

# Adobe FrameMaker: Element Definition Documents (EDDs)

<b>Who</b>	This specialist course is aimed at personnel responsible for the development of structured templates using FrameMaker 7 and at personnel responsible for implementing a full SGML or XML system in the workplace. The course provides a thorough introduction to the process of defining structure in an Element Definition Document using FrameMaker 7.
<b>Why</b>	The course will give you the skills necessary to produce structured templates based upon an EDD or SGML/XML DTD. Through a series of practical exercises, you will learn how to define elements and attributes, how to specify formatting for elements and attributes according to structural context and how to define book elements for the preparation of structured books comprising multiple documents and including a Table of Contents and an Index. You will also learn how to create a Conversion Table to automatically add structure to unstructured documents.
<b>Length</b>	2 days

## Getting Started

Understanding the purpose and use of the element definition document (EDD)

Understand document analysis  
Become familiar with the overall organisation of an EDD  
Identify ways to create an initial EDD  
Identifying basic types of elements  
Identifying parts of an element definition

## Specifying an element tag and type

Review the purpose of preliminary element parts: tag, comments, type, and valid highest level  
Inserting an Element element  
Typing the element tag  
Inserting the Comments element  
Changing the formatting of Comments elements  
Selecting the type of element  
Specifying that an element is valid if it occurs as the highest-level element in a flow

## Defining general rules for containers and footnotes

Writing a General Rule for Container elements and Footnote elements  
Using occurrence indicators and connectors in a General Rule  
Using content symbols and parentheses in a General Rule  
Learning the default General Rule for Container and Footnote elements  
Importing the EDD into a structured template  
Testing element definitions in the structured template

## Defining general rules for tables

Writing a General Rule for a Table element  
Writing a General Rule for table title, table heading, table body, table footing, table row, table cell  
Learning default General Rules for tables and table parts  
Learning restrictions on General Rules for Table and table part elements

## Inclusions and exclusions

Specifying the use of an Inclusion

Defining the included element  
Specifying the Exclusion of an element

## Auto insertions

Specifying autoinserted child elements  
Specifying autoinserted nested child elements

## Formatting tables and defining the initial structure pattern

Specifying the initial structure pattern for Table and Table Part elements  
Specifying the initial table format for a Table element

## Formatting object elements

Defining a Cross-reference type element  
Specifying the initial object format of a Cross-reference element  
Defining an equation type element  
Specifying the initial object format of an Equation element  
Defining a graphic type element  
Specifying the initial object format of a Graphic element  
Defining a marker type element  
Specifying the initial object format of a Marker element  
Defining a system variable type element  
Specifying the system variable format rule

## Defining attributes

Review the uses of attributes  
Review the basic types of attributes and their parts  
Specifying the attribute name and type  
Indicating whether the attribute is optional or required  
Defining read only and hidden attributes  
Defining a range of values for attributes of numeric types (integer, integers, real, reals)  
Defining a list of choices for an attribute of type choice  
Specifying a default for optional attributes

## Rules for formatting text

Define text format rules and their parts  
Specify an element paragraph format

tag

Write an all contexts rule with if, elseif and else clauses  
Write a level rule with if, elseif and else clauses  
Referring to a paragraph format tag and a character format tag  
Individual paragraph and text-range properties  
Formatting change list tag  
Analysing syntax for naming ancestors, siblings and attribute values  
Defining subrules and multiple rules  
Writing a context label  
Defining a format change list

## First and last paragraph rules

Specifying first paragraph rules for formatting  
Specifying last paragraph rules for formatting

## Prefix and suffix rules

Defining a prefix and a suffix  
Specifying prefix rules and suffix rules using a fixed text string  
Specifying prefix rules and suffix rules referring to attribute values  
Specifying formatting for prefixes and suffixes

## Elements for structuring books

Defining an element for the book  
Defining elements for generated files within the book  
Creating a structured book  
Adding files to the structured book  
Generating and formatting a Table of Contents  
Generating and formatting an Index  
Wrapping generated files into elements of the structured book

## Automatically adding structure to unstructured documents

Learning conversion table syntax  
Generating a new conversion table  
Learn how to create a conversion table from scratch  
Structuring an unstructured document  
Structuring a group of unstructured files  
Structuring an unstructured book