JCL-QA
PRODUCT SHEET

Overview

JCL-QA is a high speed JCL analysis, validation and reporting tool. Designed for high speed processing at affordable prices, JCL-QA will provide concise system level checking by combining standard IBM processing with JCL-QA's custom rules to verify in-house defined standards.

Based on DTS Software's MONitor product, JCL-QA simulates the job flow found in batch jobstreams and provides extensive validation and error checking to guarantee that jobs are error-free before they run, eliminating costly production downtime and speeding up JCL creation and testing.
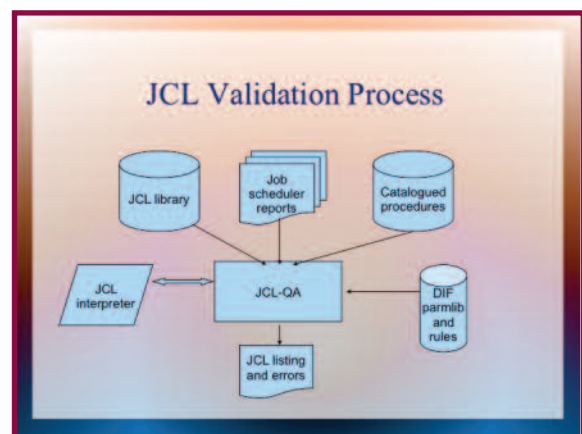
The JCL-QA Process

Each job stream is driven through the operating system's converter/interpreter program to expand the JCL. The operating system builds internal control block structures for each input job stream. JCL-QA can then process these control blocks and drive them through validation routines and/or installation rules for standards enforcement. When processing multiple input job streams, the jobs can be "ordered" and JCL-QA can simulate catalog and VTOC updates occurring between the scanned job streams.

JCL-QA is based on the JCL scan facility used by the MON-Snapshot to scan and report on JCL found in PDS and sequential datasets. JCL-QA is an enhanced version of the original JCL scan facility. The product has been designed to simulate the job flow found in a batch window, and to perform a series of tests on the job streams to validate that the jobs will run on the target system.

Features

- Validates volume and unit names
- Validates SMS construct names used by the JCL
- Validates dataset availability and usage
- Ensures that the programs executed by steps are found in the appropriate STEPLIB, JOBLIB or system libraries
- Simulates passed dataset usage in a job
- Simulates catalog activity as one or more jobs are "executed"
- Can enforce installation JCL standards
- Simulates jobs on remote systems

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Benefits

- High speed JCL validation minimizes overnight production impact
- Affordable pricing
- Ensures system compatibility by utilizing the operating system's converter/interpreter program to expand the JCL
- Provides maximum flexibility utilizing modern rules language
- Proven code – based on existing MONitor product
- DTS renowned support

Design Support

- Runs in z/OS from ISPF or as a batch job
- Supports major job scheduling systems:
    - CA-7
    - Control/M
    - Zeke
    - Tivoli Workload Scheduler (OPC)

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