



We are using IBM's Latest Server
IBM z/OS V1R13

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Advanced COBOL Programming

Compiling & Linking Programs

- Compile & Link Process
- Compile JCL
- Compiler Options
- Link JCL
- Linkage Editor Options
- Dissecting the SYSPRINT Listing

Structured Programming Techniques

- Review Elements of Structure Programming
- Sequential Master File Update
- Master File Update Using Multiple Transactions
- Adding Records at End of Files
- File with Variable-Sized Records
- Sequential Access to VSAM File
- Updating a VSAM File
- Tips for Restructuring a Bad Program

Inter-Program Communication

- Static & Dynamic Calls
- Call by Reference, Content, and Value
- Testing Return Code
- LINKAGE Section
- PROCEDURE DIVISION Header
- Passing Parameters between Programs
- Passing Parameters from the JCL
- Passing Parameters from SYSIN
- Using Chain Lists

VSAM File Processing

- VSAM Terminology
- VSAM File Organization
- KSDS Option
- Environment Division Requirements
- Data Division Requirements
- I/O Statements
- Error Handling



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Advanced Table Processing

Table Types (Dynamic & Static)
Subscripting
Indexing
Relative Reference
Sub-string Reference
Initializing & Assigning Values to Table Entries
Defining a Multi-dimensional Table
Searching Within a Multi-dimensional Table (Serial & Binary)
Using In-line PERFORM Verb for Table Search
Intrinsic Functions for Tables

Additional Language Features

The SYNCHRONIZE Clause
The STRING and UNSTRING Verbs
The INSPECT Verb
The INITIALIZE Verb
The JUSTIFY RIGHT Clause
The VALUE Clause
Recent Enhancements

- Date Oriented Enhancements
- Phased Out Elements
- Modifications to Current Elements
- Modifications to Current Syntax
- Changes to Arithmetic Operations
- Intrinsic Functions
- Calendar Functions
- Numerical Analysis Functions
- Trigonometric Functions
- Financial Functions
- String Functions