

# Nested fo:page-sequence

Antenna House Formatter allows `<fo:page-sequence>` to be nested as a child of `<fo:flow>`. Adding graphics or inserting a page in the middle of other pages or creating columns for certain pages can easily be done by nesting `<fo:page-sequence>`. Another extension allows `<fo:flow>` to be omitted from `<fo:page-sequence>` to make an empty `<fo:page-sequence>`. This makes it possible to adjust the total number of pages by inserting blank pages at arbitrary positions. `<fo:page-sequence>` extension settings are available in Antenna House Formatter V6.3 and later.

## Nested `<fo:page-sequence>`

<pre>&lt;fo:page-sequence A&gt;   &lt;elements B&gt;   &lt;fo:flow F&gt;     &lt;elements C&gt;     &lt;fo:page-sequence P&gt;       ...     &lt;/fo:page-sequence&gt;   &lt;elements D&gt; &lt;/fo:flow&gt; &lt;/fo:page-sequence&gt;</pre> <p>This is processed as if it was the equivalent structure in the right-hand column.</p>	<pre>&lt;fo:page-sequence A&gt;   &lt;elements B&gt;   &lt;fo:flow F&gt;     &lt;elements C&gt;   &lt;/fo:flow&gt; &lt;/fo:page-sequence&gt; &lt;fo:page-sequence P&gt;   ... &lt;/fo:page-sequence&gt; &lt;fo:page-sequence A-cloned&gt;   &lt;elements B-cloned&gt;   &lt;fo:flow F-cloned&gt;     &lt;elements D&gt;   &lt;/fo:flow&gt; &lt;/fo:page-sequence&gt;</pre>
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In the equivalent structure shown above, `<fo:page-sequence>` A-cloned is not generated when elements D is not present, but also be aware that `<fo:page-sequence>` A is generated even if elements C is not present. For more details, see also “[<fo:page-sequence>](#)” in the Online Manual.

## Empty fo:page-sequence

```
<fo:page-sequence
  master-reference="blank"
  force-page-count="odd-document"
/>
```

When this `<fo:page-sequence>` is specified at the end of the document, a blank page may be generated to make the total number of pages be an odd number. (Similarly for ‘even-document’, to make the total number an even number).

In this sample: the base page size is A4; page 2 is an A5 page with landscape orientation; and page 3 is second nested `<fo:page-sequence>` with an A5 landscape-orientation page with three columns. An empty `<fo:page-sequence>` is included at the end of the document so a blank page is inserted as the last page and the entire document has an odd number of pages.

## **Nested <fo:page-sequence>: A5 (210×148) Landscape Orientation**

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**Nested <fo:page-sequence>: A5 (210×148) Landscape Orientation with three columns**

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**The page after the nested <fo:page-sequence> reverts to the base A4 page size.**

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