Expert systems in typography

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Abstract
Electronic publishing systems are providing authors with a tremendous amount of power formerly only available to printers: the choice of typographic design and layout. However, many authors use this power without the proper background, with potentially disastrous results. We have developed a prototype expert system that provides users of electronic publishing systems with the printer’s knowledge in computer form in one narrow area of the publishing field to aid them in preparing their publications.

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This article needs rewriting to enhance its relevance to psychologists. Please help to improve this page yourself if you can. An expert system, also known as a knowledge based system, is a computer program that contains the knowledge and analytical skills of one or more human experts, related to a specific subject. This class of program was first developed by researchers in artificial intelligence during the 1960s and 1970s and applied commercially throughout the 1980s. Old & new typography systems (Note that I kept color variations for 13/20 outside of the typography system definition. 13/20 takes black color for most everything except when used as links (blue), error text (red), placeholder text (gray). Headers do not take any other font-weight variation other than what has been specified.)

10 PRACTICAL STEPS. Steps 1 & 2 are relevant only if you are starting out with an existing typography system that needs to be redefined. If you are starting to build a typography system from the very beginning, start from step 3. Also, I have made an assumption h