

UltraQuest File Mapping Workshop

UQ80

Component:
UltraQuest (includes the Reporter, Library, and Applications)

Audience

This workshop is intended for programmers who are responsible for mapping against DB2, QSAM, and VSAM files.

Format

Workshop 2 days
Onsite or Education Center

Prerequisites

None

Course Summary

This workshop teaches students the basics of the 4GL and how to use tools including:

- COPYBOOK
- SCHEMGEN
- FILEMAP

COPYBOOK translates a COBOL file description (FD) into a 4GL schema. SCHEMGEN builds a 4GL schema to access data stored in DB2. FILEMAP creates a 4GL schema from a QSAM file.

This course focuses on mapping external files. It also shows creation of virtual fields called defines. Through the course students will also become familiar with the basics of working in the 4GL environment.

Objectives

Upon completion of this workshop, the student will be able to perform the following tasks:

- Map an external file and create a schema
- Modify the column headings, document string, and display formats
- Create a database profile
- Construct defines

Outline

The File Mapping course consists of the following topics:

- Basics of the 4GL
 - MVSPREFIX command
 - Naming 4GL datasets
 - Allocating 4GL library datasets
 - Library command
- Mapping external databases
 - Schema
 - Database profile
 - Defines
 - Master statement
 - Item statement
 - Display formats
 - Option
 - Centurybreak
 - RPROC
- COPYBOOK
- FILEMAP
- SCHEMGEN
- Database Utilities and Tools
 - Schema commands
 - DBCHK command