

Duplex Printer Tips

Product:	ARPEGGIO R&R Report Writer®	NIC:	N.A.
Version:	N.A.	Interface:	N.A.
Host:	N.A.	Oper Sys:	Microsoft® Windows® Microsoft Windows 95 Microsoft Windows NT®

Summary

This technical bulletin contains tips for using the ARPEGGIO Report Designer and the R&R Report Writer with duplex printers – printers that print both sides of the paper.

Pagination Issues

When you are printing single-sided reports, it's easy to insert a new page line wherever you want, for example after each group of records. However, when printing duplex, or double-sided, you may want to begin a new sheet of paper – not just a new page (i.e. side) after each group. This can be accomplished using the Logical Field property for Band Lines.

Approach

What we need to do is, in effect, insert one page break if a group ends on an even numbered page (the back) or insert two page breaks if a group ends on an odd numbered page (the front). We will create a calculated field and insert some new-page lines that use the calculated field for the logical field that determines whether to include the line in the report.

Calculated Field

To do this, we need to create a calculated field that determines whether the current page is even or odd. Let's create a calculated field named "Odd" that is defined by the following expression:

ODD(PAGENO())

This expression says: "If the page number is odd, return 'True', otherwise return 'False'".

New Page Lines

To insert the new page lines, select Insert → Create Band Line and insert two group footer lines in the appropriate group footer, and be sure to check the box labeled “New Page Line”.

In the band line window, right-click on one of the new page lines you just created and select Properties. For Logical Field, select the calculated field you created earlier, named Odd. Make sure “Print When True” is selected. Now click OK and test the report.

You should get one new page at the end of every group, regardless of whether the page is even or odd, and an extra new page if the group ends on an odd page, which will ensure the next group always begins on a new sheet of paper.

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