



# Extreme Transaction

Charles Howard | Winshuttle

The background of the slide features a stylized illustration of a beach scene. In the foreground, there are dark blue silhouettes of palm trees of various heights and orientations, some leaning. The trees are set against a light blue background that represents the sky. The bottom of the slide is a solid dark blue horizontal band, suggesting the ocean or a beach path.

# WINSHUTTLE USER GROUP

SAN DIEGO | 2013

## Wireless

SSID – Winshuttle

Password – wug2013



# Agenda

- Advanced Run Options
- Loops
- Conditions
- Long Text
- GUI Scripting
- Mapper Properties
- Manual Additions
- Attach a File
- Script Commands
- BAPI's/RFM's



# Advanced Run Options

- [Linking Scripts](#)
- [Skip Field Indicator](#)
- [Auto Login File](#)
- [Backup SAP Data](#)

The screenshot shows the 'Run' dialog box in Winshuttle. The main window is titled 'Run' and displays the file path 'desktop\WUG 2012\VA02 Backup SAP Data.xlsx'. Below the file path, there are fields for 'Sheet name: Sheet', 'Number of Rows: {End', and 'Log Column: E'. A 'Launch GUI' checkbox is visible. The 'Advanced Run Options' panel is expanded on the right side, showing various settings:

- Auto run the TRANSACTION script when opened
- Close application after running
- Extended log: As text in column (Column Name: )
- Error Warning column: ( )
- Append TimeStamp to SAP log Messages
- Skip Field Indicator: \
- Delay between transactions (ms): ( )
- Link TRANSACTION script ( )
- Data File Carry Setting:
  - File
  - Sheet
  - Start and End Row
- Auto Logon File: ( )
- Backup SAP data  Run Not Posted
- Excel Save and Close Options:
  - Do not Save ( )
  - Close Excel After Run

# Loops

- Multi sheet loop
- Cell based loops

The screenshot shows the Winshuttle interface with a table of data and a 'Do While Properties' dialog box. The 'Loop' icon in the top toolbar is highlighted with a red box. The dialog box shows the following settings:

Sno.	Enable	Screen
7	<input checked="" type="checkbox"/>	
8	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	SAPMV45A-0251
11	<input checked="" type="checkbox"/>	
12	<input checked="" type="checkbox"/>	
13	<input checked="" type="checkbox"/>	
14	<input checked="" type="checkbox"/>	SAPMV45A-4001
15	<input checked="" type="checkbox"/>	
16	<input checked="" type="checkbox"/>	
17	<input checked="" type="checkbox"/>	
18	<input checked="" type="checkbox"/>	
19	<input checked="" type="checkbox"/>	
20	<input checked="" type="checkbox"/>	SAPMV45A-4001

**Do While Properties**

Mapper  
Start Row: 9 End Row: 19  
Note: Rows are inclusive.

