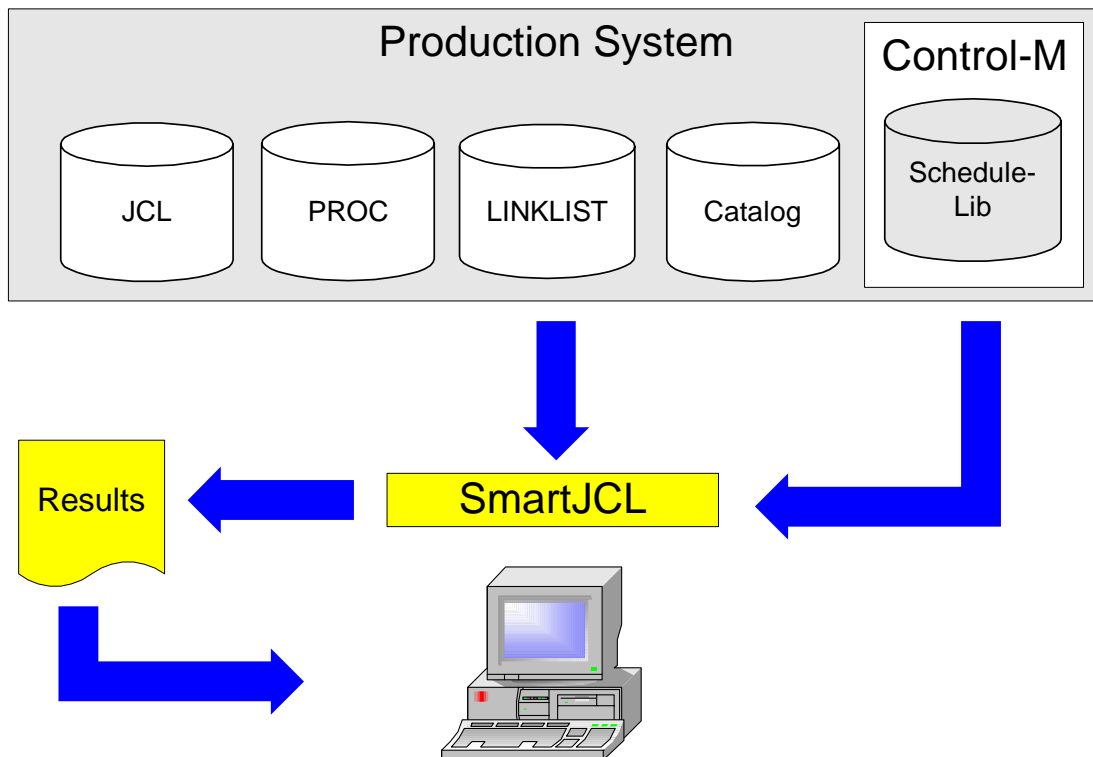


SmartJCL[®]

The Easy Way to Faultless JCL

Despite all predictions to the contrary, the number of mainframe jobs continues to grow. As a result, old JCL has to be modified and new JCL has to be created. But production JCL cannot normally be tested – and that's a problem.

→ The upshot: New or modified JCL is a potential cause of errors in production. SmartJCL eliminates problems at the source, thus reducing the number of abends dramatically.



One of the benefits is the integrated interface to "Control-M". The variables are substituted by corresponding values, JCL can be validated completely.

SmartJCL
The Easy Way to Faultless JCL

→ You need a JCL checker that validates your JCL at an affordable price. No more and no less. That JCL checker is SmartJCL.

HORIZONT
Software for Datacenters

Garmischer Str. 8
80339 Munich, Germany
Tel. +49-89-540162-0
www.horizont-it.com

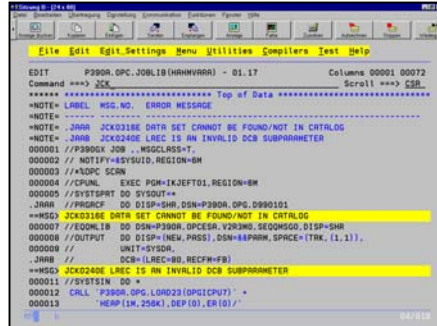
SmartJCL[®]

The Easy Way to Faultless JCL

Area of Application

SmartJCL is the JCL checker for all Datacenters that want to reduce typical JCL mistakes such as:

