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

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RENCI

Introduction





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

Sno.	Enable	Screen	Field Description		Field Name	Field Type
2	172	ile Properti	000 Dislos Roy for Entoring C	amaami E		x
5 6 7 8 9			rt Row: 11 En	d Row:	18	
10 11		Apply Mult				
12 13 14 15			MS Excel ID Column:	A		
16			Header ID:	Н		
18			Line Item ID:	D		
20						F
	-		ОКС	ancel		

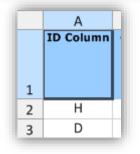
ORT WORT

Creating a Loop

• Rows added

		10	×		Reference Document Number
		11	1	Q	
		12	V	SAPMF05A-1001	Enjoy G/L Account Posting
		13	V		OK Code for this screen
		14	V		Indicates cursor position on the screen
		15	V		General Ledger Account
		16	V		Debit/Credit Indicator
		17	V		Amount in document currency
		18	V		Cost Center
		19	V		
	۲	20	1	O	
IJ		21	7	SAPME05A-1001	Eniov G/L Account Posting

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





Condition Statements

Where

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

24		Screen	Field Descriptio		Field Name
24 25	✓ ✓	SAPLMEGUI	-0014 View: Purchase OK Code for this so		BDC_OKCODE
25 26	V		Selecting drop dow		MEPO1211-TCSE
		operties			
s	tart Row	:	End Row:	Else Ro	w:
	27		34		
6	IE first tr	ansaction			
~		first transactio	20		
~	IF on SA		21		
	and a subscription	dex Field			
		rify Text			
۲					
Selec	t Colum	1:	Operator:	Value	Compare with Colun
A			<pre>▼] [=</pre>	*]	

RT WOR

Condition Statements

• Rows added

27	\checkmark		
28		SAPLMEGUI-0014	View: Purchase Order Window
29	~		OK Code for this screen
30	~		Account Assignment Category
31		SAPLMEGUI-0014	View: Purchase Order Window
32	~		OK Code for this screen
33	~		G/L Account Number
34	~		Cost Center
35	~		Work Breakdown Structure Element (WB
36	1		

• 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
- |F
 - Select Column, Operator, Value
 - Compare with Column

27		
	36	
IF first transaction		
IF NOT first transaction	1	
IF on SAP field		
🔘 IF on Index Field		
💿 IF to Verify Text		
IF		
Select Column:	Operator:	Value 🔲 Compare with Column
D	▼ =	P
Note: Select column with	text or 1 >= <=	
	{> {BLANK} {NOT_BLANK} {STARTS_WITH}	



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	\checkmark		Log Column			E
2	V	SAPMV45A-0102	Sales Document Init.screen Change			
3	1		Indicates cursor position on the screen	BDC_CURSOR	\$	VBAK-VBELN
4	1		OK Code for this screen	BDC_OKCODE	\$	/00
5	1		Sales Document	VBAK-VBELN	🛛 🗼 🔽	A
6	V	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

t Fie Edit Tools He	T	Winshuttle TRANSACTION	- 0 💉
And the second s	۵		SAP Certified
TRANSACTION script:	TRANSACTION script has not been created yet		
	Record	Мар	Run
	Enter the 547 Transaction code to begin a new recording. Transaction Code: 202 Co Co Co Create recording from template Select Fields from a DIRET template	You must load or create a TRANSACTION script before mapping.	Yau must map TRANSACTION script before normal.
Record new SAP transaction			💷 Disconnected 🖘 - 🛛 🌑
H 🔯 🧯) 🙆 📰 🦠 💵 🖬 🖬 🖬	👔 🖇 📭 🗉 👂 🚺 🚳 🛄 🥳 🥵	



