

Updating Bill of Materials: Advanced If-then-Conditional Winshuttle Script Authoring

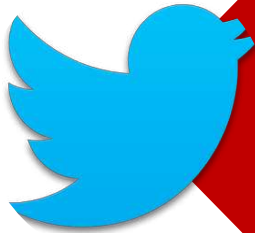
Doug Stepina, Solutions Engineer | Winshuttle, LLC



Introduction



App – Winshuttle



#WUG2014 – Twitter



Omni Meetings Network
Username: wug
Password: omni14



Introduction

- Doug Stepina, Solutions Engineer
 - Joined Winshuttle in May 2014
 - Master Data SME
 - Winshuttle User Since 2008
 - Aerospace
 - Medical/Dental
 - Master Data Business Process Owner/SAP Manager
 - Material Masters
 - **Bills of Material**
 - Production Routings
 - Etc.
- Group Introductions



Agenda

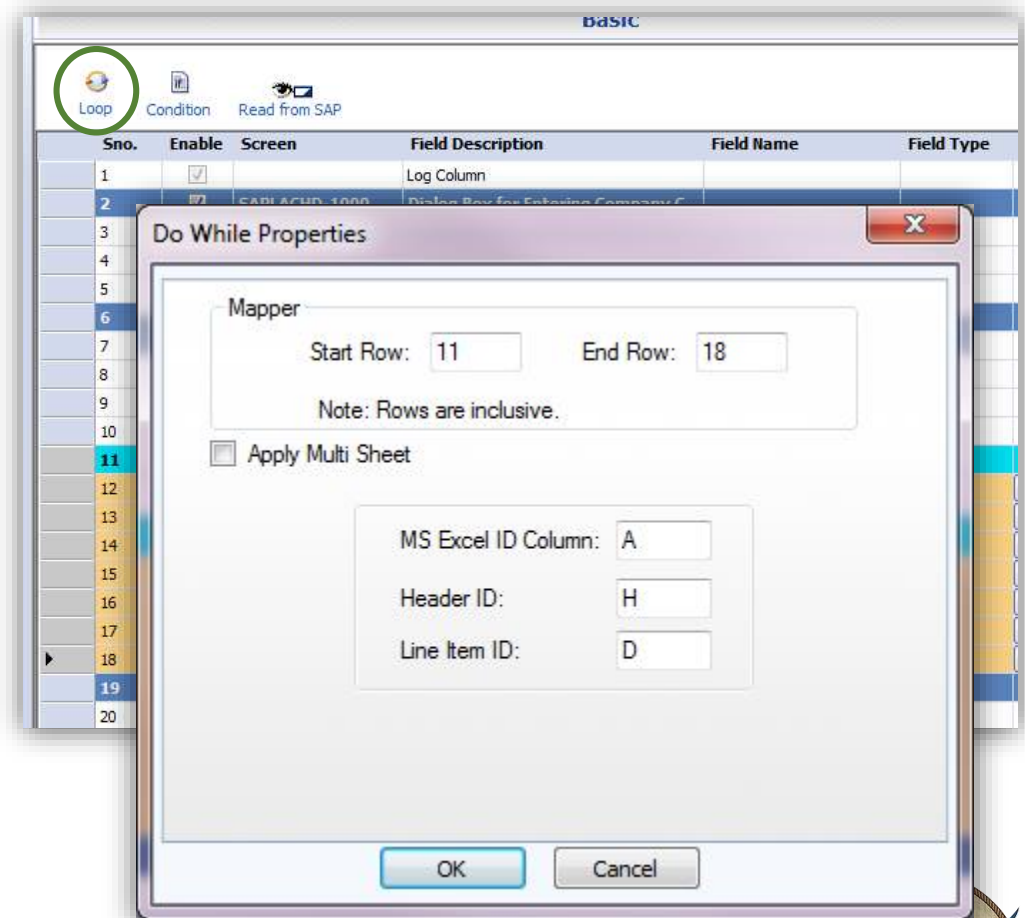
- Time: 4:20pm to 5:00pm (40 min)
- Functionality Overviews (10 min)
 - Creating a Loop
 - Condition Statements
 - Manual Additions to the Mapper
- Creating the Multifunctional BOM Script (15 min)
 - Building the Script
 - Executing the Script
- MultiLooping with Subitems (5 min)
- Questions & Comments (10 min)