- Syntax errors
- Missing files, programs and procedures
- Errors caused by incorrect Control-M variables



```
EDIT P390R.DPC.JOBLIB(DHMHVRR) - 01.17 Columns 00001 00072
Command ==> JCL
===== Top of Data =====
+NOTE= LABEL MSG.NO. ERROR MESSAGE
+NOTE= .....
+NOTE= JCK0318E DATA SET CANNOT BE FOUND/NOT IN CATALOG
+NOTE= JAR8 JCK0240E LRECL IS AN INVALID DCB SUBPARAMETER
000001 //P390R JOB ,MSGCLASS=T,
000002 // NOTIFY=KEYUID,REGION=H
000003 //*DPC SCRN
000004 //CPUNL EXEC PGM=IKJEFT01,REGION=H
000005 //SYSTEM DD SYSUT=*
000006 //JARR //PGRFCF DD DISP=SHR,DSN=P390R.DPC.D980101
+MSG= JCK0318E DATA SET CANNOT BE FOUND/NOT IN CATALOG
000007 //COOLIB DD DSN=P390R.SPICER.V23000.SICQSSG,DISP=SHR
000008 //OUTPUT DD DISP=(NEW,PASS),DSN=HAPARR,SPACE=(TRK,(1,1)),
000009 // UNIT=SYS0R,
000010 // JARR // SCB=LRECL=80,RECFM=FB)
+MSG= JCK0240E LRECL IS AN INVALID DCB SUBPARAMETER
000011 //SYSTSIN DD *
000012 CALL P390R.DPC.L0023(SMCLCPU7) *
000013 NEWP(1M,258K),DEP(0),EA(0)/*
04/01/18
```

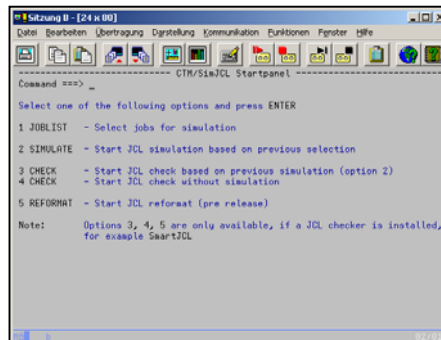
Edit Macro Interface

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

Data Sources

SmartJCL analyzes JCL and all relevant components:

- JCL
- Procedures
- Symbolic parameters
- IDCAMS statements
- DASD and UNIT availability
- Dataset availability



```
Sitzung B - [24 x 80]
Datei Bearbeiten Übertragung Darstellung Kommunikation Funktionen Fenster Hilfe
----- CTR/SimJCL Startpanel -----
Command ==>
Select one of the following options and press ENTER
1 JOBLIST - Select jobs for simulation
2 SIMULATE - Start JCL simulation based on previous selection
3 CHECK - Start JCL check based on previous simulation (option 2)
4 CHECK - Start JCL check without simulation
5 REFORMAT - Start JCL reformat (pre release)
Note: Options 3, 4, 5 are only available, if a JCL checker is installed,
for example SmartJCL
04/01/18
```

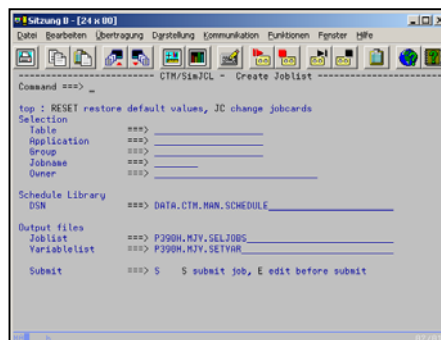
Control-M Interface

The interface of SmartJCL is Control-M compliant. Variables are substituted by its corresponding values.

Additional Features

In addition to JCL validation, SmartJCL:

- Simulates GDG processing
- Simulates catalog actions.
Example: If a file is deleted by a job and a succeeding job contains a DISP=SHR statement, an error is returned.
- Simulates Control-M variable substitution, replacing variables by correct values



```
Sitzung B - [24 x 80]
Datei Bearbeiten Übertragung Darstellung Kommunikation Funktionen Fenster Hilfe
----- CTR/SimJCL - Create Joblist -----
Command ==>
top : RESET restore default values, JC change jobcards
Selection ==>
Table ==>
Application ==>
Group ==>
Jobname ==>
Owner ==>
Schedule Library
DSN ==> DATA.CTR.MAN.SCHEDULE
Output files
Joblist ==> P390R.MTV.SELJOBG
Variablelist ==> P390R.MTV.SETVAR
Submit ==> S S submit job, E edit before submit
04/01/18
```

Select Jobs to be Checked

Jobs to be checked can be selected by Control-M values such as table, application, group or owner.