

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.

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<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

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