

IBM Watson Internet of Things (IBM Watson IoT™) IBM® Engineering Requirements Management DOORS® Family (IBM® DOORS® Family)

Training Course

IBM Watson IoT™ IBM® DOORS® Family Training Course

This 2-day course aims to equip students with a fundamental knowledge of IBM® DOORS® Family and its constituent processes, in order to enhance Requirement Management procedures within Software and Systems Development teams.

The course combines real world scenarios with theory, presented by an IBM® DOORS® Family specialist, to provide students with a unique learning experience which will allow them to use the tool with more confidence and efficiency.

The course examines why effective Requirements Management is so important and looks at the various stages of the process. We then go on to map IBM® DOORS® Family functionality onto this process which will enable students to utilise the tool in order to have greater control of requirements.

The course teaches how to implement a formal and unified process whilst reducing time and effort spent on requirements. In addition, the course provides organisations with a consistent knowledge base across their development teams, and will ultimately reduce re-work and delays whilst improving system and software output quality. The latter part of the course focuses on populating an IBM® DOORS® Family project using your actual data.

What you will learn

On successfully completing the course, students will be able to:

- Navigate the IBM® DOORS® Family application
- Work with an IBM® DOORS® Family module
- Organise, filter and search information
- Create and manage attributes
- Create and manage basic and advanced views
- Create and manage links
- Manage and view traceability
- Structure an IBM® DOORS® Family database in a sensible manner
- Work with projects, folders and modules
- Create and manage baselines and baseline sets
- Work with suspect links
- Create and manage discussions
- Import / Export data
- Understand the context of IBM® DOORS® Family web access and the IBM® DOORS® Extension Language (DXL)
- Enforce link schemas
- Begin to think about how you would structure your own data in IBM® DOORS® Family

At a Glance

A 2-day course at an approved venue

Delivered by an experienced practitioner

Learn how to use and adapt IBM® DOORS® Family

Understand the principles of Requirements Management

Maximise the return on your software investment

Who Benefits

Requirements Engineers

Requirements Manager

Project Engineer

Project Manager

Personnel whose role heavily integrates with the Requirements Management Process



Agenda

Day 1

Why Requirements Management?

Introduction to IBM® DOORS® Family

Basic Application Navigation

Working with modules

Working with baselines

Working with attributes and basic views

Organising and searching information

Importing and Exporting

Working with traceability

Day 2

Database Structuring

Advanced views

Suspect Links

Understanding IBM® DOORS® Family Web Access

Introduction to DXL

Link schema enforcement

Implementing your data

The course can be customised to organisational needs and can be delivered either on customer site or at an approved venue. We also offer a condensed 1-day course.

Whilst no prior knowledge of IBM® DOORS® Family is required to book onto this course, we do ask that customers have a basic understanding of Systems Engineering principles.

For more information contact: training.sys-eng@synthesys.co.uk

About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

