



[March 2008]

[ConteX]

Your Key Component to Innovative
Documentation

[Using Content Component
Management to boost your content
authoring, management,
publishing and translation
capabilities.]

[Whitepaper]

Over the last decade, *documentation* has become an intense and complex task that requires ever increasing resources from engineers, content authors, product managers and support personnel.

There have been several developments in the field of *documentation*, which results in an increased need for investment in *documentation* production and maintenance. These developments include:

- Increased level of documentation complexity
- Increased need for documentation flexibility to support a wide array of audiences.
- Consumers use multiple devices and media channels: Online, Print, PDA's, Laptops (off line) and others.
- Multi-language content to support global operations.

Content component management (CCM), provides a new approach to documentation authoring, management, and publishing. CCM provides a solid infrastructure that supports the latest developments in the *documentation* field, while providing the tools to enhance efficiency and content quality.

ConteX provides a complete CCM solution. The **ConteX** approach views documents as a composite of components. This approach creates a range of new ways to achieve efficiency and a substantial reduction of the resources involved in creating, managing, translating and publishing documentation.

ConteX was designed especially for managing product documentation (marketing, legal, and technical). The solution enables writers, engineers, subcontractors and others involved in the content creation process, to collaborate using **ConteX**'s web service architecture.

» Product Highlights

- ConteX enables creation and management of content components using standard MS Word and Adobe FrameMaker editors
- "Topic Mapping" based content taxonomy
- Publishes content components (document assembly) to standard documents
- Seamlessly publishes content to multiple formats such as: PDF, HTML, Help Applications, XML.
- Technical Documentation Workflow management
- Content configuration management (versioning, archiving, check-in/out, links)
- Advanced documentation project editing (copy by reference, project customized Meta data, users and roles etc').
- Completely browser based application.
- Interface with other corporate applications such as: ERP/MRP, PDM, DMS.
- User's authorization control on a component basis.

» Enhance Authoring with Content Reuse

Content creation and maintenance has become an increasingly complex task. The authoring process has remained unchanged for more than two decades. While the authoring tools have become more user friendly with enhanced features, the main task of creating new content has remained virtually the same.

Content Reuse is a breakthrough in content authoring that dramatically reduces the resources required to write and maintain large documentation sets. With **ConteX**'s intelligent indexing and categorization engine, users can easily locate and reuse content components.

ConteX maintains a single source of each content component. This "Single Source" method enables users to edit a content component, and then automatically update any *documentation* set that uses the same content element. This directly reduces the cost of ongoing documentation maintenance, and ensures high updatability and information accuracy.

» Create "Flexible" Content

The **ConteX** architecture enables authors to create documentation that is tailored for different types of users. Authors can categorize each content element according to a variety of audiences, and then use **ConteX** filters to produce custom documents for each audience.

The flexibility of the component based content architecture enables authors to manage a single document or documentation set that supports different product versions, multiple customers, and other custom parameters. This avoids confusion and ensures that users receive the exact content they need. The documents are minimalistic and easy to use.

» Content Component Lifecycle Management

ConteX manages content components. Each component is managed as a separate entity, and has its own version, status, and authorization limitations. Each **ConteX** function can be applied to a single element, including: check in/out, search, categorization, linked source material, copy/move, and copy by reference.

»Multi Channel Publishing

Content stored in the **ConteX** repository can be published to any combination of the following formats:

- PDF: High resolution for print, and low resolution for web.
- Compiled HTML Help, Web Help, Java Help.
- IETM/IETP – Support class IV and V.
- SGML according to iSpec2000, S100D and other related standards.
- HTML, XHTML, cHTML, WAP.
- Textual files suitable for handheld devices.

Using the **ConteX** publishing wizard, users do not need to learn and support the variety of tools used to publish content to multiple channels. The **ConteX** publishing processes include activation of filters to publish custom documents, setting variable values, and selecting conditional text (in both Microsoft Word and FrameMaker).

»Translation Management – Reduce Translation Costs While Insuring Higher Quality

ConteX includes a Translation Management module, which provides a set of tools that control the entire translation process and help to achieve immediate cost reduction.

The translation management module provides the following capabilities:

- *Multilingual element management*: **ConteX** stores the translated languages together with the source language as part of a single, unified content element.
- *Reduce word counts by avoiding content repetitions*: when a content component is reused, its various language layers are being reused too. Each content element is translated only once across the entire content repository.
- *Avoid useless DTP work*: when using standard translation memory tools document restyling is an inevitable result of the actual translation processes. **ConteX** can export Microsoft Word or FrameMaker files as packaged translation memory ready XML files, reducing or eliminating the restyling effort.
- *Control the translation process*: Use **ConteX** workflow module to manage the entire translation process. You can define the exact translation process to be implemented and let **ConteX** manage the process for you, while providing detailed reports regarding the project status and problematic issues.



»Full Support for the Emerging DITA Standard

The **ConteX** DITA edition supports the new DITA standard. **ConteX** can manage content topics, categorize them according to the DITA architecture, and generate the required maps, reference tables, and links as required by the DITA standard.

The **ConteX** DITA edition allows:

- Automatic generation of the required reference tables, DITA VAL, and DITA maps.
- Built-in integration with the Open Source Toolkit in order to produce PDF and CHM files.

»Supports Standard Authoring Tools

One of **ConteX**'s unique capabilities is its support of a range of authoring tools. Authors can use Microsoft Word, Adobe FrameMaker or an XML editor, and utilize **ConteX**'s entire set of features. Authors are able to use multiple authoring tools simultaneously.