

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

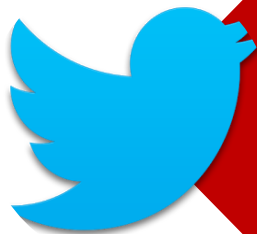
Doug Stepina, Solutions Engineer | Winshuttle, LLC



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

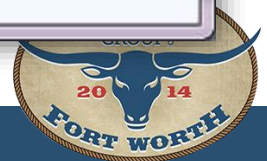
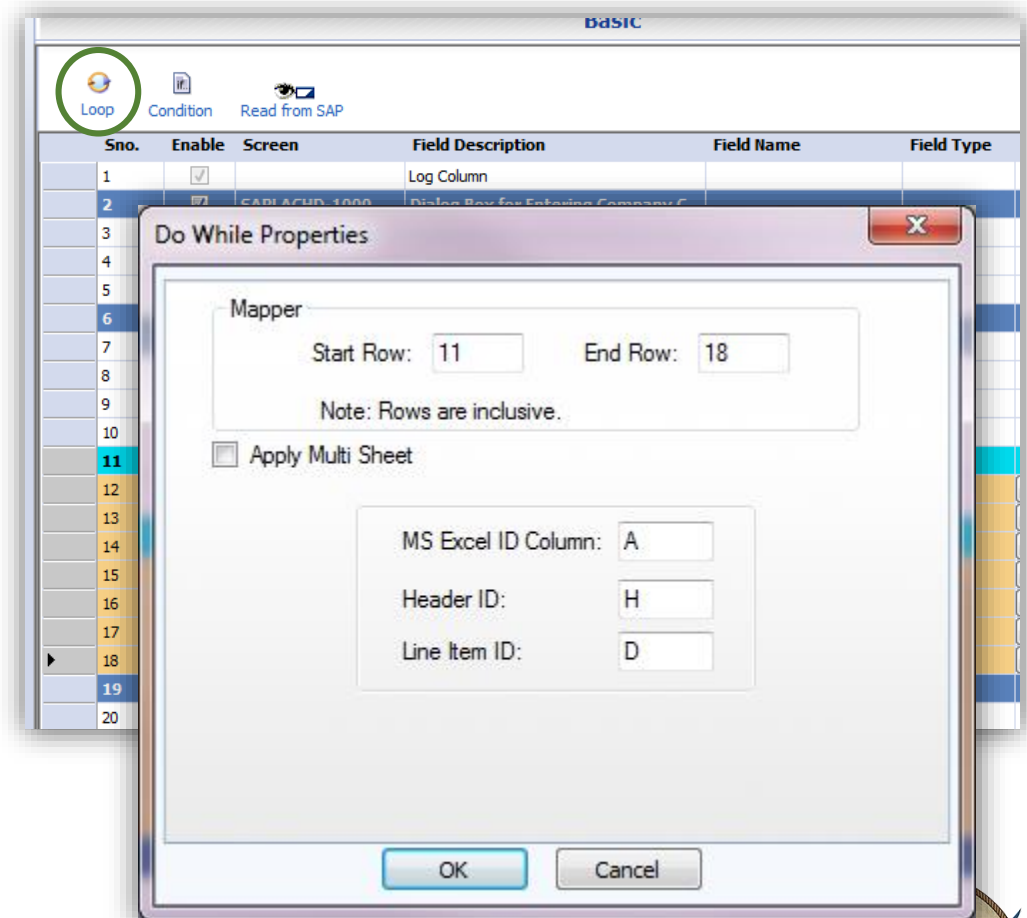
- Time: 4:20pm to 5:00pm (40 min)
- Functionality Overviews (10 min)
 - Creating a Loop
 - Condition Statements
 - Manual Additions to the Mapper
- Creating the Multifunctional BOM Script (15 min)
 - Building the Script
 - Executing the Script
- MultiLooping with Subitems (5 min)
- Questions & Comments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



