

EMC Technical Publications Management

Leveraging XML to manage the complete lifecycle of technical publications

The Big Picture

- Powerful, tightly integrated capabilities for managing the complete information lifecycle for all types of technical publications information and enabling collaboration at every point in the process
- A unified content repository enabling the creation, management, localization, transformation, and delivery of technical information at any level of granularity
- Seamless integration with leading XML authoring tools
- Automated workflows for streamlining business processes and ensuring compliance
- Support for XML standards and custom document types

Products as diverse as household appliances, software, computers, cars, and airplanes all come with a set of technical product documentation, including user manuals, installation and setup guides, and maintenance manuals. It all adds up to an ever-increasing volume of information published in a variety of formats and languages. Enterprises around the world are turning to solutions that leverage XML-based standards—such as DITA, Docbook, and S1000D—to manage their technical publications. And they're turning to EMC® Documentum®, an XML-based content management platform that features seamless integration with XML authoring tools.

Reducing duplication and cutting costs with an XML-based platform

Key to reusing more and re-creating less is deciding upon a common content format. XML is the open standard file format that facilitates content sharing among knowledge workers and between different systems and applications. The XML-based Documentum platform reduces costs by enabling technical writers and authors in different functional areas to reuse rather than reinvent content. With Documentum you can:

- Manage content at a much more granular level, thus increasing the likelihood that a particular piece of content can be used without modification
- Automate the assignment of attributes to content so that writers spend less time describing their content
- Leverage advanced search techniques to enable writers to easily find, reuse, and repurpose content
- Manage images and other types of rich media in a common content repository
- Separate content from structure and format, using external DTDs or schemas to control the document structure
- Leverage automatic transformation and publishing capabilities to package information for different delivery channels
- Significantly reduce costs associated with localization by focusing translation efforts on only the content that has changed

Key XML capabilities in EMC Documentum

- High-performance, native XML repository
- Seamless integration with leading XML authoring tools
- Full support for schema and DTD validation, configurable for any schema
- Ability to configure chunking and reuse at any level of granularity
- Support for linking standards such as conref and XLink
- Support for XML transformations
- Sophisticated XML searching capability across XML structure, content, and metadata, with full support for the XQuery standard

In addition, core capabilities of EMC Documentum include workflow, lifecycle management, native collaboration, security, automatic retention, audit trails, and an easy-to-use, web-based interface.

Support for leading XML standards for technical publications

Together, EMC and our XML technology and professional services partners provide an end-to-end solution for organizations using XML standards such as DITA, Docbook, and S1000D. Native XML support in Documentum enables customers to fully leverage these leading XML standards, reducing the cost and time involved in implementing an XML-based technical publications solution.

EMC Documentum is the leading XML-based enterprise content management platform, primarily because of the extensive support for XML combined with rich content management, collaboration, and business process management.



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