

Business One in Action - Automatic Lines Shade in Print Layout Designer



Applies to:

SAP Business One, [Administration](#), [Printing](#), [Migration and Optimisation](#), [Customization](#), [General Migration and Optimisation](#).

Summary:

This article demonstrates how to create lines shade in a document using the Print Layout Designer.

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Author Bio:

Murielle Saliber joined SAP in 2002 and is currently active as Senior Support Consultant for SAP Business One. She has worked as both technical and business consultant. She answered partners' enquiries during the Expert-on-Phone project, where she consulted on mainly logistics, administrative, printing and data migratory topics.

Table of Content

Automatic lines shade in Print Layout Designer	3
Related Contents	9
Copyright	10

Automatic lines shade in Print Layout Designer

In Dr Computer Repairs, the management requires a report on every item used per computer repaired or rebuilt. It must show the origin of the part. This report shows every line in a production order per quarter.

As there are many lines, the production manager would like to have an alternation of shaded and un-shaded lines in the print out of the document.

To do so, they need to modify the layout of the report.

Note:

When reproducing this workaround, the unique id of the field might be different.

The workaround enables a shaded background behind every odd numbered row.

Field Index

Find Unique ID

Unique ID	Type	Content
▶ Repetitive Area Header1		
▼ Repetitive Area1		
F_300		Production Order:Document Number
F_301		Production Order - Rows:Item No.
F_302		Production Order - Rows:Base Quantity
F_303		Production Order - Rows:Planned Quantity
F_304		Production Order - Rows:Issued Quantity
F_305		Production Order - Rows:Warehouse
F_306		Production Order - Rows:Origin
F_308	T	
F_310	√	LineNum()/2
F_311	√	DecimalRight(F_310)
F_312	T	
Repetitive Area Footer1		
End of report		

Line with shade

Background

First select all the fields in the repetitive area. In the fields' properties -> Color tab ensure that there is no background no shade and no highlight. In the general tab of the first field, note the value in the left, top and height fields. Write down the sum of the left plus width fields in the properties of the last field in the line.

Field Index

Find Unique ID

Unique ID	T...	Content
▼ Repetitive Area1		
F_300		Production Order:Document Number
F_301		Production Order - Rows:Item No.
F_302		Production Order - Rows:Base Quantity
F_303		Production Order - Rows:Planned Quantity - Rows
F_304		Production Order - Rows:Issued Quantity
F_305		Production Order - Rows:Warehouse
F_306		Production Order - Rows:Origin
F_308	T	

Properties - Multiple Fields

General Content Format Border Colour

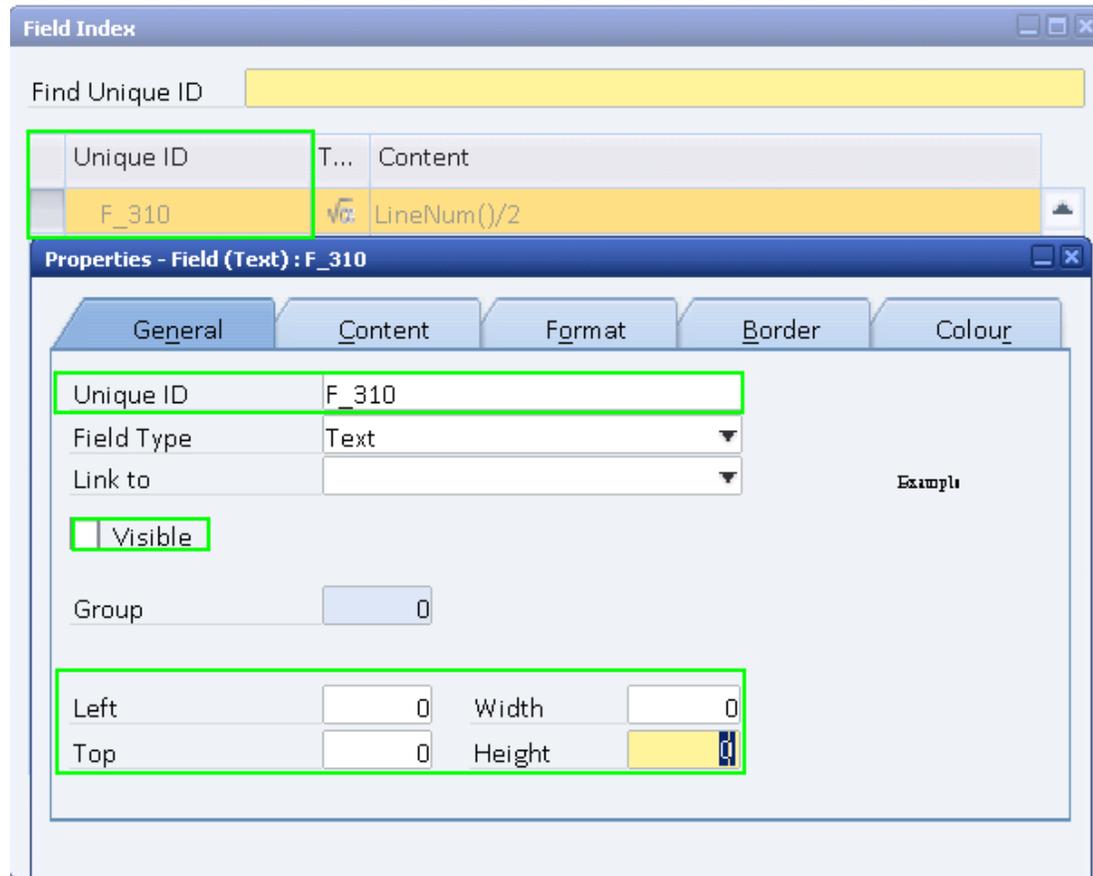
Text ...

