



## IBM i (AS/400) Control Language Programming

### Introduction to Control Language

What is CL?  
Command Names  
Command Parameters  
The IBM i (AS/400) User Interface

### Basic CL Programming

Creating CL Programs  
Structure of a CL Source Member  
Declaring Variables  
Manipulating Variables  
CL Control Structures  
Expressions  
Controlling Workflow  
Basic Error Handling

### Input / Output in a CL Program

Passing Parameters  
Using external attributes  
Files and Data Areas

### Understanding IBM i (AS/400) Messages

Message Files  
Message Handling Commands  
Error Handling in CL  
Message Queue Break Handling Programs

### Using IBM i (AS/400) APIs in CL

### Running CL Commands from RPG

### Selective Prompting on CL Commands

### Using Binary Data in CL

List Processing  
System API Processing

### Understanding and Modifying Command Attributes

### Creating Your Own Commands

Command Definition



We are using IBM's Latest Server  
IBM i (AS/400) V7R1

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Command Processing Programs  
Validity Checking Programs

### V5R4 and V6R1 Changes to CL

Structured Operations  
New Data Types  
Creating Command Help  
Multiple File Operations

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