
Sample

This sample is laid out with a style we recently used for a novel published by Genesis Press.

It features *Precision Typesetting* using the T_EX™ typesetting system developed by Donald Knuth and extended by many others. There are four ways to line up text evenly along both margins, achieving what is known as fully justified text. TeX uses just two,

1. Expanding or contracting interword space (word spacing).
2. Hyphenation of words.

Internally T_EX is programmed to view an entire paragraph at a time, and make the best fit of all the words of the paragraph, aligning all lines of text except the last one on both margins. Thus a problem on the next-to-last line may be solved by adjustments to earlier lines. The commercial product InDesign shares this capability because it is based in part on T_EX.

If you examine the right margin closely (perhaps by printing out a page and putting a ruler along the edge) you will note that certain



minor characters, particularly punctuation and hyphenation marks, where they occur, protrude just a bit.

This technique is called optical alignment or sometimes hanging punctuation. It creates the optical illusion of a perfectly straight margin, whereas a mechanically aligned margin will look a bit ragged because of the white space around the minor characters. Among the major page layout programs only \TeX and InDesign™ share this feature.

An important feature of \TeX which adds efficiency to the typesetting process is that it is *not* “WYSIWYG.”¹ The layout parameters are grouped in one place, and the text is created in a plain text editor without regard to layout details. This speeds up the authoring and/or editing process considerably. The input is reduced to raw text with an occasional tag which refers to a layout macro.

As a customer you are concerned with three things, quality, price and delivery schedule. At **Able Indexers and Typesetters** we can offer superior performance in all three aspects thanks to the quality of our tools and our years of experience with them. Please contact our references if you wish, and please contact us for your typesetting needs.

¹ What You See Is What You Get.