

Informatica PowerExchange Basics

Course Summary

Description

This 2-day, instructor-led course is based on COBOL or PL/1 metadata from copybooks and is intended for users with Mainframe or AS/400 experience. It is recommended that students have some Informatica PowerCenter experience. The course exposes students to the basics of the PowerExchange Client for Informatica PowerCenter through lecture and labs. Topics covered include: PowerExchange Navigator, Data Maps, SQL Syntax, Processing Complex Flat Files, and PowerExchange/PowerCenter Integration.

Objectives

By the end of this course, participants will be able to:

Understand PowerExchange benefits and architecture

Use the Navigator to create data maps for flat files, filter and check data integrity and create data maps for complex non-relational files.

Create personal metadata

Integrate PowerExchange with PowerCenter using PowerExchange Client for PowerCenter

Topics

- PowerExchange Overview
- PowerExchange Navigator
- Data Maps in Depth
- SQL Syntax
- Personal Metadata
- Processing Complex Flat Files
- PowerExchange/PowerCenter Integration
- PowerExchange Utilities

Prerequisites

Students should have some PowerCenter experience.

Duration

Two days

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Course Outline

- I. PowerExchange Overview**
 - A. PowerExchange Functionality
 - B. PowerExchange Architecture
- II. PowerExchange Navigator**
 - A. Navigator Functions, Configuration and Setup
 - B. Data Maps
 - C. Personal Metadata
 - D. Managing Navigator Objects
 - E. Lab2: Creating a Data Map from an EBCDIC file
- III. Data Maps in Depth**
 - A. Creating a Data Map
 - B. Defining the Records in a File
 - C. Lab 3A: Manual Data Map Creation
 - D. Field Level Processing
 - E. Adding Expression Fields
 - F. Table Definitions
 - G. Lab 3B: Importing a Multi-Record File with a COBOL
 - H. Copybook Array Processing
 - I. Lab 3C: Array Processing
- IV. SQL Syntax**
 - A. Using SQL WHERE Clause for Non-Relational
 - B. Using DTLDESCRIBE Function to Retrieve
 - C. Lab4: Filtering Records and Array Handling
- V. Personal Metadata**
 - A. Creating Personal Metadata
 - B. Testing Personal Metadata
 - C. Lab5: Adding Personal Metadata
- VI. Processing Complex Flat Files**
 - A. File and Field Data Formats
 - B. Variable Length Binary Data
 - C. Lab6: Decoding a Complex Flat File
- VII. PowerExchange/PowerCenter Integration**
 - A. Using PowerExchange Client for PowerCenter (PWXPC)
 - B. Lab 7: Integrating with PowerCenter using PowerExchange
 - C. Client for PowerCenter
- VIII. PowerExchange Utilities**
 - A. DTLURDMO
 - B. DTLREXE