



AUTHORING STRUCTURED FRAMEMAKER 9* DOCUMENTS (2 DAYS)

Who Should Attend: Structured document authors. This course is appropriate for new Structured FrameMaker users who will be working in an environment with existing structured applications and who need to be able to author, validate, and output structured documents (including import/export of **xml** and **dita**).



* Please note that Structured FrameMaker 8 users can take this class as well. Although Structured FrameMaker 9 has a new interface and some new features, the core functions are the same. We have both versions available in the training center, so you will train on the version you have.

Prerequisites: There is an assumption that you understand technical writing concepts or are currently working in the technical writing or related field.

Exploring the Authoring Environment

- Structured FrameMaker interface, tools, methods, application description
- Understanding the document window and the structure view
- Understanding elements and attributes

Editing Structured Documents

- Planning the work flow and learning to watch for visual cues
- Adding, deleting, selecting, and changing elements—including cut/copy/paste, moving/wrapping/unwrapping, and merging/splitting elements
- Understanding the Element Catalog, inserting elements, adding text
- Automatically inserting child elements
- Importing a structured flow
- Correcting invalid elements

Editing Element Attributes

- Working with attributes, and setting the attribute display
- Choosing attribute values
- Recognizing and correcting attributes with errors

Validating Documents

- Validating a document's structure
- Understanding invalid structure indicators and types of validation errors
- Special cases for elements and attributes

Working with Graphics, XRefs, and Footnotes

- Inserting and working with anchored frames and graphics
- Inserting cross-references
- Inserting footnotes

Working with Structured Tables

- Table basics—including selecting, resizing columns, and straddling
- inserting and manipulating tables in structured documents

Using Structured Books and Generating Files

- Creating and updating structured books
- Controlling numbering and pagination in a book
- Marking text for an index and generating & formatting the index
- Generating and formatting the table of contents

Creating New Structured Documents

- Creating structured documents by importing from a structured template and EDD, with Save As, and by using a conversion table
- Creating an EDD from a structured document

XML and DITA

- Converting Structured FrameMaker documents to and from XML or DITA

Creating PDFs from FrameMaker

- Understanding and setting Distiller preferences and job options
- Creating a PDF from FrameMaker files and FrameMaker books
- Creating tagged PDFs directly from FrameMaker
- Preparing anchored frames for tagged PDFs and adding metadata to a FrameMaker document





DEVELOPING STRUCTURED FRAMEMAKER 9* APPLICATION DOCUMENTS (2 DAYS)

Who Should Attend: Developers and authors who need to create and maintain EDDs. This class focuses on developing EDDs; it also introduces the topics of creating structured applications and using conversion tables to add structure to currently unstructured documents.



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Prerequisites: *Structured FrameMaker Authoring* class or previous experience. A basic understanding of SGML/XML is recommended.

Introduction to Creating EDDs

- Creating an initial EDD—process overview
- Opening a DTD in FrameMaker, creating an EDD from an existing DTD, opening an existing DTD to create a new EDD, exporting an EDD from a structured template, creating an EDD from scratch, and updating an EDD from a DTD

Developing the EDD Structure

- Basic types of elements for creating EDDs
- Defining preliminary settings in an EDD
- Element components (including specifying comments, element tag, type, and valid highest level)
- Creating the generalrule—containers and footnotes
- Defining inclusions and exclusions—SGML only
- Auto insertions—specifying autoinserted child and nested child elements
- Specifying initial tables, table patterns, and formats
- Specifying the InitialObjectFormat for cross reference elements, equation elements, graphic elements, and marker elements
- Using the SystemVariableFormatRule
- Defining the Attribute List for general descriptions, prefixes and formatting, and cross-referencing

Defining Text Format Rules

- Components to overall TextFormatRules
- Writing an AllContextsRule
- Writing a ContextRule (naming ancestors, siblings and attribute values)
- Writing LevelRule and SubRules
- Using Context labels
- Writing First/Last format rules and Specifying First/LastParagraphRules

Introduction to Read/Write Rules

- General syntax and inclusions/exclusions
- Introduction to creating Read/WriteRules and associating Read/WriteRules with an application

Defining Elements for Structuring Books

- Using the book element
- Defining and testing book elements
- Updating a structured template to include book element definitions
- Using TOC and IX templates

Creating & Using Conversion Tables

- Prerequisites to conversions from unstructured documents—preparing to add structure to unstructured documents.
- Creating a basic conversion table
- Adding to the list of styles and indicating hierarchy
- Using FrameMaker's Create and Apply Formats utility
- Creating lists of other objects and markers in a document

