



Key Personnel

Alan Houser

Principal
Group Wellesley
933 Wellesley Road
Pittsburgh, PA 15206
Tel: 412.363.3481
Fax: 412.363.3482
arh@groupwellesley.com
www.groupwellesley.com

Education

Alan is a graduate of Carnegie Mellon University, Pittsburgh, PA, where he earned a M.A. in Professional Writing in 1989 and a B.S. in Electrical Engineering in 1987. Alan is an IBM Certified Developer in XML and Related Technologies and an Adobe Certified Expert in FrameMaker Versions 6.0 and 7.0. Alan holds the CTT+ technical training certification from CompTIA (Computer Technology Industry Association).

Community

Alan is President of the Pittsburgh Chapter of the Society for Technical Communication (STC). Alan is also active in the Pittsburgh Markup Language Users' Group (PittMark).

Alan frequently makes presentations to the Pittsburgh STC chapter and PittMark on topics including XML transformation language (XSLT), DocBook XML DTD, XML authoring tools, and creating XML documents in existing publishing workflows.

Client Support

Alan applies technical solutions to clients' document production and publishing problems. His expertise in a variety of programming languages, tools, and delivery formats allows him to create solutions using the most appropriate tools.

Alan is experienced with FrameMaker and FrameMaker+SGML, and has created publishing solutions based on XML and SGML. He also creates programs for task automation, automatic document processing, and database publishing based on languages including Perl, XSLT, and Visual Basic.

Alan's consulting support helps companies determine the most appropriate tools and processes for publishing and re-using content. He also provides training to client staff in using tools and processes. He provides corporate training in XML, FrameMaker, FrameMaker+SGML, and individual consulting.

Published Works

Alan has authored the following books and journal articles:

"Creating XML Content," *Intercom*, a publication of the Society for Technical Communication, Sept/Oct 2002.

XML Weekend Crash Course, Hungry Minds, Inc., co-authored with Kay Ethier, September 2001.

"Trends in XML Software," *Intercom*, a publication of the Society for Technical Communication, January 2001.

Alan has also presented the following papers at national conferences:

"Migrating to Structured FrameMaker," presented at the 2002 FrameUsers Workshop, Durham, North Carolina, September 2002.

"XML Schemas for Publishing Applications," presented at XML 2001, Orlando, Florida, December 2001.

"FrameMaker and XML: What Can I Do Now?" and "Using Style Sheets to Publish XML to the Web," presented at the 2000 FrameUsers Conference, San Diego, California, November 2000.

"Single-Source Publishing with FrameMaker+SGML and Perl," presented at the 1999 FrameUsers Conference, Minneapolis, Minnesota, November 1999.

Project Work

Group Wellesley provides writing, consulting and training services. Some of Alan's recent project work includes:

ANSYS – Created XSLT style sheets to transform XML documentation source files to HTML (more than 3,000 files) for delivery to customers. This project involved modifying DocBook's standard XSLT style sheets to create HTML customized to the customer's online documentation format. This project required approximately 1,000 lines of new XSLT code.

Nortel Networks – Created a custom database publishing application to convert Nortel Networks' online training information from HTML to FrameMaker to support CD-ROM delivery of the Nortel Networks training catalog. The application was written in Perl and supported multiple languages, including English, Spanish, and Portuguese.

Square D – Created Visual Basic and AppleScript applications for automatic format conversion of technical illustrations.