ 54.73	\$ 10.00	9/30/2014	S205	00	2.000	0.000	010	030	00	S205	
7	5800020197	10/15/2014	5200020598	RE	9/15/2014	10/2/2014	0329	\$ 11,609.35	2014	\$ 11,609.35	\$ -	\$ 10.00	9/15/2014	S205	00	2.000	0.000	010	030	00	S205	
8	5800020511	10/20/2014	5200021780	RE	10/10/2014	10/16/2014	0329	\$ 2,511.45	2014	\$ 2,511.45	\$ 50.23	\$ 10.00	10/10/2014	S205	00	2.000	0.000	010	030	00	S205	
9	5800020511	10/20/2014	5200021778	RE	10/10/2014	10/16/2014	0329	\$ 1,038.50	2014	\$ 1,038.50	\$ 20.77	\$ 10.00	10/10/2014	S205	00	2.000	0.000	010	030	00	S205	
10	5800020511	10/20/2014	5200020585	RE	9/19/2014	10/2/2014	0329	\$ 660.30	2014	\$ 660.30	\$ -	\$ 10.00	9/19/2014	S205	00	2.000	0.000	010	030	00	S205	
11	5800019310	10/3/2014	5200020594	RE	9/3/2014	10/2/2014	0329	\$ 3,144.00	2014	\$ 3,144.00	\$ -	\$ 10.00	9/3/2014	S205	00	2.000	0.000	010	030	00	S205	
12	5800019310	10/3/2014	5200020579	RE	9/23/2014	10/2/2014	0329	\$ 421.58	2014	\$ 421.58	\$ 8.43	\$ 10.00	9/23/2014	S205	00	2.000	0.000	010	030	00	S205	
13	5800019393	10/3/2014	5200020597	RE	9/24/2014	10/2/2014	0329	\$ 228.79	2014	\$ 228.79	\$ 4.58	\$ 10.00	9/24/2014	S205	00	2.000	0.000	010	030	00	S205	
14	5800019393	10/3/2014	5200020596	RE	9/24/2014	10/2/2014	0329	\$ 359.28	2014	\$ 359.28	\$ 7.19	\$ 10.00	9/24/2014	S205	00	2.000	0.000	010	030	00	S205	
15	5800019177	10/2/2014	5200020583	RE	9/22/2014	10/2/2014	0329	\$ 8,883.50	2014	\$ 8,883.50	\$ 177.67	\$ 10.00	9/22/2014	S205	00	2.000	0.000	010	030	00	S205	
16	5800019177	10/2/2014	5200020582	RE	9/22/2014	10/2/2014	0329	\$ 4,301.50	2014	\$ 4,301.50	\$ 86.03	\$ 10.00	9/22/2014	S205	00	2.000	0.000	010	030	00	S205	
17	5800019177	10/2/2014	5200020580	RE	9/22/2014	10/2/2014	0329	\$ 8,042.83	2014	\$ 8,042.83	\$ 160.86	\$ 10.00	9/22/2014	S205	00	2.000	0.000	010	030	00	S205	
18	5800018985	10/1/2014	5200020155	RE	8/13/2014	9/30/2014	0329	\$ 796.80	2014	\$ 796.80	\$ -	\$ 10.00	8/13/2014	S205	00	2.000	0.000	010	030	00	S205	



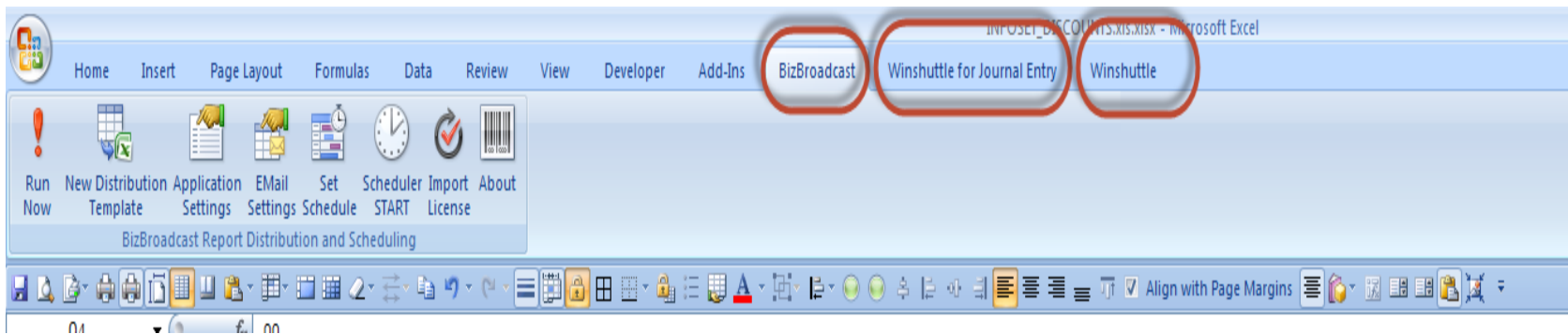
Future plans

- 1) Move from an annual process
To an integrated “every day” process
- 2) Utilize Winshuttle Query in areas of SAP Security monitoring
- 3) Monitoring SAP system for critical dollar amounts.



Other ways to use Winshuttle Query

Don't limit your options with Winshuttle Query
You can data feed SAP data to any tool
that utilizes Excel, Access, SQL or Text, Biznet



Demo



Winshuttle Query – it's not just hours saved but empowerment of the user's effectiveness

Hours savings is important but other types of monitoring can be done with Winshuttle Query:

- Internal Audit saves days of hours because the data is being pulled from SAP in an automated way.
- Alert reporting to watch for certain activates that impact finance reporting.
 - Example: being notified if a certain movement type was used that causes a large (\$\$\$\$) dollar value being posted which would affect the “Bottom line”.
- Using Winshuttle Query to do automated reporting on certain security related monitoring activities.



Questions

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