

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