Creating a Loop

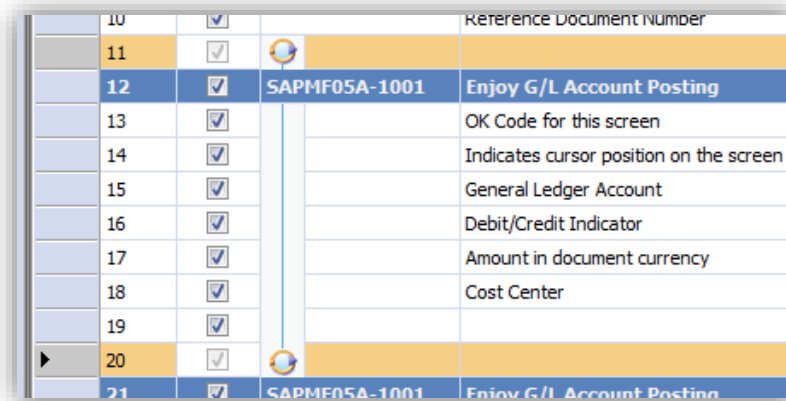
Where

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



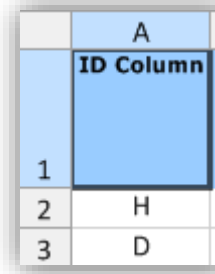
Creating a Loop

- 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"/> | SAPMF05A-1001 | Enjoy G/L Account Posting |
| 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