Creating a Loop

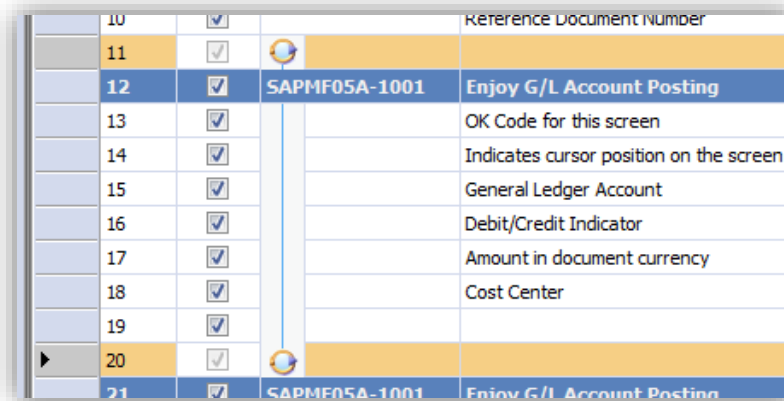
Where

- Expert tab
- Highlight rows
- Select Loop
- Loop Properties
 - Start/End Rows
 - Column
 - Identifiers



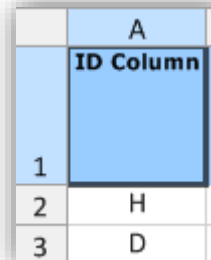
Creating a Loop

- Rows added



10	<input checked="" type="checkbox"/>		Reference Document Number
11	<input checked="" type="checkbox"/>		
12	<input checked="" type="checkbox"/>	SAPMF05A-1001	Enjoy G/L Account Posting
13	<input checked="" type="checkbox"/>		OK Code for this screen
14	<input checked="" type="checkbox"/>		Indicates cursor position on the screen
15	<input checked="" type="checkbox"/>		General Ledger Account
16	<input checked="" type="checkbox"/>		Debit/Credit Indicator
17	<input checked="" type="checkbox"/>		Amount in document currency
18	<input checked="" type="checkbox"/>		Cost Center
19	<input checked="" type="checkbox"/>		
20	<input checked="" type="checkbox"/>		
21	<input checked="" type="checkbox"/>	SAPMF05A-1001	Enjoy G/L Account Posting

- Template auto populated
- Delete Loop by deleting a row
- When not to apply a Loop

