IBM® Engineering Requirements Management DOORS® Family (DOORS®) eXtension Language (DXL)

Training Course

IBM® DOORS® eXtension Language (DXL) Training Course

This 2-day course aims to equip students to extend the functionality of IBM® DOORS® Family using the IBM® DOORS® eXtension Language (DXL), to enhance Requirements Management and related processes. DXL is a proprietary language, used only by IBM® DOORS® Family.

The course is tailored to the needs of a group of attendees, focusing on those capabilities in DXL that are most relevant to a particular role or task. It is presented by an IBM® trained Technical Specialist, experienced in writing DXL, to ensure that you get the most out of your time. The aim is to give you a capability in relevant aspects, rather than progressing through disjointed, functional views of DXL.

The course examines the fundamentals of the language, accessing IBM® DOORS® Family database items (Modules, Objects, Links, etc.), storing and retrieving data, building custom user interfaces, importing and exporting data, and more. Each taught unit contains at least one exercise, where you can verify your learning. Model answers are provided for you to take away.

What you will learn

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

- Understand language fundamentals;
- Execute DXL in an appropriate context;
- Understand the generic and IBM® DOORS® Family specific data types;
- Work with loops and functions using generic and IBM® DOORS® Family data types;
- Use DXL to display data in views;
- Use DXL to write data to and read data from modules;
- Create and query links, access rights and views;
- Create menus to present your custom tools;
- Read and write external files;
- Use the configuration areas of the IBM® DOORS® Family database for persistence of settings;
- Create and manage dialogue boxes for data input/output;
- Write and manage triggers that react to events in the IBM® DOORS® Family database;
- Effectively manage memory when using DXL.

At a Glance

A 2-day course delivered on-site

Delivered by a Technical Specialist

Learn how to use and apply relevant DXL

Enhance Requirements Management and related processes

Exercises to verify your learning

Who Benefits

Business Analysts

Requirements Engineers

Test Engineers

Systems Engineers

Reporting Specialists

Developers

Project Engineers

DATASHEET

SyntheSys TECHNOLOGIES

Agenda

Day 1

Basics

Layout DXL

Attribute DXL

Creating menus

Data structures

Day 2

Data structures

File handling

User interfaces

Triggers

Memory management

This is an advanced level training course, so we ask that users have experience of IBM® DOORS® Family core structure, concepts and usage. Experience of programming, ideally in an interpreted language similar to C is also required.

The tailored nature of this course (not all units are taught in any one instance), makes it best suited to on-site delivery, though public courses may be offered.

For more information contact: training.technologies@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.

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