

Relative page numbers

This example shows how to use '[axf:origin-id](#)' to generate page numbers that are relative to the page on which another FO appears. `<fo:page-number>`, `<fo:page-number-citation>`, and `<fo:page-number-citation-last>` usually generate page numbers that are determined by the position of a page within the pages generated by its `<fo:page-sequence>`.

'axf:origin-id' contains a reference to the ID of an FO, and when you use 'axf:origin-id' with `<fo:page-number>`, `<fo:page-number-citation>`, or `<fo:page-number-citation-last>`, they instead generate page numbers that are numbered relative to the page of the first area generated by the FO to which 'axf:origin-id' refers.

The formula for the relative page numbers is:

$$[\text{ref-id page}] - [\text{origin-id page}] + 1$$

For `<fo:page-number>`, which does not have a 'ref-id' property, the "ref-id page" is considered to be the page on which the area generated by the `<fo:page-number>` appears.

In the following multi-page table, the table footer indicates the current table part. This uses <fo:page-number> to generate the part number, and <fo:page-number-citation-last> (with ‘ref-id’ referring to the ID of the containing <fo:table>) to generate the total number of pages for the table. Both FOs also have ‘axf:origin-id’ referring to the ID of the containing <fo:table> so that the page numbers are relative to the first page of the table.

<fo:table-header> repeated on every page
>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam bibendum tincidunt pharetra. Aenean ultricies molestie ante, sit amet ultricies nunc mollis id. Integer ut porttitor felis, vel tincidunt velit. Duis volutpat, quam quis aliquet tristique, nulla dui malesuada velit, et consectetur tellus ipsum et arcu. Ut tincidunt lorem erat, at elementum nibh varius consectetur.
Sed viverra metus quis nibh pulvinar, at dignissim nibh adipiscing. Duis sit amet ipsum non elit tincidunt sagittis ac non tortor. Mauris commodo, elit a imperdiet interdum, nulla velit viverra elit, at scelerisque urna est eget lacus. Integer eu lobortis neque. Donec malesuada sed arcu vitae
<i><fo:table-footer> repeated on every page. This shows the table part number and the total number of parts: 1/2</i>

<fo:table-header> repeated on every page

fringilla. Quisque imperdiet tortor iaculis, pulvinar neque sit amet, aliquet massa. Sed sed auctor purus. Vivamus nec turpis elementum, iaculis lorem in, pellentesque metus. Ut blandit tortor mi, ac bibendum felis varius vitae.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam bibendum tincidunt pharetra. Aenean ultricies molestie ante, sit amet ultricies nunc mollis id. Integer ut porttitor felis, vel tincidunt velit. Duis volutpat, quam quis aliquet tristique, nulla dui malesuada velit, et consectetur tellus ipsum et arcu. Ut tincidunt lorem erat, at elementum nibh varius consectetur.

Sed sed auctor purus. Vivamus nec turpis elementum, iaculis lorem in, pellentesque metus. Ut blandit tortor mi, ac bibendum felis varius vitae.

<fo:table-footer> repeated on every page. This shows the table part number and the total number of parts: 2/2