Changing the color of a single view column in a view Panel in an XPage By Melissa Snell LAN2LAN

This is what the view looks like in Lotus Notes:

Name	Supplier	Category	Unit Price £	Units in Stock
Alice Mutton	Pavlova, Ltd.	Meat/Poultry	39.00	0
Aniseed Syrup	Exotic Liquids	Condiments	10.00	13
Boston Crab Meat	New England Seafood Cannery	Seafood	18.40	123
Camembert Pierrot	Gai pâturage	Dairy Products	34.00	19
Carnarvon Tigers	Pavlova, Ltd.	Seafood	62.50	42
Chai	Exotic Liquids	Beverages	18.00	39
Chang	Exotic Liquids	Beverages	19.00	17
Chartreuse verte	Aux joyeux ecclésiastiques	Beverages	18.00	69
Chef Anton's Cajun Seasoning	New Orleans Cajun Delights	Condiments	22.00	53
Chef Anton's Gumbo Mix	New Orleans Cajun Delights	Condiments	21.35	0
Chocolade	Zaanse Snoepfabriek	Confections	12.75	15
Côte de Blaye	Aux joyeux ecclésiastiques	Beverages	263.50	17

This is because of a hidden column to the left of "Units in Stock" which has the "Use value as color" option enabled:



The column is hidden and its value is:

Γ	Untitled (Column) : Column Value
	Display C Simple Function C Field C Formula
	@lf(UnitsInStock<=ReorderLevel;255:0:0:-1:-1:-1:-1:-1:-1:-1:-1:-1)

To duplicate this effect in an Xpage:

Ensure that there are columns in the view that hold the data you will need to use to decide whether to change the color or not. In this case the field in question is "ReorderLevel", so a hidden column is added:

£		Units in Stock	F	Reorder Level
)0	25	0	-1, 0	
)0	25	13	-1, 2	5
łO	-1,	123	-1, 3	0
)0	-1,	19	-1, 0	
50	-1,	42	-1, 0	
)0	-1,	39	-1, 1	0
)0	25	17	-1, 2	5

Create a stylesheet (or modify an existing one). Add in a class with a background color: in this case 'redBackground'



Add the stylesheet resource that contains your class to the Xpage from the Styles tab of the Properties panel for the XPage

-	~		
Properties	× 🗗 Even	ts 🗙 🖹 Problems (0 items) 🗙	
XPage	No custom	formatting has been added	
Data	No custom	ionnatung has been audeu.	
Style	Class:		~
Font	Chalana] ·
Background	Styles:	Recently used styles	
Margins		Style sneets on page	
Resources		redBackground	
Navigation			
All Properties			
	Theme:		\
			-
		Add style sheet to page Remove	

1) From the Container Controls panel on the right-hand side of the Designer client, drag and drop a "View" Control onto the XPage. In the dialog box that appears, select the view and click OK

Select Data Source	e For View 🔀			
Select the kind of data (the data source) to show in the view. You can also select the data source later in the Data properties for this view control.				
Show data from: Domino view				
⊂Data Source: Domino V	iew			
Application:				
Ourrent	Training V N851Training pef			
Ocurrent				
O Other				
<u>V</u> iew:	Products\By Name			
Data source name:	productsBvName			
-				
Choose Domino view colu	imns to display:			
Programmatic Name	lite			
Products by Nan	e Name			
suppliername	e Supplier			
CategoryNa	me Category			
UnitPrice	Unit Price £			
\$5				
UnitsInStock	units in Stock			
√ \$6				
ReorderLeve	el Reorder Level			
	OK Select Data Source Later Cancel			

To get this:

🐴 Home	× Create r	new view or mo	dify an existing vie	w colorDem	o.css 🗙 🍿 Tra	ining\LN851	Training.nsf - XPage
				••••••		Previou	s 1 2 3 4 5 Next
Name	Supplier	Category	Unit Price £	\$ 5	Units in Stock	\$ 6	Reorder Level
Name	Supplier	Category	Unit Price £	\$ 5	Units in Stock	\$ 6	Reorder Level
			•				
			•				
			•	- - - -			

Hide the Reorder level column and column header by unticking the "visible" property check box. Also in this example, remove the columns \$5 and \$6 as these are not required

