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TEX and/or XML: good, bad and/or ugly

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ABSTRACT.   As a typesetting engine, TEX can work pretty well with structured input. One can build interfaces that are reasonably well to work with and code in. XML on the other hand is purely meant for coding, and the more rigorous scheme prevents errors and makes reuse easy. Contrary to TEX, XML is not equivalent to typesetting, although there are tools (and methods) to easily convert the code into other stuctured code (like HTML) that then can be handled by rendering engines. Should we abandon coding in TEX in favor of XML? Should we abandon typesetting using TEX in favor of real time rendering of relatively simple layout designs? Who are the good and bad guys in that world? And even more importantly: to what extent will document design (and style design) really change?

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