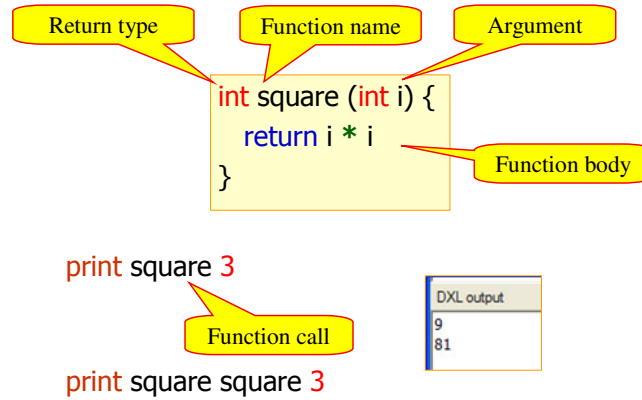


Customising DOORS with DXL

2-Day Course

Writing a Function



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34

Purpose

This course aims to give participants the ability to customise DOORS by writing programs in DXL to automate a range of operations.

Intended Audience

- System and software engineers, analysts, programmers, and other DOORS users who want to customise their DOORS databases with DXL.
- Familiarity with a programming language such as C or Fortran is an advantage.

Teaching Approach

The course is intensive and highly interactive, consisting of

- Clearly explained theory to motivate each topic
- A practical exercise on each topic, building up usage of DXL commands
- From the start, writing programs to solve practical problems.

A key advantage of this course is that the instructor is a practitioner, not just a trainer, so the course relates directly to practical applications of DOORS and DXL, not just to the language's grammar and syntax.

Tutor

Ian Alexander specialises in Requirements. He provides consultancy and training on requirements discovery and requirements management, often using DOORS and DXL as the platform. He has customised DOORS databases and written DXL for many organisations. He is a Chartered Engineer.

Course Timetable

Day 1

Introduction: Types of DXL
 First Steps...
 Loops
 Debugging, Avoiding Errors
 Objects & Attributes
 Customising the Menu Bar
 Dialog Boxes
 Handling Filenames
 Creating a Form Editor
 Callback Functions
 Object Navigation

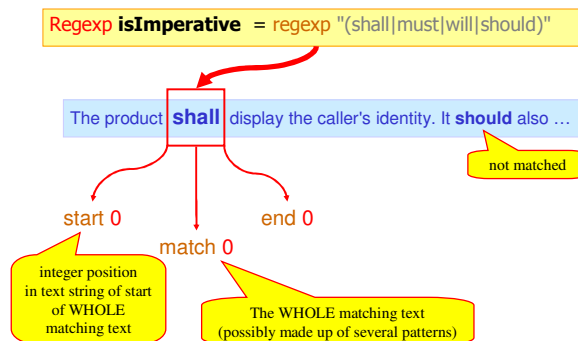
With a programming exercise on each topic

Day 2

Folder Hierarchy
 Recursive Functions
 Layout DXL, Attribute DXL
 Graphics
 Regular Expressions
 Skiplists
 Links
 Discussions

Each topic's use for managing requirements with DOORS is demonstrated

Regular Expressions Match Patterns



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92

Feedback from Participants

"[What I found most valuable were] the practical exercises and the personal experience from the instructor" – Neil S.

"[I liked the] real working examples." – Phil R.

"[I liked the] scope for enhanced work with DXL" – Phil W.

To book a course, contact iany@scenarioplus.org.uk
<http://www.scenarioplus.org.uk>