Highlight ...

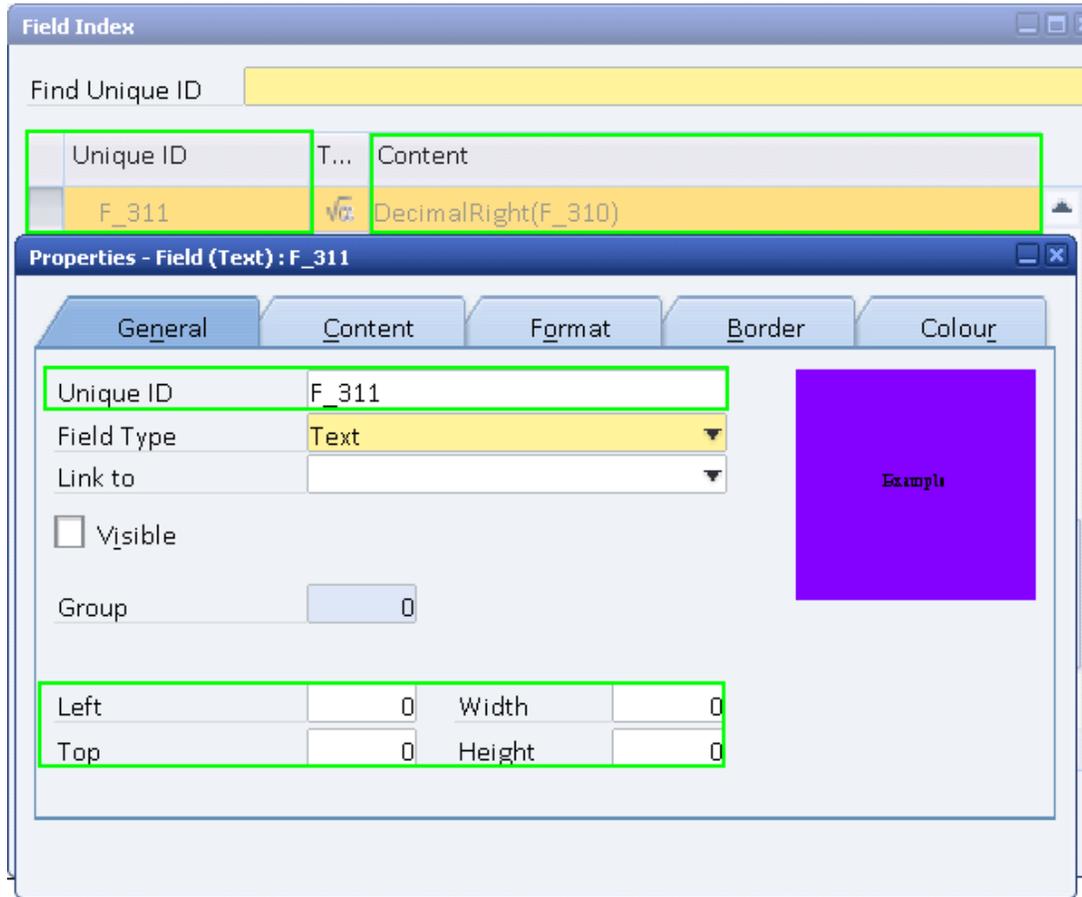
Frame ...

Background ...

Create a formula field (F_A), (F_310 in the screenshot) and insert the formula $\text{lineNum()}/2$. This formula gives all even fields an integer number while the odd will have a decimal value. The decimal value is then used to identify the line which should have a shaded background. Remember to mark this formula field as not visible and set its width, height, top and bottom fields to the value 0, please see the screenshot below. Note down the unique ID of this field.



