iSeries Development Tools & CL Programming

Course Summary

Description

In this course, students will learn the concepts behind the IBM iSeries and AS/400 systems, how to use the character based application development tools and how to write CL programs. Using PDM, SEU, and SDA, students will learn how to create Control Language (CL) programs, commands, menus, input screens and database files.

Topics

- Introduction/System Overview
- Object Types & Management
- Application Development Toolset

Prerequisites

There are no prerequisites for this course, assuming the student is attending both parts.

Duration

Seven days, taught over two weeks in full and half days

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Course Outline

Part One - Concepts & Facilities

I. Introduction / System Overview
- A. Keyboard / 5250 Interface
- B. Help Facilities
- C. Messages
- D. Using Commands
- E. iSeries Navigator - Intro/Overview

II. Object Types & Management
- A. Database Concepts
- B. Work Management
- C. Job & Print Control
- D. Security
- E. Backing Up Your Work

III. Application Development Tools
- A. PDM - Programming Development Manager
- B. SEU - Source Entry Utility
- C. SDA - Screen Design Aid

IV. Query/400
- A. iSeries Navigator - Database

V. DDS for display files

Part Two - CL Programming

VI. Intro to CL
- A. Creating CL programs
- B. Basic CL programming

VII. Debugging

VIII. Input/output in a CL program

IX. Message Handling

X. Selective prompting
- A. Command attributes
- B. Creating your own commands

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