

## 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

<b>Status:</b>	Closed	<b>Start date:</b>	08/10/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	100%
<b>Category:</b>	Accounting Service	<b>Estimated time:</b>	0.50 hour
<b>Target version:</b>		<b>Spent time:</b>	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/Logical_Functions)
- [https://help.libreoffice.org/Calc/Operators\\_in\\_Calc](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*