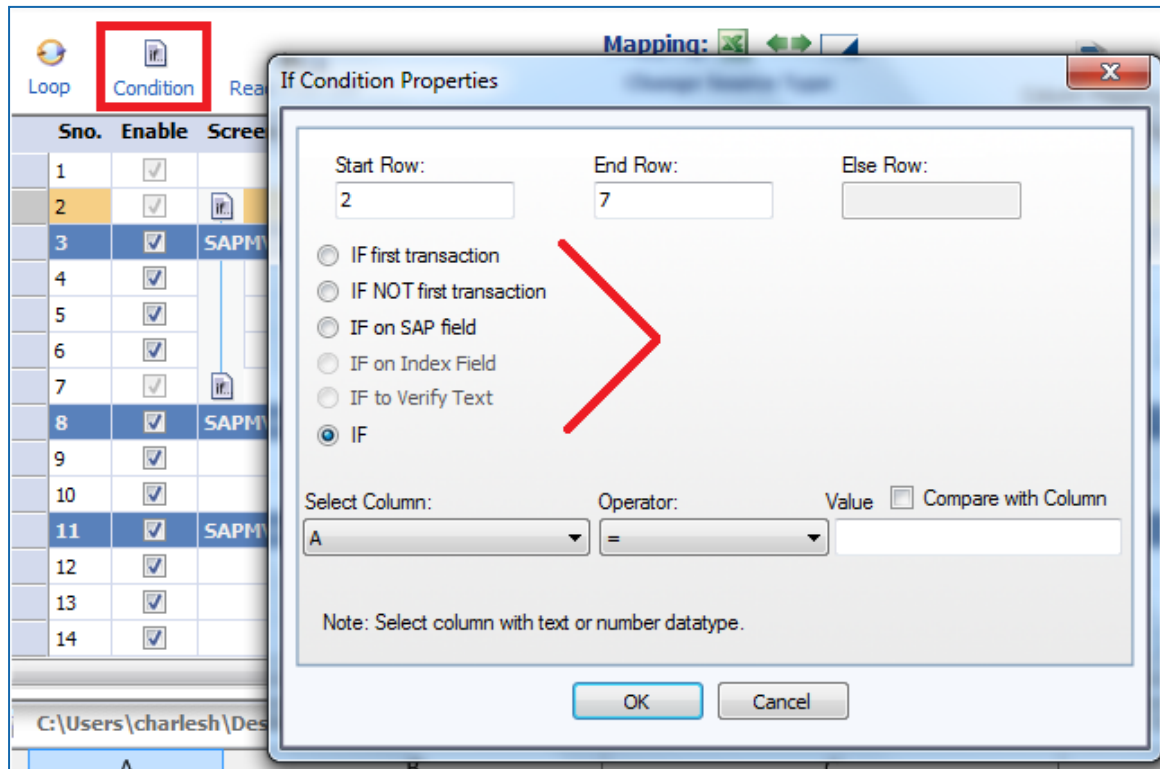
Apply Multi Sheet

MS Excel  
 Use identifiers  Specify row range  
ID Column: A  
Line Item ID: D

OK Cancel

# Conditions

- What does each condition do?
- When can these conditions be used?



# Long Text

- How to use Long Text


Recording Properties

Batch Input Mode






Non-Batch Input Mode  
Recommended for transaction with SAP Controls and for features such as Read From SAP, Extended Log.  
Use 'With SAP Controls' for Long Text Recording.

With SAP Controls  Without SAP Controls

GUI Scripting



Expert

Mapping:     

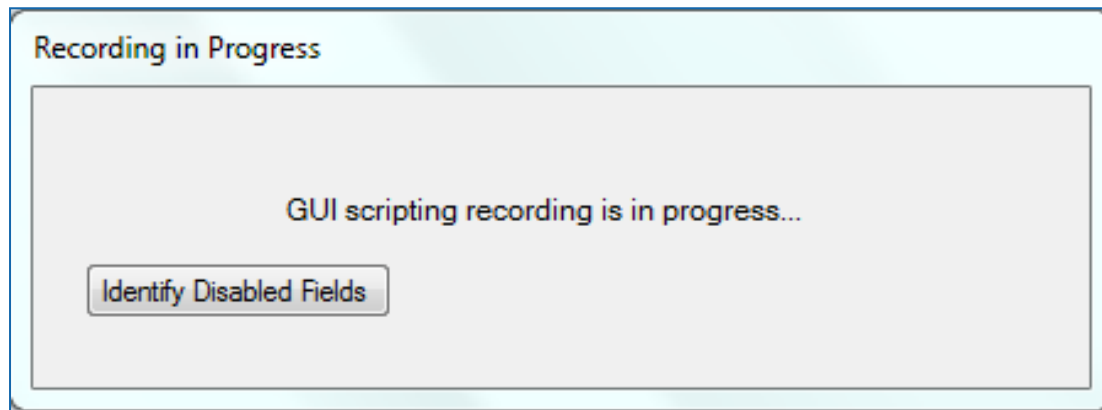
Change Source Type Column Mapping Validation Long Text Filters

