

Analyze That: Implementing Structure in FrameMaker EDD Files

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Agenda

- About the presenter
- Implementation effort
- FrameMaker's view of structure
- Creating an EDD
- Demo



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About the presenter

- Consultant
- Coauthor, *FrameMaker 7: The Complete Reference*, *FrameMaker for Dummies*, and other books
- Founder, Scriptorium Publishing



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Implementation effort (a twelve-step process)

1. Identify implementation goals.
2. Define roles.
3. Establish timelines.
4. Perform structure analysis.
5. **Create structure definition files.**
6. Set up legacy conversion process.
7. Set up output paths.
8. Develop documentation.
9. Deliver training.
10. Convert legacy documents.
11. Create change management process.
12. Provide transition support and validate implementation.

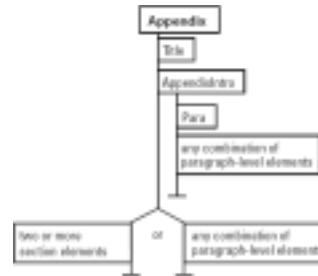
Structure analysis

- Examine existing documents.
- Build structure map.
- Foundation for actual implementation of structure in FrameMaker or other applications.



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Structure analysis example



The Appendix element
The Appendix will be valid in the Book element after all the Chapter elements. Appendix elements will require a Title and an AppendixInfo element. The AppendixInfo will contain at least a Para but also can contain other paragraph-level elements. After the AppendixInfo, an Appendix can contain a series of paragraph-level elements if the appendix is simple) or multiple section elements if the appendix is complex.

FrameMaker's view of structure

- Element definition document (EDD)
 - Element definitions
 - Attribute definitions
 - Formatting specifications (embedded or in separate template file)
 - Similar to DTD plus formatting



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Creating an EDD

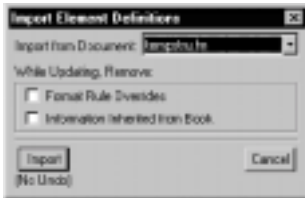
- File > Structure Tools > New EDD



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Importing element definitions into a document

- File > Import > Element Definitions



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Creating an element definition



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Element definition pieces

- Element name
- Element type
 - Container (most common)
 - CrossReference
 - Table (several types)
 - Other special constructs



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Element definition pieces

- General rule
 - Defines structure for that element
 - Uses same syntax as DTD



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General rule syntax

- Comma (,)
 - Sequence
 - X,Y
 - X then Y
- Ampersand (&)
 - Any order
 - X & Y
 - X then Y or Y then X
 - *SGML only*
- Pipe (|)
 - Or
 - X | Y
 - X or Y



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General rule syntax

- Question mark (?)
 - Zero or one
 - Y,X?
 - Y or Y then X
- Asterisk (*)
 - Zero or many
 - Y, X*
 - Y or Y then X or Y then X then X...
- Plus (+)
 - One or many
 - Y,X+
 - Y then X or Y then X then X or ...
- Parentheses ()
 - Grouping
 - X, (Y | Z)



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Demo



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White papers

- XML overview:
www.scriptorium.com/structure.pdf
- Structure implementation:
www.scriptorium.com/str_implementation.pdf



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Training/consulting

- Building EDD class
- Building EDD workbook
- Custom consulting



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Q & A



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