Executing the Multifunctional BOM Script

ON QUERY													
e Winshuttle													
\star i \times \checkmark f_x Multifunction BO	M Update												
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LOG COLUMN	VALIDATION COLUMN	ID Column	Haterial Number	Plant	BOH Usage Alternativ	BOM ADD, DELETE,	BOM component		Component Unit	BOM Component			
LUG COLOFIN	VALIDATION COLOFIN	(H: Header,		PROFIL	borrosage Autemativ	REPLACE,	bors component	Quantity (Skip)	if of Heasure (Skip	to be Replaced			
		D: Item)				UPDATE		Delete)	if Delete)	(Replace Only)			
		н	WUG-DS-FG-03	1000	1								
		D	1000-00-10-00	1000	100	DELETE	WUG-DS-01		1				
		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			1	REPLACE	WUG-DS-17	2	EA	WS-DS-05			
		н	WUG-DS-FG-04	1000	1								
		D				DELETE	WUG-DS-01						
						DELETE	WUG-DS-02		0.890				
		D	-				WUG-DS-14	1	EA				
		D				ADD	a second s						
		D D D				ADD	WUG-DS-15	1	EA				
		D D D D				ADD UPDATE	WUG-DS-15 WUG-DS-03	1 2	EA				
		D D D D				ADD UPDATE UPDATE	WUG-DS-15 WUG-DS-03 WUG-DS-04	1 2 2	EA EA	W5-DS-05			
		D D D D				ADD UPDATE	WUG-DS-15 WUG-DS-03	1 2	EA	W5-D5-05 W5-D5-06			
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		D D D D D				ADD UPDATE UPDATE REPLACE	WUG-DS-15 WUG-DS-03 WUG-DS-04 WUG-DS-16	1 2 2 2	EA EA EA				
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Multilooping with Subitems

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		ID Column	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM			_	Subitem Sub-item qua	
		ID Column H	Material Number	Plant RC29N-WERKS	BOM Usage	Alternative BOM	BOM component RC29P-SELID	Subitem Number RC29U-	Installation Point for	Subitem Sub-item qua	
		ID Column H D	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component	Subitem Number RC29U- UPOSZ(02)	Installation Point for RC29U-EBORT(Subitem Sub-item qua 02) RC29U-UPMN	G(02) RC29U-U
		ID Column H	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID	Subitem Number RC29U-	Installation Point for	Subitem Sub-item qua	G(02) RC29U-U Ref D
		ID Column H D D1	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID	Subitem Number RC29U- UPOSZ(02) 0001	Installation Point for RC29U-EBORT(C35	Subitem Sub-item qua RC29U-UPHN 25	G(02) RC29U-U Ref D
		ID Column H D D1 D1	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID WUG-DS-01	Subitem Number RC29U- UPOSZ(02) 0001	Installation Point for RC29U-EBORT(C35	Subitem Sub-item qua RC29U-UPHN 25	G(02) RC29U-U Ref D Ref D
		ID Column H D D1 D1 D1 D1 D	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID WUG-DS-01	Subitem Number RC29U- UPOSZ(02) 0001 0002	Installation Point for RC29U-EBORT(C35 C36	Subitem Quarter Quarte	G(02) RC29U-U Ref D Ref D
		ID Column H D D1 D1 D1 D1 D	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID WUG-DS-01	Subitem Number RC29U- UPOSZ(02) 0001 0002	Installation Point for RC29U-EBORT(C35 C36	Subitem Quarter Quarte	G(02) RC29U-UI Ref D Ref D
		ID Column H D D1 D1 D1 D1 D	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID WUG-DS-01	Subitem Number RC29U- UPOSZ(02) 0001 0002	Installation Point for RC29U-EBORT(C35 C36	Subitem Quarter Quarte	G(02) RC29U-U Ref D Ref D
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		ID Column H D D1 D1 D1 D1 D	Material Number RC29N-MATNR	Plant RC29N-WERKS	BOM Usage RC29N-STLAN	Alternative BOM	BOM component RC29P-SELID WUG-DS-01	Subitem Number RC29U- UPOSZ(02) 0001 0002	Installation Point for RC29U-EBORT(C35 C36	Subitem Quarter Quarte	Ref Do Ref Do
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Questions?