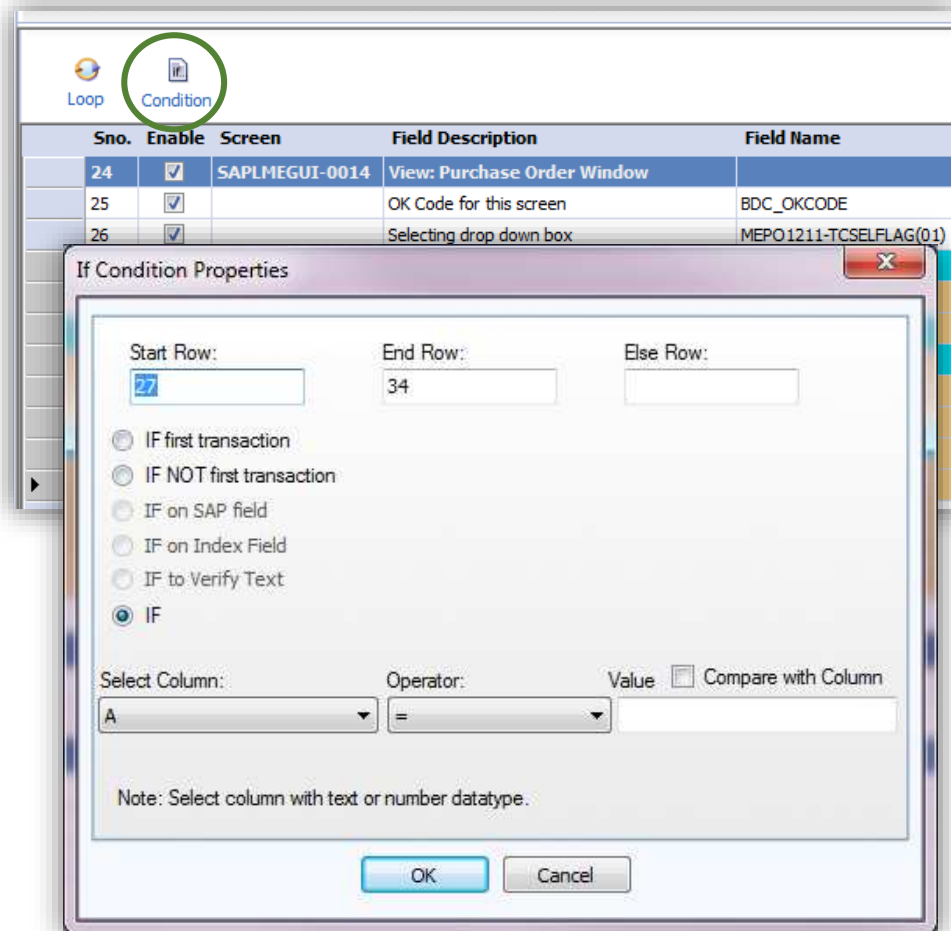


	A	
	ID Column	
1		
2	H	
3	D	

Condition Statements



Where

- Expert tab
- Highlight rows
- Select Condition
- Condition Properties
 - Start/End Rows



Condition Statements

- Rows added

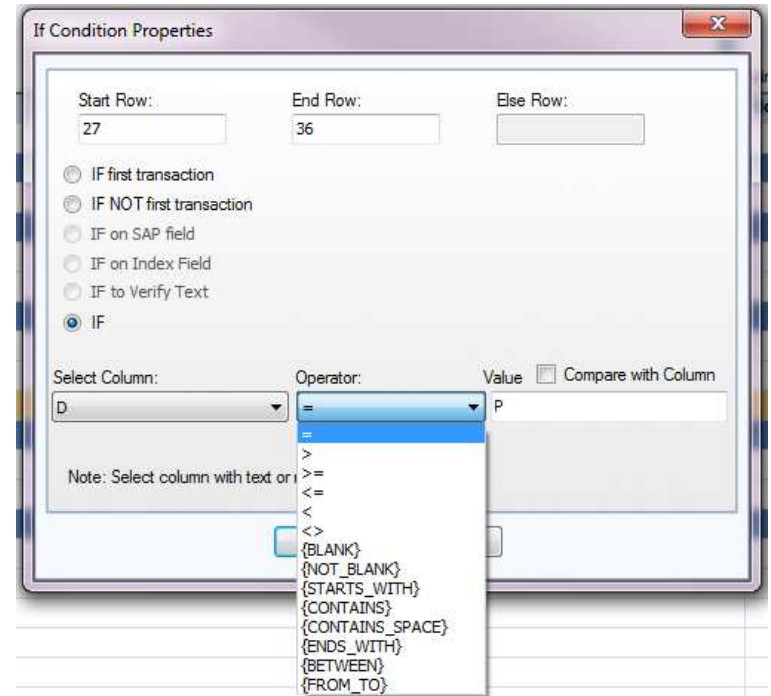
27	<input checked="" type="checkbox"/>			
28	<input checked="" type="checkbox"/>	SAPLMEGUI-0014	View: Purchase Order Window	
29	<input checked="" type="checkbox"/>		OK Code for this screen	
30	<input checked="" type="checkbox"/>		Account Assignment Category	
31	<input checked="" type="checkbox"/>	SAPLMEGUI-0014	View: Purchase Order Window	
32	<input checked="" type="checkbox"/>		OK Code for this screen	
33	<input checked="" type="checkbox"/>		G/L Account Number	
34	<input checked="" type="checkbox"/>		Cost Center	
35	<input checked="" type="checkbox"/>		Work Breakdown Structure Element (WBS)	
36	<input checked="" type="checkbox"/>			

