PTC Arbortext® Solution for DITA

The industry's only complete, fully integrated solution for DITA

DITA–Darwin Information Typing Architecture–is one of the most important innovations in XML publishing in recent history. DITA presents a major step forward in accelerating the publishing process, as well as improving the accuracy and utility of published information. If you're looking to achieve Best Practices in XML-based publishing for your technical documentation, take a closer look at PTC's Arbortext solution, the first and only complete, fully integrated solution for DITA.
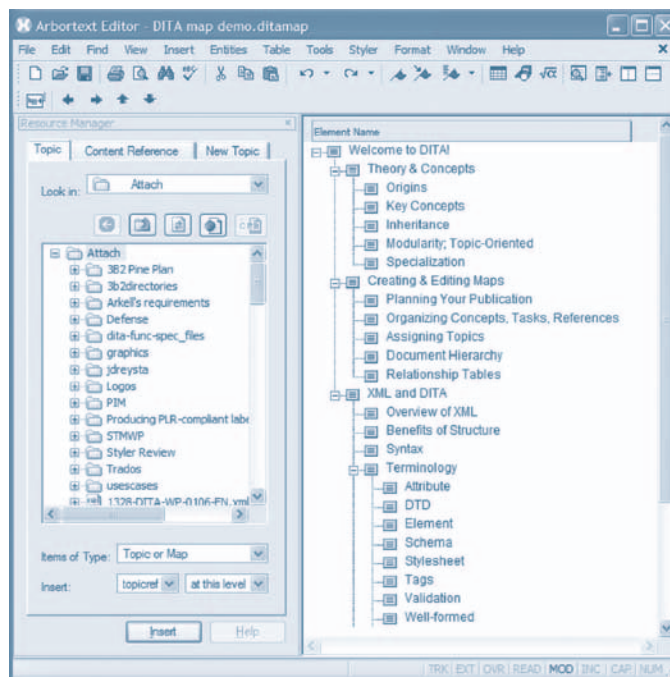
The promise of XML-based publishing has always been to produce more productive authors, better quality information, and faster publishing processes that are also less expensive. PTC Arbortext software has helped many companies achieve those benefits. But now DITA makes it easier than ever before.

The Power of DITA: Modularity and Adaptability

DITA–short for Darwin Information Typing Architecture–is an XML-based solution expressly created for publishing technical information. What separates DITA from similar architectures such as DocBook is its modular and highly adaptable structure.

DITA was built from the ground up with modularity in mind. It defines a Topic-based data model that creates a modular approach to creating information. DITA also defines a mechanism for combining topics into documents with hierarchies appropriate to those documents. For example, the hierarchy of a book usually consists of chapters, sections and sub-sections. DITA's modular approach to creating information makes the reuse of those information modules much easier.

The developers of DITA also understood that 'one size does not fit all'. For instance, within a single company, multiple departments have different requirements for the information they create. Even within the same department, different types of documents may have different requirements.

With the PTC Arbortext 5.3 release, Arbortext Editor provides new tools to simplify the creation and management of topics and maps.

DITA defines a mechanism called "specialization" that enables authors to define new tags in their data model that inherit their properties and behavior from tags in the Topic data model. Specialization allows DITA-aware applications to handle unknown tags by treating them as the tags from which they are specialized.

What Makes DITA Different

DITA is more than just a data model. It is an architecture that guides organizations to both streamline the process for creating information, and improve the quality of the information itself.

DITA's mechanisms for modularity and adaptability make it easy to automatically assemble information from multiple authors, workgroups, divisions, and even external organizations, for publishing to a variety of document types.

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To deliver the full benefits of DITA, any DITA-enabled solution must:

- Support authoring, reviewing, translation, content management, publishing and delivery

- Provide access to large, dispersed groups of authors and subject matter experts

- Enable the production of variable, configurable, dynamic documents on multiple types of media including Web, PDF and print

PTC Recognizes the Importance of DITA
When it comes to DITA, PTC has a history of being first:

- First vendor to support DITA at IBM

- First vendor to join the OASIS DITA Technical Committee (and the only vendor who was a founding member of the committee)

- First vendor to publish and educate about DITA

- First vendor to support DITA editing

And now, PTC is the first vendor to deliver a complete, fully integrated solution for DITA.

PTC: First to Deliver Complete DITA Solution

PTC continues its legacy of firsts by becoming the first and only software vendor to deliver a complete, fully integrated, end-to-end dynamic publishing solution for DITA.

An integrated solution is critical to realizing the key benefits of DITA, which include:

- Support for information sharing within workgroups, across the organization, and even across multiple organizations

- Higher-quality content with support for a standard information architecture that enables faster writing and faster comprehension

- More reuse of both content and application code

- Lower training costs

- Reduced time/costs of application development and maintenance

Because the PTC Arbortext solution for DITA is fully integrated, all components are built to work together 'out of the box'. Every component is tested together, deployed together, and upgraded together. In other words, we have done the work of building the system, so that you don't have to. With our fully integrated solution, you get:

- Easier deployment and maintenance

- Greater scalability

- Enhanced stability

- More reliability

- Better long-term performance

The Arbortext Solution for DITA

PTC is committed to providing the most powerful and complete solution for DITA. Only PTC's Arbortext solution for DITA provides access to all these capabilities:

- Conversion capabilities for legacy content

- Complete authoring support for maps and topics

- Link management

- Integrated support for review and approval cycles

- Conditional text to produce documents that meet the needs of individual readers

- Reuse of content across multiple documents

- Integrated functionality for content management

- Localization

- Rich publishing capabilities for any media, including print and electronic

Available Today
The best news is that, with the PTC's Arbortext solution with DITA support, you can begin authoring and publishing DITA Topics today.

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To learn more about how Arbortext can help your company create and deliver high-quality product information, please visit our website at: https://www.single-sourcing.com/