

Mekon Eclipse Create S1000D: Adobe FrameMaker Edition

- Who** This course is aimed at technical authors who understand how to prepare structured documents using FrameMaker and who work with ASD S1000D data modules.
- Why** The Introduction to the Eclipse Application course will give you the skills necessary to work with various types of data module using Eclipse create. You will be confident to work with data modules in SGML, import them into FrameMaker, 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 the Mekon Eclipse Suite components and the error reporting process.
- Length** 3 days (Optional extra day)

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

ASD S1000D

- Background and purpose of S1000D
- Benefits of using S1000D
- Purpose of the common source
- Database and the data module requirements list
- Data module types and core structure

Why FrameMaker?

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

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
- Adding foldout pages and changing page size
- Inserting warnings, cautions and notes

Procedural Data Modules - Identification & Status information

- Using the Hide/Show feature
- 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 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 S1000D 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 S1000D application
- When renaming might be required
- Who should undertake the task
- Where element names are stored
- S1000D security levels
- S1000D application security profiles
- How the application locates security profiles
- How to change security classifications

Flight Reference Cards Data Modules

- Locating and using the S1000D 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 Scheduled Data Modules