Right-alignment of last line of a paragraph

This sample shows how to right-align a string at the end a paragraph. For example, when the line contains an author name or company name at the end of a text, you can right-align the last line of the paragraph by using either <fo:leader> or the <axf:tab> Antenna House Formatter extension.

Using <fo:leader>

This example uses <fo:leader> to draw a horizontal line. text-align="justify" specifies that the entire paragraph is justified, while text-align-last="right" additionally specifies that the last line is aligned to the right. Two <fo:leader> separate the text and the right-aligned string. The default 'leader-pattern' value is 'space', which fills each leader with blank space. leader-length.optimum="100%" for the second <fo:leader> specifies its optimum width. A percentage value is a percentage of the width of the parent content area. '100%' specifies that the optimum width is the full width of the parent content area. In addition, keep-together.within-line="always" specified on the right-aligned string ensures that a line break does not occur in the middle of the string. If the right-aligned string fits on the same line as the text, it will be kept there, and if it doesn't fit, it will automatically be sent to the next line.

```
<fo:block-container text-align="justify" text-align-last="right">
  <fo:block>Lorem ipsum dolor sit amet, consectetur adipiscing cons equat elit...
    <fo:leader />
    <fo:leader leader-length.optimum="100%" />
    <fo:inline keep-together.within-line="always">Antenna House</fo:inline>
  </fo:block>
</fo:block-container>
```

Text and right-aligned string fit on the same line

If the text and right-aligned string fit on the same line, then the width of the first <fo:leader> is 0 due to text-align="justify", and the second <fo:leader> fills the remaining width, leaving the text on the left and the string on the right.

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Text and right-aligned string do not fit on the same line

If the text and right-aligned string do not fit on the same line, then the keep-together.within-line="always" ensures that all of the string is moved to the next line. text-align-last="right" causes the string to be aligned to the right. The space at the end of the text is filled with the space created by the first <fo:leader>, where the text-align="justify" ensures that the <fo:leader> extends to the end of the line. Without the first <fo:leader>, the last of the text would be justified to fill its line. The space from the beginning of the last line to the start of the string is filled by the second <fo:leader> because it has leader-length.optimum="100%".

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                                        Antenna House

Using <axf:tab>

This example uses <axf:tab> to define a tab stop. The <axf:tab> causes space to be left before the right-aligned string. axf:tab-stops="eol" specifies a tab position at the end of each line. axf:tab-align="end" aligns the end of the string with the tab position. Because of the <axf:tab>, there is space before the right-aligned string, because the string is aligned on the right by aligning the end of the string with the end of the line. For details, see <axf:tab> in Tab in the Online Manual.

```
<fo:block-container text-align="justify" axf:tab-stops="eol">
  <fo:block>Lorem ipsum dolor sit amet, consectetur adipiscing cons equat elit...
    <fo:inline keep-together.within-line="always"><axf:tab axf:tab-align="end" />Antenna House</fo:inline>
  </fo:block>
</fo:block-container>
```

Text and right-aligned string fit on the same line
The end of the string is aligned at the tab position at the end of the paragraph, which right-aligns the string.

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Text and right-aligned string do not fit on the same line
keep-together.within-line="always" is specified for the right-aligned string. When the text and string do not fit on the same line, the string is automatically sent to the next line. The tab position is at the end of the last line, making the string right-aligned on the last line.

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