GNU/Linux Administration - Feature #638

Changing a Cell Background Color Based on a Conditional Statement in LibreOffice Calc

08/10/2015 05:12 PM - Daniel Curtis

Status:	Closed		**Start date:**	08/10/2015
Priority:	Normal		**Due date:**	
Assignee:	Daniel Curtis		**% Done:**	100%
Category:	Accounting Service		**Estimated time:**	0.50 hour
Target version:			**Spent time:**	1.50 hour

Description

I recently needed to have visual feedback for a pricing spreadsheet where I needed to see if the markup of a given price meets the minimum percentage of its originating price. This visual feedback would change the background of a cell to green if its listed price is greater than or equal to its vendor price, if not it will change to red. This is a guide on how to change the background color of a cell based on a conditional formula in LibreOffice Calc.

Create The Styles

- First create the "Red" and "Green" background styles. This can be done by going to the top menu and selecting Format -> Styles and Formatting, the same function can be accomplished by pressing the F11 key. This will bring up the Styles and Formatting section on the right hand side of Calc.

- Next right click in the Styles and Formatting section and click New.
  - Name the style "Green", then click the Background tab and select the green color.
  - Click OK when finished setting up the style.

- Next right click in the Styles and Formatting section and click New.
  - Name the style "Red", then click the Background tab and select the red color.
  - Click OK when finished setting up the style.

Apply the Formula

- Now that the styles have been setup, select the cell which the formula will be applied to and add the following formula, adjusting to suit your needs:

```
=A3 + STYLE(IF(D3>=(A3+(A3*0.15)),"Green","Red"))
```

  - NOTE: This will check if cell D3 has a 15% or more markup applied to cell A3 and change the background to green if true. If not, it will set to background color to red.

Resources

- http://ask.libreoffice.org/en/question/8041/calc-make-cell-red-if-the-value-is-above-given/
- https://help.libreoffice.org/Calc/Logical_Functions
- https://help.libreoffice.org/Calc/Operators_in_Calc

History

#1 - 08/10/2015 05:13 PM - Daniel Curtis

- Subject changed from Change a Cell Background Color Based on a Conditional Statement in LibreOffice Calc to Changing a Cell Background Color Based on a Conditional Statement in LibreOffice Calc

- Status changed from New to In Progress

- % Done changed from 0 to 50

#2 - 08/25/2015 10:36 PM - Daniel Curtis

- Status changed from In Progress to Resolved

- % Done changed from 50 to 100

#3 - 08/30/2015 09:56 PM - Daniel Curtis

- Status changed from Resolved to Closed