## Course Description

This course teaches students more than just the basic functionalities of DOORS. On the one hand students will benefit from the vast experience of the teacher. On the other hand a lot of DOORS' advanced features will also be covered. Care will be taken to explain the concepts behind the different features and the corresponding context in which each feature should be used. Extensive hand-on exercises on examples which are based on comprehensive templates are a key factor for success.

## Who Should Attend?

Primarily, this course is for everyone who will write requirements specifications and/or test specifications, etc. in DOORS (for instance, project managers / directors, systems and software engineers, marketing, tester, quality engineers). However, it is also recommended for those who 'simply' want to 'look up' what other did in DOORS.

## Benefits Of Attendance

Students will be ready to rock n' roll:

- ✓ Feel comfortable with the hierarchical structure of requirements in DOORS from projects/folders via formal modules to objects
- ✓ Be able to create new formal modules either from scratch or by copying template modules
- ✓ Be able to edit data in objects and to create new objects
- ✓ Understand the concept of DOORS attributes and be able to change values of attributes
- ✓ Be able to find data, create simple and complex filters/sorting and to make them re-loadable via views
- ✓ Be able to print
- ✓ Understand the concept of links/traceability in detail
- ✓ Be able to establish traceability and to perform powerful analysis / reporting
- ✓ Be familiar with most of the listed advanced topics

## Prerequisite

The 'Writing Better Requirements' Course is recommended ;-)

# Using DOORS 7.1 for Requirements Management 2-3 Days

## Course Outline

### I. Hierarchical Structure of Requirements in DOORS

Working with Databases, Folders, Projects, Modules, and Requirement Objects

### I.1 DB, Users, Folders, and Projects

Getting into and getting around in the DOORS database

### I.2 Documents as Formal Modules

Where do we put requirements and other structured information?

### I.3 Objects and Structure

Working with objects within the module structure

### II. Information Content in DOORS

Working with your requirements and other information in DOORS

### II.1 Editing Data in Objects

Entering, modifying, and formatting information in DOORS objects

### II.2 Capturing and Displaying Additional Information via Attributes

Using and displaying attributes and other information to capture additional information about your data

### II.3 Finding and Displaying the Data You Want to See

Finding, filtering, and sorting the database to set up views which focus on specific data of interest

### II.4 Printing and Reports

Printing out from DOORS, defining print layouts and pre-preparing reports

### III Links and Traceability

Defining and using relationships between objects

### III.1 Link Concepts

Understanding links

### III.2 Link Modules and Linksets

Organizing links to facilitate analysis

### III.3 Simple Tools for Creating / Deleting Links

Simple methods for creating / deleting links

### III.4 Link Reporting

Using links to show full traceability and to assess the effects of change

### III.5 Advanced Linking Tools

More powerful tools to create / delete links

### IV Advanced Topics

Advanced Management / Administration tasks and Advanced Analysis tasks

### IV.1 Attributes - advanced

Creating user-defined attributes and specialized types to manage your data more efficiently

### IV.2 History

Recording and Displaying changes.

### IV.3 Baselines

Creating, viewing, comparing and deleting frozen versions of a formal module.

### IV.4 Folders / Projects / Modules (Advanced)

Managing Folders, Projects, and Modules.

### IV.5 Access Rights

Controlling access to the data in your database and shareable editing.

### IV.6 OLE Objects, Pictures and Tables

Creating and working with OLE objects. Handling Pictures and Tables.

### IV.7 Import / Export

Getting data from existing files into DOORS modules and communicate DOORS data to 'non DOORS' co-workers via other file formats.

### IV.8 Backup and Data Exchange

Backing up your DOORS data and exchanging data with distant engineering teams.

### IV.9 Suspect Links

DOORS Suspect Links allow to actively look for changes of linked objects.

### IV.10 Baseline Sets / Intelligent Traceability

### IV.11 Change Proposal System

The DOORS Change Proposal System allows to submit, review and apply change proposals.

### IV.12 Electronic Signatures

### IV.13 DXL

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