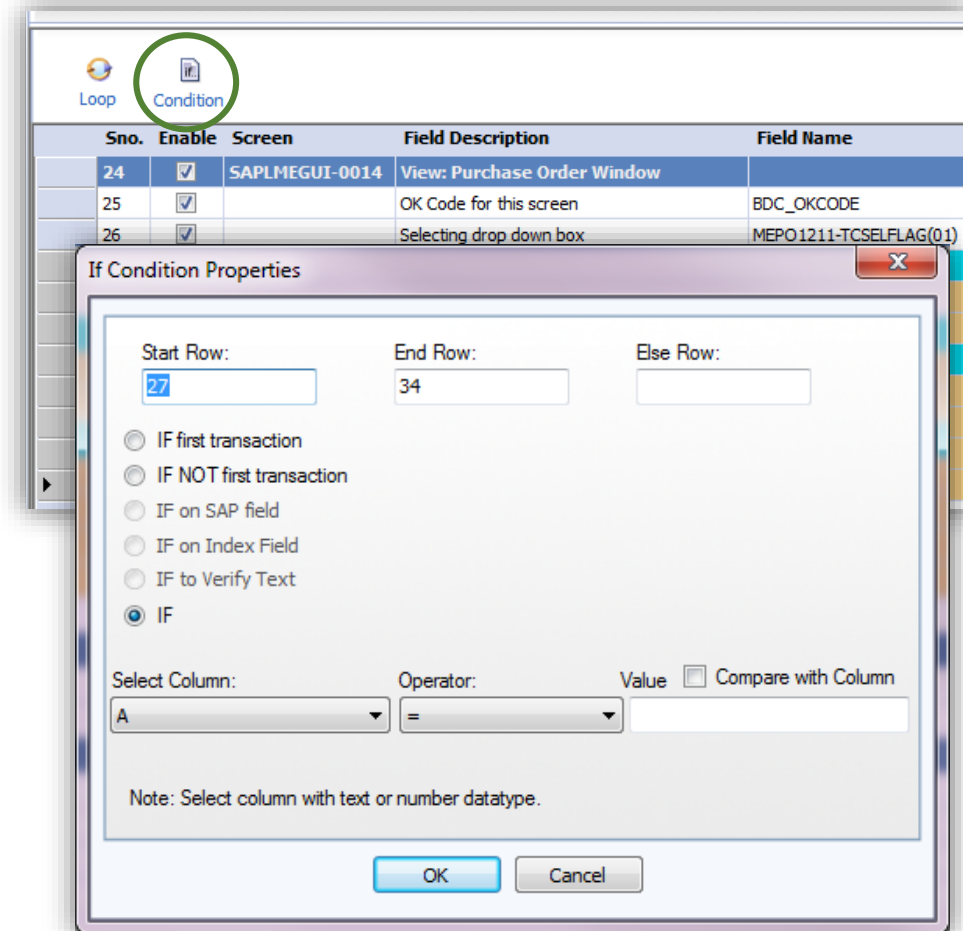


| | A |
|---|-----------|
| | ID Column |
| 1 | H |
| 2 | D |

Condition Statements



Where

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



Condition Statements

- Rows added

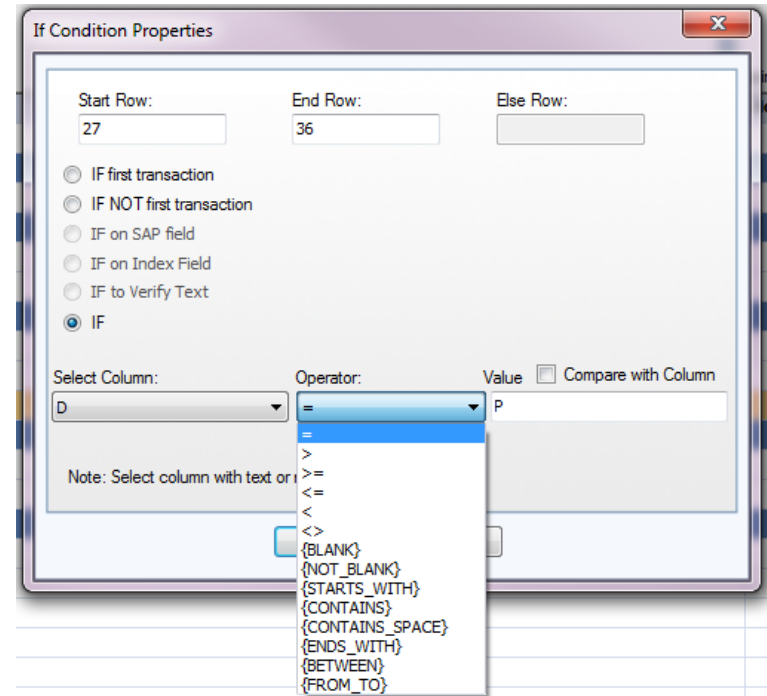
| | | | | |
|----|-------------------------------------|---|---------------|--|
| 27 | <input checked="" type="checkbox"/> |  | | |
| 28 | <input checked="" type="checkbox"/> | | SAPLMGUI-0014 | View: Purchase Order Window |
| 29 | <input checked="" type="checkbox"/> | | | OK Code for this screen |
| 30 | <input checked="" type="checkbox"/> | | | Account Assignment Category |
| 31 | <input checked="" type="checkbox"/> | | SAPLMGUI-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

