Meta-Document Construction[†]

Scott R. Tilley Kenny Wong

Department of Computer Science, University of Victoria P.O. Box 3055, Victoria, BC, Canada V8W 3P6 Tel: (604) 721-7294, Fax: (604) 721-7292 E-mail: {stilley, kenw}@csr.uvic.ca

Abstract

The publishing of electronic documents offers several advantages over traditional paperbased media. This is particularly true for large-scale documents, where the cost of preparing, producing, and distributing the camera-ready copy is significant. This paper describes an approach to electronic document delivery by which electronic conference proceedings and other technical documents can be published semi-automatically. The approach specifies an end-to-end work flow process that employs easily available UNIX tools and common language-based document formats such as IAT_EX and PostScript. Meta-documents and a split/join transformation allow the process to be invoked at arbitrarily higher levels. For example, papers can be assembled into proceedings, proceedings can be assembled in turn into a larger collection, and so on. This technology has been successfully used to produce conference proceedings, compendia, and reference manuals.

Keywords: Electronic document delivery, IAT_FX, meta-documents, PostScript, publishing.

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