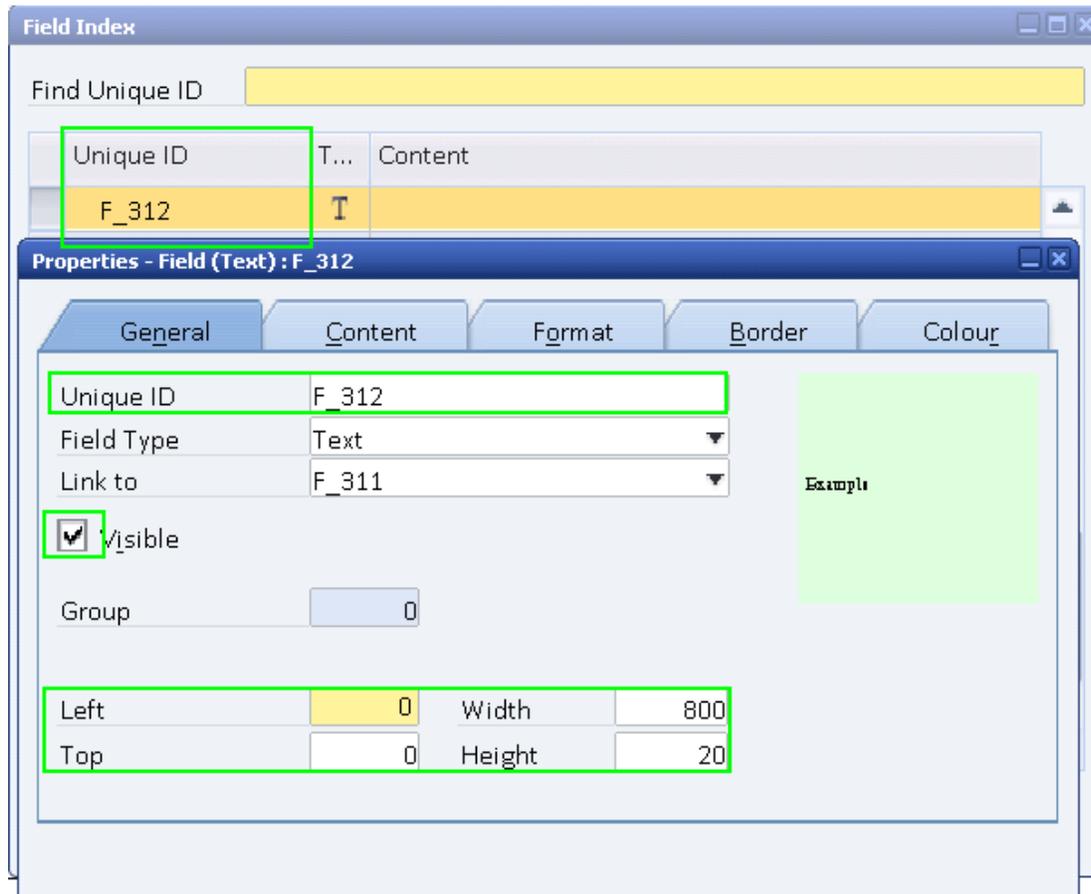
Create another formula field (F_B, F_311 in this example). Insert the formula : `DecimalRight(F_A)` from the formula Editor. In between the parenthesis enter the field ID for the `linenum()/2`. This field isolates the odd lines. Take note of the field id of this field. Again, like field F_A ensure that this field is also not visible.



Create a text field over the existing field of the line. In the general tab of the properties area under left, top and height enter the value of the first field of the line noted above. In the width field select the sum done above.



In the link field select the field ID of the decimal formula field: Field B. In this example Field F_311 is the decimal formula field



In the color tab select the shade color as a back ground and remove the frame and highlights.



Ensure that all the formula fields are invisible.

Save the report and preview.

OriginIn Production order-General Page 1 of 2

Date 24/08/2010
Time 5:33PM

Production Order-Origin-General

Parameters

DocuItemNo.		Quantity	ity - Rows	Quantity	Origin	Comments
1	A1006	1.000	50.000	50.000	01	
1	A1007	2.000	100.000	100.000	01	
1	A1008	4.000	200.000	200.000	01	
2	P1000	1.000	40.000	40.000	01	
2	P1002	1.000	40.000	40.000	01	
2	P1008	1.000	40.000	40.000	01	
3	A1006	1.000	1.000	1.000	01	Brand part New
3	A1007	2.000	2.000	2.000	01	Brand part New
3	A1008	4.000	4.000	4.000	01	Brand part New
4	A1006	1.000	5.000	8.000	01	New Local
4	A1007	2.000	10.000	16.000	01	New Local
4	A1008	4.000	20.000	32.000	01	New Local
5	A1006	1.000	20.000	0.000	01	New imported
5	A1007	2.000	40.000	0.000	01	New imported
5	A1008	4.000	80.000	0.000	01	New imported
6	A1006	1.000	20.000	0.000	01	New imported
6	A1007	2.000	40.000	0.000	01	New imported
6	A1008	4.000	80.000	0.000	01	New imported
7	A1006	1.000	20.000	0.000	01	New imported

Page 1 Continued on next page Printed by SAP Business One
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If on the shaded rows the first column is not displayed, in the properties of this field modify the *Left* value from '0' to '5'.

Related Contents

- [SAP Business One in Action Catalog Page](#)
- [Link to DRC](#) documentation
- Note [1499922](#)
- For more information, visit the [Business One homepage](#).

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