

# Breaking Paragraphs into Lines (BPIL)

Line breaking is performed according to the line breaking algorithm by Knuth-Plass's Breaking Paragraphs into Lines. BPIL determines the break position considering the balance of the whole block. BPIL is available in AH Formatter V7.0 or later.

BPIL is applied to the following blocks:

- Blocks with [axf:line-break="bpil"](#) specified
- Blocks with no algorithm specified by ['axf:line-break'](#) but its language is specified by ['bpil'](#) in the Option Setting File

If [axf:line-break="line"](#) is specified, line breaking is performed one by one by a simple algorithm.

In ['bpil'](#) of the Option Setting File, specifies a language or script to apply BPIL to the line breaking algorithm by separating each code with a space. The default value is 'Latn Grek Cysl'. When a script is specified, it is considered that the language for which it is a representative script has been specified.

However, depending on certain conditions, BPIL may not apply. See [Line Breaking](#) for details.

This result is not justified, as the width of the space is clear. The width of the space at the end of the line is more even when BPIL processing is applied.

### **BPIL not applied**

Everyone is entitled to all the rights and freedoms set forth in this Declaration, without distinction of any kind, such as race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth or other status. Furthermore, no distinction shall be made on the basis of the political, jurisdictional or international status of the country or territory to which a person belongs, whether it be independent, trust, non-self-governing or under any other limitation of sovereignty.

### **BPIL applied**

Everyone is entitled to all the rights and freedoms set forth in this Declaration, without distinction of any kind, such as race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth or other status. Furthermore, no distinction shall be made on the basis of the political, jurisdictional or international status of the country or territory to which a person belongs, whether it be independent, trust, non-self-governing or under any other limitation of sovereignty.

BPIL processing is designed to minimize the occurrence of hyphenation.

**BPIL not applied, Hyphenation apply to this.**

Lorem Ipsum is simply dummy text of the printing and typesetting industry Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

**BPIL and Hyphenation apply to this.**

Lorem Ipsum is simply dummy text of the printing and typesetting industry Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.