Author S1000D Content to the ASD S1000D in R4i Writer - Basic

Classroom Duration: 3 Days

Virtual Duration: 6 x 2 Hour

Chapter 1  S1000D Authoring Start Point
• Introduction
• Business Rules
• Rules for Authoring S1000D

Chapter 2  Introduction to Data Modules
• Introduction
• Mandatory, Optional and Conditional Element Types
• SGML and XML, What are the differences?
• Data Module Identification and Status and Content Sections

Chapter 3  Identify available Information Sets
• Introduction
• What is an Information Set
• Types of Information Sets
• Information Sets specific to Air
• Information Sets specific to Land and Sea

Chapter 4  Start and Configure R4i Writer
• Starting R4i Writer
• Logging On
• Connect to your SQL Server
• R4i Writer Window
• Toolbar
• Set your S1000D Versions
• Skins
• Repository Browser Overview
• Repository Browser Search
• Document Window Overview

Chapter 5  Author the Identification and Status Section
• Identification Section
• Data Module Address
  • Data Module Code (DMC)
  • Technical Name
  • Infoname
• Status Section
  • Security classification
  • Responsible partner company
  • Originator
Chapter 6  Authoring Common Data Module Elements

- Data Module Common Elements
- References
  - To be presented in the reference table - Element <refs>
  - Element <dmRef>
  - Element <externalPubRef>
  - In-line use of element <dmRef> and element <externalPubRef>
- Warnings, Cautions and Notes
  - Warnings
  - Cautions
  - Notes
  - General
  - Elements
- Paragraphs
  - Indexes (O)
  - Emphasis (O)
  - Symbol (O)
  - Subscript (O)
  - Superscript (O)
  - Acronyms (O)
  - Footnotes (O)
  - Verbatim (O)
  - Paragraph significant data (O)
  - Quantity data (O)
  - Functional item number (O)
  - Circuit breaker (O)
  - Zones and access panels (O)
  - Part number and associated manufacturer code (O)
- Tables
- Figures and Foldouts
  - Illustrations
  - Foldouts
- References
- Lists
  - Sequential lists (O)
  - Random list (O)

Chapter 7  Authoring a Descriptive Data Module

- Required DTD and Schema information
- Descriptive information
- Preview
- Check Spelling
- Manage Dictionaries
Chapter 8  Authoring a Procedural Data module
  • Required DTD and Schema information
    • XML modular schema instances
    • XML flat schema instances
  • Procedural

Chapter 9  Authoring a Crew Data Module
  • Required DTD and Schema information
    • XML modular schema instances
    • XML flat schema instances
  • Crew/Operator information
    • General information
    • Land/Sea Product description for the Crew/Operator
    • Crew/Operator operation information
    • Crew/Operator sequential operation information
    • Crew/Operator fault detection, isolation and resolution information
    • International, national and regulatory scheduled check information

Chapter 10  Tasking

Chapter 11  Other Tools
  • Introduction
  • Find
  • Symbol Palette
  • Quick Insertion Functions
  • Set IDs
  • Brex Check
Author S1000D Content to the ASD S1000D in R4i Writer - Advanced

Classroom Duration: 2 Days
Virtual Duration: 4 x 2 Hour

Chapter 1 Applicability In Depth
• What's Applicability
• History of Applicability
• How to use Applicability
• Applicability Cross-reference Table Ref
• Conditions Cross-reference Table Ref
• Products Cross-reference Table Ref
• Simple Applicability
• Referenced Applic Group
• Why do you need applicability

Chapter 2 Applicability
• Introduction
• Applicability
• Create an ACT Data Module
• Apply Applicability to a Data Module

Chapter 3 Common Information Repository
• What is Common Information Repository
• CIR dependant Data Module
• Reasons for using CIRs

Chapter 4 Author a Common Information Repository
• Required DTD and Schema information
• TIR/CIR Information
• Author TIR/CIR Data Module
• Author Warning CIR
• Insertion of TIR Content

Chapter 5 Templates
• Introduction
• Table Designer
• Customised Templates