

Infor Distribution SX.e

Introduction to Progress and the SX.e database course

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Description

The course, "Intro to Progress and the SX.E database", is a 3 day introductory course designed to explain the fundamentals of programming in the PROGRESS language and to help understand the core tables of the SX Enterprise database.

Audience

Software development staff

What to expect from this class

This class is an introductory course and will focus on the fundamentals of PROGRESS programming and learning core tables of the SX Enterprise database. Individuals attending this class should leave with a basic working knowledge of the PROGRESS language, and the ability to produce simple queries. The course will be taught using examples from the SX Enterprise database which serves to reinforce a basic understanding of our database structure.

Recommended time to attend

This class should be attended prior to attending any other SX Architect class.

Prerequisites

Individuals attending this class should have experience using a computer and some programming background.

Agenda

- 1) The SX.Enterprise environment
- 2) The Basics of the PROGRESS environment
 - a) PROPATH
 - b) The SX startup Script
 - c) The PROGRESS editor
 - d) Editor hotkeys and shortcuts
- 3) The SX Enterprise Database
 - a) Overview of tables and indexes
 - b) Key tables and how they are used
 - c) Using indexes for performance
- 4) Basic Record Processing

- 5) Reading and displaying records
 - a) Reading records
 - b) Updating records
- 6) Formatting Output
 - a) What is a frame ?
 - b) Defining frames
 - c) Using frames
- 7) Report Processing
 - a) Easy totaling and subtotalling
 - b) Control Breaks
 - c) Simple joins
 - d) Complex joins
 - e) Sending output to printers and other devices
 - f) Special printer interfaces
- 8) Exporting and Importing Data
 - a) The INPUT function
 - b) The Quoter function
 - c) EXPORT and IMPORT statements
- 9) Miscellaneous Functions
 - a) Date processing
 - b) Numeric processing
 - c) List processing
 - d) String processing
 - e) Data type conversions
 - f) Operating System interfaces
- 10) Work Tables and Temporary Tables
 - a) Defining work/temporary tables
 - b) Adding records to work/temporary tables
 - c) Accessing work/temporary tables
- 11) Validation and Conditional Processing
 - a) Conditional tests
 - b) Validate function
 - c) Record buffers
- 12) Considerations when updating the database
- 13) The browse functionality