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PRODUCT DATASHEET

SmartJCL

Faultless JCL coding for secure and efficient mainframe operations.

SmartJCL ensures JCL (Job Control Language) quality across z/OS environments. It reduces errors, enforces standards, and integrates with leading schedulers to improve production reliability and efficiency.

DATA MANAGEMENT
JCL VALIDATION
MAINFRAME AUTOMATION

KEY BENEFITS

Ensure JCL Quality and Reliability

Prevent Production Errors

Identify and rectify JCL syntax, missing files, and program errors before they impact production, reducing outages.

Streamline Change Management

Automate JCL changes and integrate with version control, simplifying modifications and maintaining audit trails.

Enforce Site Standards

Automatically reformat JCL and validate against custom rules, ensuring consistency and readability across teams.

Future-Proof Operations

Integrate with modern development tools like VS Code and schedulers, extending mainframe value and mitigating skills gaps.

PURPOSE-BUILT SOLUTIONS

Comprehensive JCL Management for Your Enterprise

JCL Validation	Thoroughly check JCL syntax, program availability, dataset allocation, and access authority.
JCL Reformatting	Standardize JCL layout and readability by automatically applying company-specific formatting rules.
Scheduler Integration	Seamlessly integrate with IWS z/OS and Control-M for variable substitution and production sequence checks.
Remote Checking	Validate JCL from test systems against production libraries on remote systems via TCP/IP.
Change Facility	Implement automatic and mass changes to JCL, including parameter values, deletions, and conditional modifications.
REXX Interface	Customize JCL verification and modification rules using REXX for advanced site-specific standards enforcement.

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KEY PRODUCT FEATURES

Advanced Features for JCL Validation and Control

Comprehensive JCL Checking
Analyze procedures, symbolic parameters, utility statements, DASD/UNIT availability, and dataset availability.

Scheduler Variable Substitution
Accurately resolve Control-M and IWS z/OS variables for realistic JCL validation before execution.

Catalog Action Simulation
Predict the outcome of dataset allocations and deallocations in advance, preventing conflicting disposition parameters.

Production Sequence Checking
Sort jobs by planned start times and validate in correct run sequence, avoiding "dataset not found" errors.

ISPF and VS Code Integration
Access SmartJCL directly from ISPF or Visual Studio Code for immediate feedback and enhanced developer experience.

Custom Standards Enforcement
Define and apply site-specific JCL rules without coding, using an intuitive ISPF rule dialog.

Automated JCL Changes
Perform mass changes to JCL parameters or statements, increasing efficiency and reducing manual effort.

Detailed Error Reporting
Receive clear error messages with labels, message numbers, and text for quick identification and resolution.

CUSTOMER SUCCESS STORY

Improving ROI with SmartJCL Quality Assurance

A large organization deployed SmartJCL to validate a new application package. By simulating eleven production days across 450,000 jobs, SmartJCL identified 28,000 missing files and other errors, preventing costly production issues.

"SmartJCL had caught errors in advance, preventing additional costs."

Production Planning, Large Organization

100 %

Jobs analyzed within 6 hours during a simulated eleven-day production run.

28 K

Missing files identified through SmartJCL's catalog check feature.

1 M+

Jobs checked monthly for proactive quality assurance after initial success.

Are You Ready for Faultless JCL and Reduced Production Errors?

Discover how SmartJCL can ensure the quality of your JCL, streamline operations, and prevent costly mainframe production delays.

TALK TO OUR TEAM LEARN MORE

IBM Silver Partner

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