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:

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[ref-id page] - [origin-id page] + 1
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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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