



Adobe FrameMaker 7.0: The Mekon AECMA S1000D application

Who should attend the course?

This course is aimed at technical authors who understand how to prepare structured documents using FrameMaker 7.0 and who require to work with AECMA S1000D data modules.

How long is the course? 3 Days (optional extra day).

What are the benefits of attending?

The Introduction to the AECMA Application course will give you the skills necessary to work with various types of data module using the Mekon AECMA S1000D application.

You will be confident to work with data modules in SGML, import them into FrameMaker 7.0, edit and author the contents, validate the results and export the results to SGML.

In addition, you will gain a broad understanding of the purpose of Mekon AECMA S1000D application components and the error reporting process.

What are the prerequisites?

You need a working knowledge of the FrameMaker 7.0 structured environment. No prior knowledge of SGML or the Mekon AECMA S1000D application is needed for this course.

You need to be familiar with PCs and the Windows environment.

Course Outline

— What is SGML and why is it important?

- A definition of SGML
- The shortcomings of storing documents in proprietary formats and the benefits of storing documents in SGML format
- The principal components of an SGML document
- Industry-standard DTDs
- Artefacts of SGML mark-up
- The importance of parsing SGML documents

— AECMA 1000D

- Background and purpose of AECMA 1000D
- Benefits of using AECMA 1000D
- Purpose of the common source data base and the data module requirements list
- Data module types and core structure

— Why FrameMaker 7.0?

- The role of SGML processing systems
- Using FrameMaker 7.0 to process SGML documents
- Default processing
- Processing using an SGML application
- The purpose and basic components of the SGML application file

— The Mekon AECMA 1000D Application

- Finding the SGML application file
- The applications which comprise the Mekon AECMA 1000D application
- The identity and purpose of the components of an SGML application
- The AECMA 1000D menu
- The AECMA User Guide

— Descriptive Data Modules—Container Elements

- Opening an SGML data module as a formatted and structured document
- Build on open and include TOC in build
- Reading an SGML document as a text file
- Preparing the document for working
- The principal components of the data module structure
- Adding new descriptive content to the data module
- Editing techniques

— Descriptive Data Modules—Object Elements

- Inserting single- and multi-graphic figures
- Setting board numbers, notation and entity declarations
- Editing and formatting figure titles
- Inserting cross-references to elements and setting values for the attributes within the data module
- Manually and automatically updating cross-references

Locating and fixing unresolved cross-reference
Inserting tables
Understanding CALS table structure
Adding data and changing the shape of a table to fit the data
Formatting data in a table
Customising the table
Inserting, editing and formatting caption groups
Validating the data module
Saving the data module as SGML

~ **Procedural Data Modules—More Elements & Attributes**

Running build on open and include TOC in build
Identifying the principal elements of the procedural content
Adding new procedural content to the data module
Referencing another data module
Updating the references section
Inserting ISO special Entities
Inserting symbols and formatting them correctly
Adding foldout pages and changing page size
Inserting warnings, cautions and notes

~ **Procedural Data Modules—Identification and Status Information**

Using the Hide/Show feature
Various elements and their attributes:
Validating the data module
Using Final Output Build
Save as SGML

~ **Making Changes to a Data Module**

When to update a data module
Changing the unique identifier
Changes to content and changes to status
How change marks are set
How to change figures and tables
Setting Change, Mark, Level and Reason for Change attributes

~ **Error Handling**

How to parse an SGML document
Error reporting
Parsing errors

How errors are reported by the AECMA 1000D application
Where to find information about processing errors
How to modify the SGML application file to specify where graphics are located
How to print information to the console for customer support purposes
How to contact Mekon Support and what information to provide

~ **Dynamic Element Renaming and Security Profiles**

Naming conventions
Element renaming
The dynamic element naming feature of the AECMA 1000D application
When renaming might be required
Who should undertake the task
Where element names are stored
AECMA 1000D security levels
AECMA 1000D application security profiles
How the application locates security profiles
How to change security classifications

~ **Flight Reference Cards Data Modules**

Locating and using the AECMA 1000D application templates
Adding and duplicating steps in a drill
Refreshing step numbers in a drill
nest steps
Specifying a conditional case
Specifying a nested if condition
Adding sub drills

~ **IPD Data Modules**

How to add illustrations
How to edit and format a figure title
Completing parts information relating to the illustration:

~ **Air Crew Descriptive Data Modules**

~ **Schedule Data Modules**

Related Courses

FrameMaker 7.0: Working with Structured Documents and Books