- Delete Condition by deleting a row

Condition Statements

What

- IF first transaction
- IF NOT first transaction
- IF on SAP field
- IF on Index Field
- IF to Verify Text
- IF
 - Select Column, Operator, Value
 - Compare with Column








Manual Additions to the Mapper

How do I add it to the script?

Any field is editable in the mapper

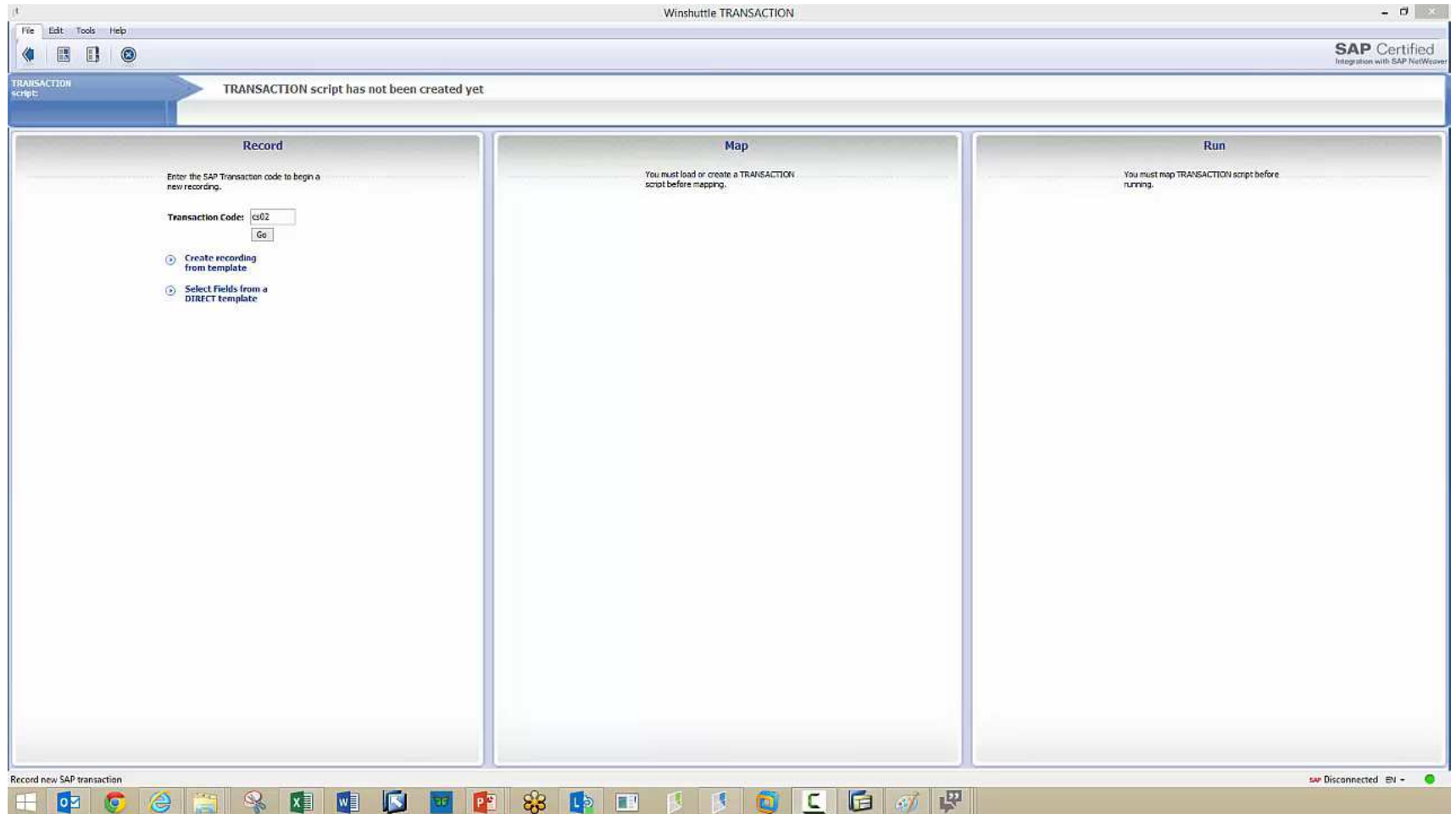
- Screen, Field Name, Value, etc.