Field Name	Mapping Type	Value	Notes
y sector, m...			
en	BDC_CURSOR	RMMG1-MATNR	
	BDC_OKCODE	/00	
	RMMG1-MATNR	ch200-210	

Properties

# GUI Scripting

- What can Index [loops/conditions](#) be used for?
- [How to identify disabled fields](#)



- Multiple transactions in a single recording



# Mapper Properties for Fields

- Skip Transaction
- Loop Column
- Validate by List

The screenshot displays the 'Column Mapping' window in SAP. The 'Source Type' is set to 'Excel, Col. A'. The 'Destination' is 'SAP'. The 'Field Name' table lists several fields, with 'VBAK-VBELN' highlighted. The 'Mapping Type' for 'VBAK-VBELN' is 'Loop Column'. The 'Properties' panel on the right shows the following settings:

Field Name	Mapping Type
BDC_CURSOR	
BDC_OKCODE	
VBAK-VBELN	Loop Column
BDC_OKCODE	
BDC_CURSOR	
BDC_CURSOR	
BDC_OKCODE	
BDC_CURSOR	
BDC_OKCODE	
RV45A-POSNR	

**Properties**

- Description:** Sales Document
- Field:** VBAK-VBELN
- Source:** Excel, Col. A
- Destination:** SAP
- Skip Transaction If Empty
- Loop Column
- Validate by List

Values



# Mapper Properties for Screens

- Skip Screen

The screenshot displays the SAP BDC Mapper interface. At the top, there are icons for 'Loop', 'Condition', 'Read from SAP', 'Change Source Type', 'Column Mapping', 'Validation', and 'Filters'. The main table lists screen mappings with columns for 'S', 'En', 'Screen', 'Field Description', 'Field Name', and 'Mapping Type'. Row 2 is highlighted in blue, showing screen 'SAPMV45A-0102' with field 'Sales Document' and description 'Init.screen Change'. Row 6 is also highlighted, showing screen 'SAPMV45A-4001' with field '4.0: Screen Container for Overview Scr...'. The 'Mapping Type' column for row 6 contains a green 'X' icon, a green arrow, and a blue square icon. On the right side, the 'Properties' panel is visible, showing 'Description: Sales Document Init.screen', 'Screen: SAPMV45A-0102', and a checked checkbox for 'Skip Screen If Not Found'.

S	En	Screen	Field Description	Field Name	Mapping Type
1	<input checked="" type="checkbox"/>		Log Column		
2	<input checked="" type="checkbox"/>	SAPMV45A-0102	Sales Document Init.screen Change		
3	<input checked="" type="checkbox"/>		Indicates cursor position on the screen	BDC_CURSOR	
4	<input checked="" type="checkbox"/>		OK Code for this screen	BDC_OKCODE	
5	<input checked="" type="checkbox"/>		Sales Document	VBAK-VBELN	
6	<input checked="" type="checkbox"/>	SAPMV45A-4001	4.0: Screen Container for Overview Scr...		
7	<input checked="" type="checkbox"/>		OK Code for this screen	BDC_OKCODE	
8	<input checked="" type="checkbox"/>		Indicates cursor position on the screen	BDC_CURSOR	

**Properties**  
**Description:** Sales Document Init.screen  
**Screen:** SAPMV45A-0102  
 **Skip Screen If Not Found**

# Manual Additions to the Mapper

- How do I find this information in SAP?

The screenshot shows the SAP Performance Assistant interface. On the left, the 'Search Criteria' list includes 'Purchase Order No.', 'Sold-to party', 'Delivery', 'Billing Document', and 'WBS Element'. The 'Search' button is highlighted. A red box highlights the search input field. A red arrow points from this field to the 'Performance Assistant' window.