						Previou	s 1 2 3 4 5 Next
Name	Supplier	Category	Unit Price £	\$ 5	Units in Stock	\$ 6	Reorder Level
Name	Supplier	Category	Unit Price £	\$ 5	Units in Stock	\$ 6	Reorder Level
						- - - - -	
			•				
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Design Source		
Properties	🗙 🖅 Events 🗙 🖹 Problems (0 items) 🗙	
View Column	Name: viewColumn8	Column Display Properties
Data	Width:	✓ Display column values
Style		Content type: Text
Background	U Visible ♦	Show values in this column as links
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To give us a way of accessing the view data, in the properties of the view panel, go to "All properties" and under the data section set the "var" property to be "rowData"

🚊 🖟 Style Sheets	ľ			
Themes				
About Document	View	Property	Value	[
	Data	basics		
	Display	binding		
	Style	caption		
Application Properties	Fret	dir		
	Font	id	viewPanel1	
	Background	lang		
E Outline	Margins	loaded		
	All Properties	partialExecute		
		partialRefresh		
E Root Document		refreshId		
*** XML Processing Instruction		rendered		
🖃 🔛 XPage		rendererType		
xp:this.resources		summary		
🖃 🧰 View: viewPanel 1		title		
xp:this.facets		🖃 data		
			xp:dominoView	
View column: viewColumn1		first		
		indexVar		
View column: viewColumn3		pageName		
The view column: viewColumn4		rows	30	
		value		
View column: view Columno		var	rowData	
I view column: viewColumn8		format		
		cellpadding		
		cellspacing		
		height		
		showColumnHeader		
		showUnreadMarks		

Go to the column whose color you want to change - in this case "Units in stock". Go to the Style tab on the properties panel and click on the diamond to the right and click "Compute Value"

[Previou	s 1 2 3 4 5 Next
Name	Supplier	Category	Unit Price £	Units in Stock	Reorder Level
Name	Supplier	Category	Unit Price £	Units in Stock	Reorder Level
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		•			
		: : :		 	

Design Source			
Properties	× 🖅 Even	ts 🗙 🛃 Problems (0 items) 🗙	
View Column Data	No custom f	formatting has been added.	
Style	Class:		 <u>م</u>
Font	Styles		 Use static value
Background	Styles:	Recently used styles	Compute value
Margins		Style sneets on page	
All Properties		.redBackground	

Enter some JavaScript that will return the name of the class ("redBackground") if the units in stock are the same or less than the reorder level. To do this you will need to convert the values into numbers using parseInt or parseFloat (if you need decimal places) to compare the column values as numbers

Language: JavaScript (Server Side)
Condition:
⊙ Compute Dynamically ○ Compute on Page Load
try{
<pre>var qtyReorder=parseInt(rowData.getColumnValue("Reorder Level")); var qtyInStock=parseInt(rowData.getColumnValue("Units in Stock"));</pre>
<pre>if(qtyInStock<=qtyReorder){ return "redBackground" }</pre>
<pre>} catch(e){ print("<<<error "="" +="" =="" e="">>>"); }</error></pre>

Now preview and see the end result!

			Previous 1	2 3 Next
Name	Supplier	Category	Unit Price £	Units in Stock
Alice Mutton	Pavlova, Ltd.	Meat/Poultry	39.0	0.0
Aniseed Syrup	Exotic Liquids	Condiments	10.0	13.0
Boston Crab Meat	New England Seafood Cannery	Seafood	18.40000000000002	123.0
Camembert Pierrot	Gai pâturage	Dairy Products	34.0	19.0
Carnarvon Tigers	Pavlova, Ltd.	Seafood	62.5	42.0
Chai	Exotic Liquids	Beverages	18.0	39.0
Chang	Exotic Liquids	Beverages	19.0	17.0
Chartreuse verte	Aux joyeux ecclésiastiques	Beverages	18.0	69.0
Chef Anton's Cajun Seasoning	New Orleans Cajun Delights	Condiments	22.0	53.0
Chef Anton's Gumbo Mix	New Orleans Cajun Delights	Condiments	21.35	0.0
Chocolade	Zaanse Snoepfabriek	Confections	12.75	15.0
Côte de Blaye	Aux joyeux ecclésiastiques	Beverages	263.5	17.0