

# Custom Book Publishing and Production Using XML, JDF, and PDF

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## **Abstract**

In this paper we describe a system that we have built for the production of customized, digitally printed, soft-cover books. The customized content for the book is created by referencing XML (DocBook DTD) content which is stored in a Documentum repository. This content is turned into PDF via XSL:FO. The digital production phase of these books is managed using JDF. The production order submitted as a JDF Product Description and it is converted into a Process description by our planning system. The job is executed by our JDF workflow orchestrator that sequences the job across multiple JDF “devices” using the JDF Message Format (JMF). The system is layered on top

of the Xerox JDF Toolkit which includes Java classes generated from the JDF schema as well as a data-binding parser.

## **Biography**

**Lee Moore** is a twenty-one year veteran of the research and development division of Xerox Corp., Rochester, NY (USA). During that time he has worked on a variety of topics around distributed systems and imaging. He has degrees in Computer Science from the University of Maryland and the University of Rochester. Recently, he has been a lecturer in the IPA's JDF Expert Certificate Program.