



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

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JCL for Application Developers

Introduction to JCL

Applications Overview
What does JCL Do?
What does JCL Look Like?
Test Cycle
Common Errors

JCL Basics

Basic Format
JOB Statement
EXEC Statement
Input DD Statement
The DISP parameter
Positional & Keyword Parameters
Common Syntax Errors
Allocation Problems

DD Statement Basics

SYSIN Data Set
SYSOUT Data Set
SYSOUT Keyword
OUTPUT Statement
INCLUDE Statement
JOBLIB & STEPLIB
Other DD Statements

DCB Parameters

Overview
Format
Examples
Blocks & Block Size
Calculating Block Size
Mapping DCB Parameters

Allocating Data Sets

Device Parameters
Permanent & Temporary Data Sets
Dummy Data Sets



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- Concatenation
- Disk Data Sets
- Calculating SPACE parameters
- Partitioned Data Sets
- Tape Data Sets

Conditional Execution & Referback

- Purpose of Conditional Execution
- Condition on the JOB Statement
- Condition on the EXEC Statement
- IF-THEN-ELSE-ENDIF
- IF Statement Relational Expression
- COND vs. IF Statement
- IF Statement Considerations
- IF Statement Examples
- Handling Internal and External ABENDS
- Purpose of Referback
- Referback Format & Examples

Cataloged Procedures

- Advantage of Using Procedures
- Invoking a Procedure
- Procedure Libraries
- Creating a Procedure
- In-Stream Procedure
- Cataloged Procedure
- Overriding Parameters
- Symbolic Parameters
- Assigning Defaults to Symbolic Parameters
- Output Listing Results

JES2 Statements

- Definition
- Syntax Rules
- /*ROUTE
- /*MESSAGE
- /*OUTPUT
- /*JOBPARM

Utilities

- Definition
- Data Set Utilities



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IEBGENER
IEBCOPY
IEBPTPCH
IEFBR14
IDCAMS (non-VSAM)
PRINT
REPRO
DELETE

Generation Data Groups

Definition
Processing GDG Files
Creating Generation Group Index
Creating a DSCB Model
Accessing GDG Files Using Models

Appendix

Full Description of Statement Types
Full Description of some JES2 Statements
Full Description of some Utilities
System Completion Codes
Basic examples of sort and merge

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