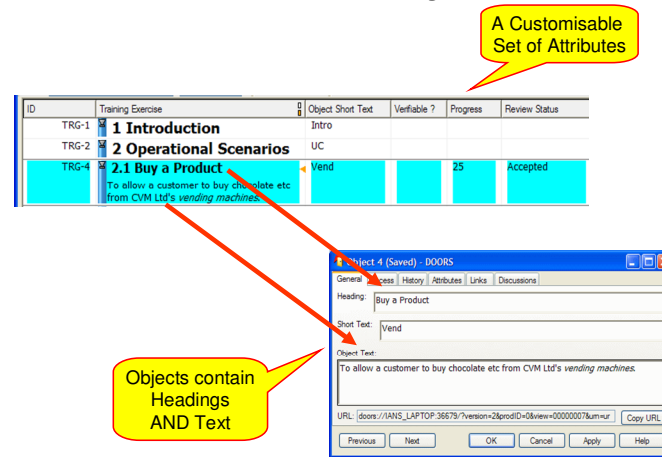


Managing Requirements with DOORS

2-Day Course

A DOORS Object



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Purpose

This course aims to enable participants to manage requirements using DOORS, based on a firm understanding both of the tool and of the key principles of requirements management.

A key advantage of this course is that it is taught by a requirements specialist, not just a trainer. The slides are based on many years of experience of teaching and using DOORS. Accordingly, the materials relate not just to which button to press in which window, but crucially the reasons for using each tool, and the pros and cons of the alternative approaches possible with DOORS.

Intended Audience

- Business and Requirements Analysts
- Systems Engineers
- Software Developers
- Project Managers
- Testers
- Quality Managers
- Configuration Managers

Teaching Approach

The course is highly interactive, consisting of

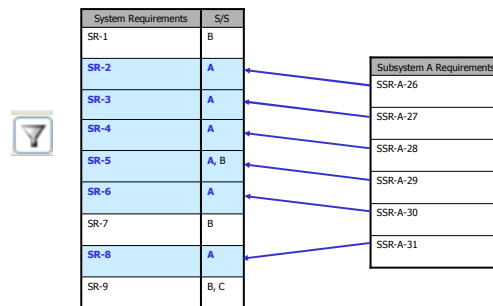
- Tutorials with demonstrations and practical exercises
- Discussion of Requirements Management thinking behind each feature
- Step-by-step instruction in the use of the tool, with annotated screenshots
- A short Quiz on each topic

Tutor

Ian Alexander specializes in Requirements. He has worked in the aerospace, telecommunications, transport, automotive, software, and public service sectors. He provides consultancy and training on requirements discovery and requirements management, often using the market-leading RM tool, DOORS. His books include *'Writing Better Requirements'*, Addison-Wesley 2002, *'Scenarios, Stories, Use Cases'*, Wiley 2004, and *'Discovering Requirements'*, Wiley 2009. He currently chairs the BCS Requirements Engineering Specialist Group. He is a Chartered Engineer.

Copy Objects... tool

- **Copy any subset** of Requirements (etc) from one module to another, **automatically linking them 1:1**



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Course Timetable

The course is available in two forms:

1. The timetable presented below is for a classic **Integrated 2-Day Course**, in which a project is constructed from scratch. This is suitable for users who want to know how to deal with DOORS 'under the hood'.
2. The course is also often re-arranged as an **Introductory Day** for general users, and an **Advanced Day** for specialists who need to know how to set up, customise and manage a DOORS database. An example database is provided.

Day 1

Purpose of Requirements Management

- Requirements Discovery, Requirements Management
- Project Information Modelling
- Benefits of Using a Requirements Tool

Structuring Project Requirements with DOORS

- Getting Started: logging on, creating a Project, defining Users
- Creating life-cycle document Modules
- Creating, editing, selecting, moving, viewing Objects
- Using Templates

Organizing and Retrieving Requirements with DOORS

- Attributes, Types
- Columns, Filtering, Sorting, Views

Day 2

Traceability

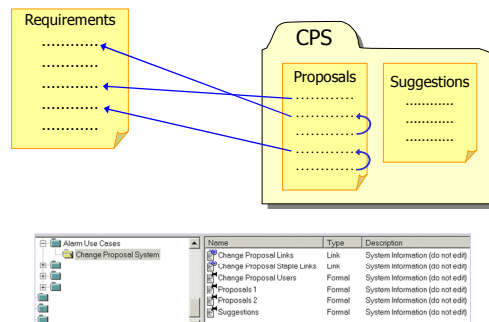
- The DOORS Traceability Model
- Creating Traces – the choice of methods available
- Viewing Traces
- Setting up for Traceability

Documentation, Control

- Synchronisation, Sharing data with Suppliers
- Publishing your Requirements – print, export, publishing tools
- Handling Change – the CPS, Suspect Links, Discussions
- History, Baselines, Baseline Sets
- System Administration
- Shared Editing – setup, locking and unlocking
- A taste of DXL: what DXL is, what it can do for you, types of DXL

To book a course, contact iany@scenarioplus.org.uk

CPS – Structure



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Feedback from Participants

"Hands on, practical application tips"

"This course helped me understand the concept of requirements capture [and gave me] knowledge of what DOORS can provide"

"The course was very useful for beginners with DOORS, giving confidence to implement DOORS on a real project"

"We have just completed our DOORS course and I am happy to say that we all found the course a very rewarding experience. Ian was an excellent trainer and conveyed the DOORS tool and some detailed Requirements Engineering techniques in a very proficient manner. The course certainly met/exceeded our expectations and I would definitely recommend the course to other parties with similar needs/skill base."

"[I liked the] ability to carry out hands on work alongside lectures. Lecturer's knowledge vastly improved the course content."

<http://www.scenarioplus.org.uk>