SmartJCL™

The cost-efficient way to check for JCL errors

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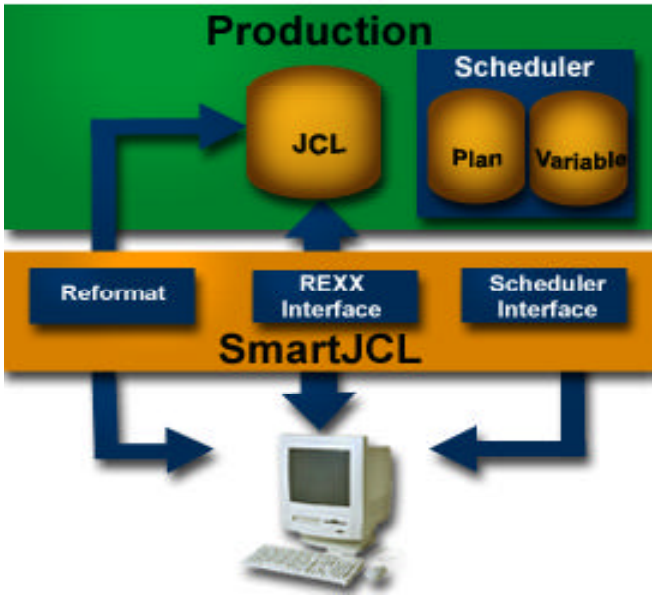
The Importance of Job Control Language

In order for today's modern businesses to remain competitive, Production systems must be highly available and reliable. Job Control Language (JCL) is an essential part of keeping systems running smoothly. Errors in JCL coding can have detrimental effects on Production and cause unwanted delays.



Due to the complexity, each time new JCL is introduced, or existing language is changed, the potential for errors is great. Under deadlines and time constraints, it is not always possible to thoroughly test Production JCL for ALL events *before* the Applications are submitted into Production.

The implications of poorly-written JCL code often go unrecognized:

- CPU time is wasted
- System resources are not fully utilized
- System availability is compromised.

SmartJCL checks the JCL - ahead of submission - for common errors, and eliminates problems at the source. This *dramatically* reduces the number of Abends, which, in turn, eliminates time wasted during a tight batch window. The associated expenses of searching for problem sources under a time constraint - often during the middle of the night - are also greatly reduced.

SmartJCL also offers integrated scheduler interfaces, a powerful re-format function, and a REXX interface that allows you to easily adapt the product to your own requirements.

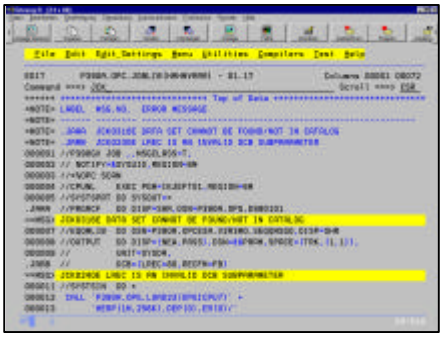
If you are looking for a more cost-effective way to ensure a high quality of JCL, SmartJCL is *the* solution:

An affordable tool that is nonetheless completely reliable and easy-to-use.

Areas of Application

SmartJCL is the JCL tool for any data center wanting to avoid typical JCL mistakes, such as:

- Syntax errors
- Missing files, programs, procedures
- Errors caused by incorrect scheduler variables.

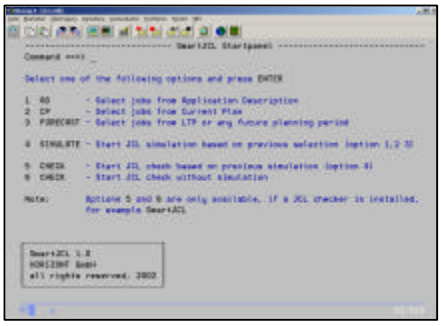


Edit Macro Interface
SmartJCL can be invoked from the ISPF editor. Possible errors are highlighted as "NOTE" lines.

Data Sources

SmartJCL analyzes JCL and all of its relevant components:

- Procedures
- Symbolic parameters
- IDCAMS statements
- DASD and UNIT availability
- Dataset availability
- Scheduler variables

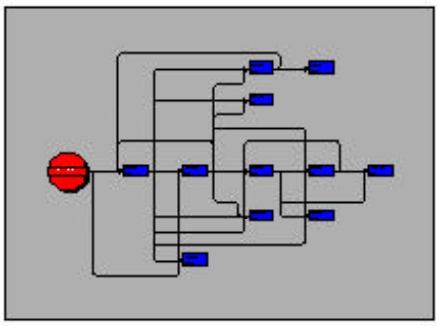


Scheduler Interface
SmartJCL has interfaces to TWS (Tivoli Workload Scheduler) and Control-M. Jobs to be checked can be selected by scheduler-specific values, such as Application, Owner or Workstation.

Additional Functions

In addition to basic JCL validation, SmartJCL also:

- Simulates catalog actions. E.g., If a file is deleted by a Job and a succeeding Job contains a DISP=SHR statement, an error is returned.
- Substitutes scheduler variables with the correct values.
- Allows validation of site-specific standards by using REXX interface.
- Automatically formats and changes JCL according to site standards, e.g. alignments of parameters.



Checking Job Streams
SmartJCL can check complex Job Streams. Catalog actions can be simulated in advance, thus avoiding conflicting disposition parameters.