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



Building the Multifunctional BOM Script



Executing the Multifunctional BOM Script

CS02-Multi-Function BOM Change - Excel

Winshuttle

TRANSACTION QUERY

Winshuttle Winshuttle

B2 Multifunction BOM Update

Multifunction BOM Update

		Header Level				Item Level					
LOG COLUMN	VALIDATION COLUMN	ID Column (H: Header, D: Item)	Material Number	Plant	BOM Usage	Alternative BOM	ADD, DELETE, REPLACE, UPDATE	BOM component	Component Quantity (Skip if Delete)	Component Unit of Measure (Skip if Delete)	BOM Component to be Replaced (Replace Only)
		H	WUG-DS-FG-03	1000	1						
		D					DELETE	WUG-DS-01			
		D					DELETE	WUG-DS-02			
		D					ADD	WUG-DS-14	1	EA	
		D					ADD	WUG-DS-15	1	EA	
		D					UPDATE	WUG-DS-03	2	EA	
		D					UPDATE	WUG-DS-04	2	EA	
		D					REPLACE	WUG-DS-16	2	EA	WS-DS-05
		D					REPLACE	WUG-DS-17	2	EA	WS-DS-06
		H	WUG-DS-FG-04	1000	1						
		D					DELETE	WUG-DS-01			
		D					DELETE	WUG-DS-02			
		D					ADD	WUG-DS-14	1	EA	
		D					ADD	WUG-DS-15	1	EA	
		D					UPDATE	WUG-DS-03	2	EA	
		D					UPDATE	WUG-DS-04	2	EA	
		D					REPLACE	WUG-DS-16	2	EA	WS-DS-05
		D					REPLACE	WUG-DS-17	2	EA	WS-DS-06

Sheet1



Multilooping with Subitems

CS02-Subitems - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW Winshuttle Doug Stepien

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles Conditional Formatting Insert Delete Format Cells AutoSum Fill Clear Sort & Find & Filter Select

A12 fx

WINSHUTTLE USER GROUP FORT WORTH 2014

Add Subitems BOM Update

Log Column	ID Column	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM RC29N-STLAL	BOM component RC29P-SELID	Subitem Number RC29U- UPOSZ(02)	Installation Point for Subitem RC29U-EBORT(02)	Sub-item quantity RC29U-UPHMG(02)	BOM sub-ite RC29U-UPTI
	H	WUG-DS-FG-01	1000	1						
	D					WUG-DS-01				
	D1						0001	c35	25	Ref Des
	D1						0002	c36	25	Ref Des
	D					WUG-DS-02				
	D1						0001	c36	50	Ref Des

Sheet1

READY 10/28/2014 12:35 PM



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Questions?

