

XML: A New Web Site Architecture

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As Web sites have grown in size, complexity, and prominence over the past five years, Web site management has become a growing concern for Webmasters, system administrators, and organizations as a whole. According to this paper, new technology is helping to resolve the challenges of growing Web sites. While HTML Web pages require maintenance on a page by page basis, eXtensible Markup Language (XML) can streamline maintenance by enabling a single change in a root document to change each format of that document throughout the site.

This paper is based on CTG's presentation series entitled **XML: From Static to Dynamic Web**, which laid out the challenges of cutting-edge Web site management - involving content, layout, and style - and the effective solutions offered by XML (eXtensible Markup Language). This paper discusses challenges, examples of code, Web redesign analyses, and practical advice for using XML for site management.