MVS JCL Workshop

Course Summary

Description

This course consists of specialized labs and lecture designed to acclimate users to the IBM mainframe Job Control Language using the z/OS operating system. The student is introduced to the MVS JCL language used for production processing.

Topics

- Identify Job Control Language: format and syntax
- Define the JOB and JOB STEP concepts
- EXEC statement
- DD statements
- Referbacks and concatenation
- PROC and PEND statements
- JCLLIB statement
- INCLUDE and SET statements
- IF, THEN, ELSE and ENDIF statements
- Code JCL and control statements required for proper execution of utility programs

Audience

This course is designed for personnel who are new to the MVS operating system or are seeking a refresher course in basic terminology, and JCL program execution.

Prerequisites

The student must have knowledge of TSO/ISPF.

Duration

Three days
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Course Outline

I. JCL Statements and Syntax

II. JOB Statement
   A. CLASS, MSGCLASS, NOTIFY, REGION, TYPRUN
   B. JOB operands

III. EXEC Statement
   A. PGM, PROC, COND, PARM, REGION
   B. EXEC operands

IV. IF…THEN, ELSE Statements for Conditional Execution

V. DD Statements (Data Definition)
   A. In-stream data inputs
   B. SYSOUT (System Printer Output) and refer back
   C. DSN and DISP (Dataset Definition) and refer back
   D. Generation data groups
   E. Temporary datasets
   F. PDS and member
   G. Creating disk datasets
   H. UNIT
   I. SPACE
   J. DCB and refer back
   K. DF/SMS operands
   L. Creating tape datasets
   M. UNIT
   N. VOL
   O. LABEL
   P. Dataset concatenation
   Q. Special DD names
   R. JOBLIB, STEPLIB
   S. SYSABEND, SYSUDUMP, SYSMDUMP
   T. Assigning input or output to a NULLFILE

VI. PROC and PEND Statements - In-Stream PROC

VII. JCLLIB Statement: Defining a User PROCLIB and Executing PROCs

VIII. INCLUDE and SET Statements: Creating INCLUDE Members with SYMBOLICS

IX. IBM Utility SORT Creating JCL for Sorting Sequential Files