Make first line make choice for all lines in a combobox

Summary	
Module	Universal Function - Line Loop
Level	Advanced
Requirements	4.0.0.0

Scenario

On a Purchase order we have a UDF call Color.

Jser-Defined Fields - Manage	Title	Description	-	Dft	Mand.	Index	Linked T	1
Category	Tibe	Description	Type	Drit	Mand.	Index	Linked I	
Master Data								1
Marketing Documents Title								
▼ Rows								
• Rows	Field Data							
	Title	Color	Description	Color				
	Туре	Alphanumeric	Length	8				
	Structure	Regular						
	Set Valio	d Values for Field						
	_							
	_							
	_							
							OLOR	
Document Freight Charges								
WTax Info								
Installments	Set Defa	a <u>u</u> lt Value for Field						
Package Content								
	Mandat	ory Field						
Assembly Rows								
Assembly Rows Payments								
Assembly Rows Payments Production								
Assembly Rows Payments	✓ Set Link	ed Table	COLOR		•			

This is linked to a UDT. We wish that every time we choose a color in the first row, it should pick this color for all rows.

urcl	hase Order					Pu	irch	ase Order							
end	or	⇔V10000				Ve	ndo	r	4	V10000					
lame	2	Acme Grupp	Acme Gruppen			Na	Name			Acme G	irupp	en			
ont	act Person	t Person 📫 Sarah Kierl 💌		-	Co	Contact Person 🔿 Sarah Kierl				-	Ð				
end	or Ref. No.					Ve	ndo	r Ref. No.				_			
PC	urrency	DKK				BP	^o Cu	rrency		DKK					
	<u>C</u> ontents		Log	gistics				<u>C</u> ontents		_		Log	,		
Iter	_	Item	Log	gistics (▼		Item	/Service Type		Item				•	
Iter #	<u>C</u> ontents m/Service Type Item No.	Item Color	Log		▼ Unit	_ i		_		Item Color			Quantity	•	U
#	m/Service Type Item No.		Log	Quantity		_ i	#	/Service Type			_	*		•	U
	m/Service Type		_		Unit	_ i	# 1	/Service Type Item No.		Color	1			• 1 1	
#			•		1	P	# 1	/Service Type Item No.		Color Blue	1	•			
# 1 2		Color	•	Quantity Blue	1	P	# 1 3	/Service Type Item No. A00001 A00002		Color Blue Blue	Ţ	•		1	
# 1 2 3		Color	•	Quantity	1 1 1	P	# 1 3 4	/Service Type Item No. → A00001 → A00002 → A00003		Color Blue Blue Blue	Ţ	• • •		1	
# 1 2 3 4	m/Service Type Item No. ⇒ A00001 ⇔ A00002 ⇒ A00003 ⇔ A00003	Color Blue Green	-	Quantity Blue Graen	1 1 1 1	P	# 1 3 4	/Service Type Item No. → A00001 → A00002 → A00003 → A00003		Color Blue Blue Blue Blue	Ţ	• • •		1 1 1	

Needed Configuration

In order to do so we make the following B1 Validation Configuration (Via right-click on the Color column)

urch	nase Order											
/end	or	⇒V100	00						No.	Primær	•	268
Vame		Acm	e Gruppe	n					Status			Open
Conta	act Person	📫 Sara	h Kierl		-	Ð			Postin	g Date		05.10.11
/end	or Ref. No.								Delive	ry Date		05.10.11
BP C	irrency	DKK							Docur	nent Date		05.10.11
Iter	<u>C</u> ontents n/Service Type	Item		ogistics	r	Accounting		Attac	hments Sumr	nary Type		No Summary
#	Item No.	Colo	r	Quantity		Unit Price	Disc	Tax Code	Total (LC)			Discount Am
1				•			0,0000	К1				(
				C <u>o</u> py Create Temp Get templat		2						
				Add Ro <u>w</u> Duplicate Ro	w		E					
			-	Add B1 Valid	datio	on configuration	•	When	n this colur	nn selectes	a nev	v value
			-	Edit B1 Valid	latio	n configurations		Other	r event			
				Create new t	tab							

B1 Validation Config	juration	
Name	Color change	Sort 100 Number 55
Users (Empty = All)		Include users Exclude users
Trigger		Condition
Formtype Item Column Row Menu Uid FormMode Event BeforeAction ActionSuccess ItemChanged InnerEvent CharPressed Comments	142 u 38 U_Color 1 u Add/OK/Update ▼ Combobox Select ▼ Ignore ▼ Ignore ▼ Ignore ▼ Ignore ▼ Ignore ▼ Ignore ▼	● No condition, just execute function ⇒ UF-011 ● Simple condition When item (column) Comparison type Equals Value Type Execute function String (0) ▼ ■ ● SQL Condition Common SQL structures ▼
		Condition result Function to execute
		Add line Remove line
Active OK Can	cel	Import Export

The trigger simply states that every time we are on a Purchase order, on item 38 (Lines) in column U_Color and Row 1 (Add after the right click) we catch the combobox select and execute a universal function.

NB: IT IS VERY IMPORTANT THAT YOU CHOOSE ACTION SUCCESS = TRUE (ELSE YOU CAN END UP IN ENDLESS LOOPS)

The Universal Function is of type Line Loop.

Code	UF-011		Remark	ks 🚺								
Name	Color				·							
Type	Line Loop	•										
Line item UID	38		✓ Igno	re last line		¥	Freeze durin	g line loop				
			🗸 Igno	ore text-line	es/sub-totals (Docs	s only) Di	rection		First to	last	•	
No condition	First pass UF	Line	UF 🔿 🛛	JF-010	Final result value	/ type			Overwi	rite	•	
SQL Condition											*	
				50	4							
				SQ	<u>IL</u>						Ŧ	
	Result	First pass UF	Line		Final result value		Final result ty;	26	В	reak loop	Ŧ	
	Result	First pass UF	Line				Final result ty; Overwrite	De	■ ▼	reak loop	v	Add
	Result	First pass UF	Line					De		reak loop		Add
Final result				≗ UF	Final result value		Overwrite		•	reak loop	*	
Final result	Condition	Value Type	2	e UF Compare	Final result value		Overwrite	De Universal Func	•	reak loop	×	Remov
Final result	Condition		2	e UF Compare	Final result value		Overwrite		•	reak loop	*	

It simply moves through all lines and execute UF-010 which is a Macro.

The UF-010 Macro only contains one Macro command.

Universal Fun	ction Configuration		
Code	UF-010	Remarks	
Name	Color		
Туре	Macro	*	
	Set(\$[\$38.U_Color.0] \$[\$	38.U_Color.0.FIRST]);	

It sets the current line in the Line Loop to the same value as the first line.