The 'Performance Assistant' window displays the following information:

### Sales Document

The number that uniquely identifies the **sales document**.

### Use

If, for example, you want to display or change a sales document and you have only the purchase order number from the customer, you can use a **matchcode** to find the document.

### Example

You created a sales order which refers to customer purchase order number 12544-D. To locate the sales order, you can enter =a.12544-D in the sales document field.

The document number can be proposed from a user parameter.

The following parameters are available for the individual document types:

The 'Technical Information' window on the right shows the following data:

Screen Data	
Program Name	SAPMV45A
Screen number	0102

GUI Data	
Program Name	SAPMV45B
Status	A02

Field Data	
Table Name	VBAK
Field Name	VBELN
Search Help	VMVA
Data Element	VBELN_VA
DE Supplement	0
Parameter ID	AUN






  

Field Description for Batch Input	
Screen Field	VBAK-VBELN

Red arrows point to the 'Program Name' field in the 'Screen Data' section and the 'Screen Field' field in the 'Field Description for Batch Input' section.

# Manual Additions to the Mapper Continued

- How do I add it to the script?
- Any field is editable in the mapper
  - Screen, Field Name, Value, etc.

Sno.	Enable	Screen	Field Description	Field Name	Mapping Type	Value
1	<input checked="" type="checkbox"/>		Log Column			E
2	<input checked="" type="checkbox"/>	SAPMV45A-0102	Sales Document Init.screen Change			
3	<input checked="" type="checkbox"/>		Indicates cursor position on the screen	BDC_CURSOR		VBAK-VBELN
4	<input checked="" type="checkbox"/>		OK Code for this screen	BDC_OKCODE		/00
5	<input checked="" type="checkbox"/>		Sales Document	VBAK-VBELN	  	A
6	<input checked="" type="checkbox"/>	SAPMV45A-4001	4.0: Screen Container for Overview Screens			

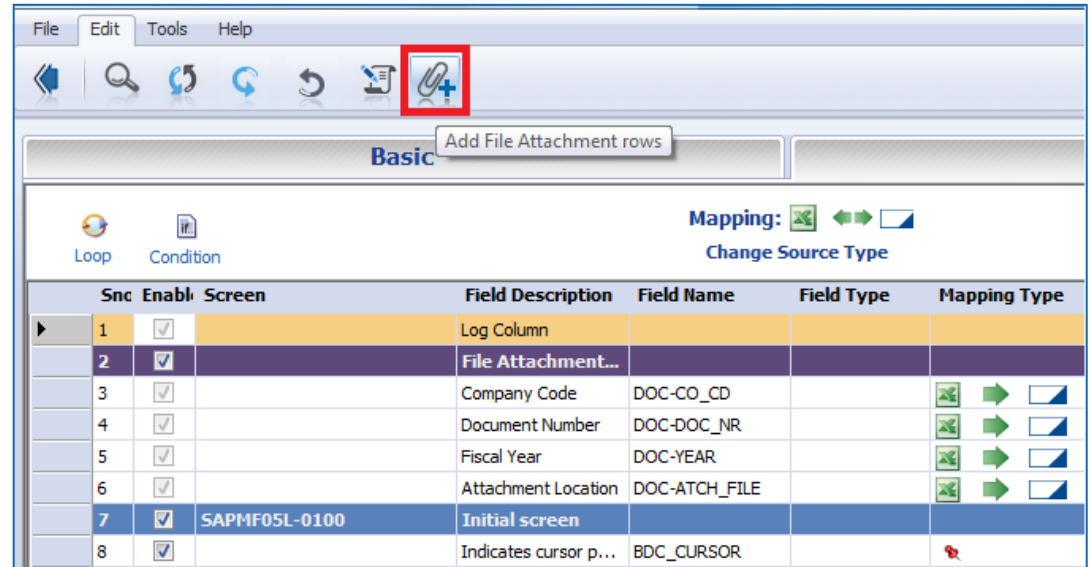
- Be careful! Incorrect placement of screens/fields will cause errors in the script



