

Introduction to ISIS Application Building

This course is designed for the new ISIS application developer who needs to understand how to begin building custom ISIS/Draw and ISIS/Base applications using ISIS Procedural Language (PL) or the OLE Automation level of ISIS/Object Library.

Hview Design, Development, and Optimization

This course is designed for both the new or experienced ISIS application developer and the database administrator who needs to design and optimize Hviews for complex systems integrating molecule, reaction, and relational databases.

Course Objectives

The participant will be able to:

- ◆ Understand PL program structure and use of intrinsic libraries
- ◆ Create, compile, and execute PL programs
- ◆ Create custom menu commands
- ◆ Manipulate molecules, reactions, and sketches in the ISIS environment
- ◆ Understand how ISIS development tools interact with local and host databases
- ◆ Understand ISIS application and form object events and trigger functions
- ◆ Implement custom window buttons
- ◆ Create and package basic custom applications for the end users of ISIS

Prerequisites

Familiarity with a structured programming language
Significant experience using ISIS/Draw and ISIS/Base
Experience with the ISIS workstation environment

Course Length

2 days

Course Objectives

The participant will be able to:

- ◆ Create Hviews that access multiple physical databases
- ◆ Use the Command Line Interface (CLI) for testing and debugging Hviews
- ◆ Tailor the user's view of the logical database
- ◆ Evaluate performance of alternative Hview designs

Prerequisites

Working knowledge of ISIS/Draw and ISIS/Base
Familiarity with an ISIS workstation environment
Experience with SQL-based RDBMS
Familiarity with MACCS-II and/or REACCS databases

Course Length

1-1/2 days