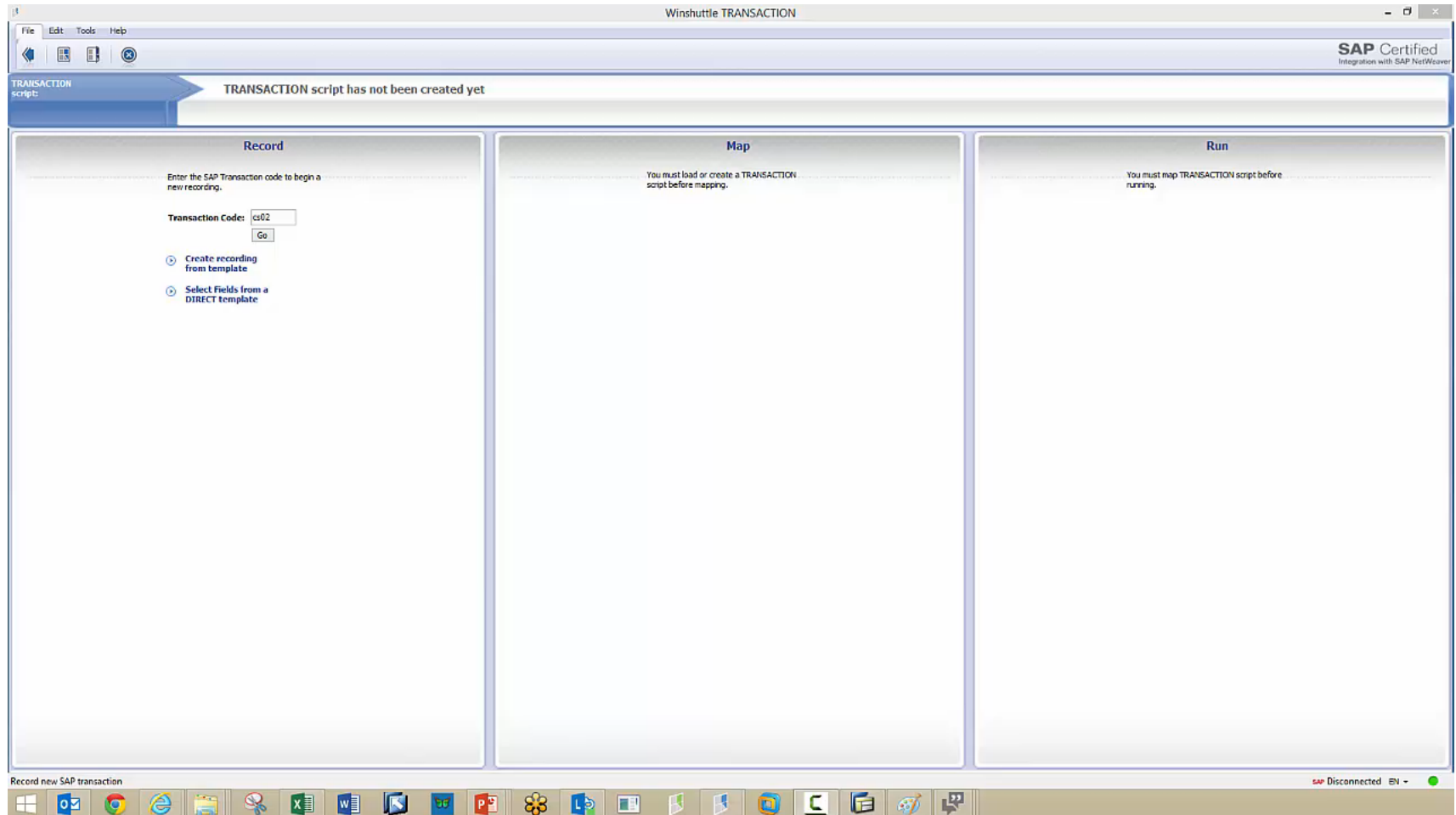
- Screen, Field Name, Value, etc.

| 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

| LOG COLUMN | VALIDATION COLUMN | Header Level | | | | Item Level | | | | |
|------------|-------------------|--------------------------------|-----------------|-------|-----------|-----------------|------------------------------|---------------|-------------------------------------|--|
| | | 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) |
| | | H | WUG-D5-FG-03 | 1000 | 1 | | | | | |
| | | D | | | | DELETE | WUG-D5-01 | | | |
| | | D | | | | DELETE | WUG-D5-02 | | | |
| | | D | | | | ADD | WUG-D5-14 | 1 | EA | |
| | | D | | | | ADD | WUG-D5-15 | 1 | EA | |
| | | D | | | | UPDATE | WUG-D5-03 | 2 | EA | |
| | | D | | | | UPDATE | WUG-D5-04 | 2 | EA | |
| | | D | | | | REPLACE | WUG-D5-16 | 2 | EA | W5-D5-05 |
| | | D | | | | REPLACE | WUG-D5-17 | 2 | EA | W5-D5-06 |
| | | H | WUG-D5-FG-04 | 1000 | 1 | | | | | |
| | | D | | | | DELETE | WUG-D5-01 | | | |
| | | D | | | | DELETE | WUG-D5-02 | | | |
| | | D | | | | ADD | WUG-D5-14 | 1 | EA | |
| | | D | | | | ADD | WUG-D5-15 | 1 | EA | |
| | | D | | | | UPDATE | WUG-D5-03 | 2 | EA | |
| | | D | | | | UPDATE | WUG-D5-04 | 2 | EA | |
| | | D | | | | REPLACE | WUG-D5-16 | 2 | EA | W5-D5-05 |
| | | D | | | | REPLACE | WUG-D5-17 | 2 | EA | W5-D5-06 |

Sheet1

READY



Multilooping with Subitems

CS02-Subitems - Excel

Winshuttle

Doug Stepina

Add Subitems BOM Update

| Log Column | ID Column | Material Number | Plant | BOM Usage | Alternative BOM | BOM component | Subitem Number | Installation Point for Subitem | Sub-item quantity | BOM sub-item |
|------------|-----------|-----------------|-------|-----------|-----------------|---------------|----------------|--------------------------------|-------------------|--------------|
| | 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 |



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Questions?