# Attaching a File

- Added in 10.4
- [Attach files without using GUI Scripting](#)
- Currently works for these transaction codes:

- MM01
- MM02
- MM03
- FB03
- VA03
- ME53N
- ME23N
- XD03
- FD02
- XK03
- PA30
- CS03
- MK02
- FK02

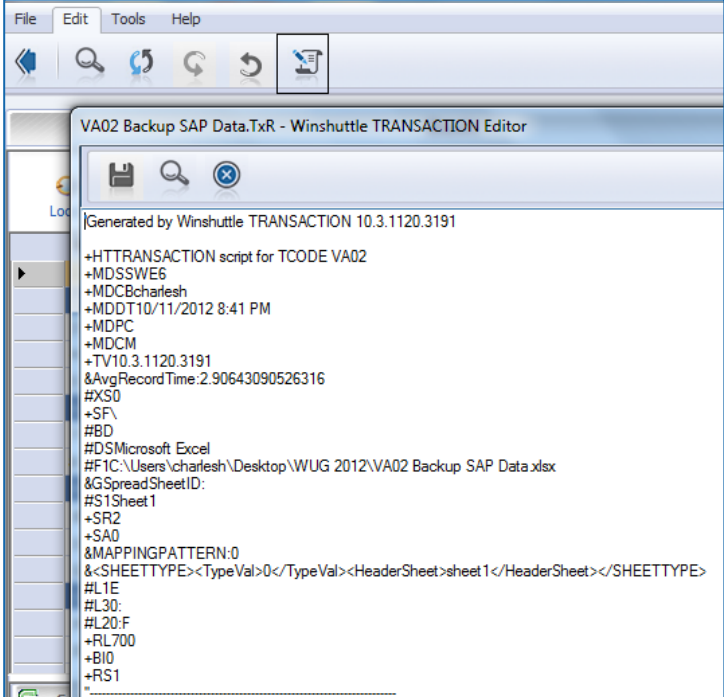


<http://cdn.winshuttle.com/products/help/transaction/TSAAdvGuide/EN/10.4/#7779.htm>



# Script Commands

- End session
- Editing the log message
- Change transaction code
- Change record mode
- Average run time
  - More accurate ROI



The screenshot shows the Winshuttle TRANSACTION Editor window titled "VA02 Backup SAP Data.TxR - Winshuttle TRANSACTION Editor". The main text area contains the following script commands:

```
[Generated by Winshuttle TRANSACTION 10.3.1120.3191  
+HTTRANSACTION script for TCODE VA02  
+MDSWE6  
+MDCBcharlesh  
+MDDT10/11/2012 8:41 PM  
+MDPC  
+MDCM  
+TV10.3.1120.3191  
&AvgRecordTime:2.90643090526316  
#XS0  
+SF\  
#BD  
#DSMicrosoft Excel  
#F1C:\Users\charlesh\Desktop\WUG 2012\VA02 Backup SAP Data.xlsx  
&GSpreadSheetID:  
#S1Sheet1  
+SR2  
+SA0  
&MAPPINGPATTERN:0  
&<SHEETTYPE><TypeVal>0</TypeVal><HeaderSheet>sheet 1</HeaderSheet></SHEETTYPE>  
#L1E  
#L30:  
#L20:F  
+RL700  
+BI0  
+RS1  
=
```

# Using a BAPI/RFM

- [Winshuttle Direct](#) enables Transaction to utilize the following
  - BAPI's
    - Business Application Programming Interface
  - RFM's
    - Remote-Enabled Function Module
- Use when recording transaction is either difficult or impossible
- Works with standard or custom BAPIs/RFMs



- Support Portal

- <https://support.winshuttle.com>

- Submit a Ticket

- <https://support.winshuttle.com/hc/en-us/requests/new>

- 1-800-711-9798 option 2





# Questions?

