

csar

Mainframe Job Scheduling



MEMBER OF THE ops Pack

csar

INTERACTIVE JOB SCHEDULING FOR OS/390,VSE AND VM

csar, the Computer Scheduling and Reporting system, lets you control your data center's production workload by automating job scheduling and reporting. Its ease of installation and operation provide immediate control of all scheduling activity from data preparation to output delivery. csar helps organize existing applications, manage production, track current jobs and evaluate the effects of new jobs.

csar produces daily and monthly performance statistics which highlight job on time performance, thus allowing management complete control of their DP environment and increasing user satisfaction by on time performance.

csar helps organize and control workflow efficiency with detailed operations schedules and flowcharts. It automatically submits jobs in the proper sequence keeping partitions/initiators busy, thereby improving system throughput and saving dollars. With csar installed, human intervention is kept to a minimum and errors are eliminated. Jobs can't get lost, and reruns are few and far between.

POWERFUL JOB SCHEDULING

csar provides a real time facility for scheduling production workload based on multiple calendars, holidays and business days, frequency codes and accounting periods. ISPF online interface allows for monitoring and making changes to the schedule.

REAL TIME MONITOR

The csar Monitor automatically submits jobs based on date, time and successful completion of predecessor jobs. Internal and external security can be applied to access of jobs and scheduling commands.

FLEXIBLE JCL MANAGEMENT

JCL can be stored in one or more libraries and users can create a model at submission time. REXX-style functions can be invoked to modify the JCL that is generated at submission time.

REPORTING

Users can print schedules of jobs to be run in the next 24 hours and one year schedules by job. Job Accounting reports, Job Flow charts and Statistics on jobs run late, abended and jobs rerun can also be created and printed by csar.

```
-----CSAR Job Setup Data-----RELEASE MVS 3.2.010
COMMAND====>
PRESS "UP" OR "DOWN" TO BROWSE- MODIFY TO UPDATE
JOB NAME          ARCMNTHY      DISPOSITION      4
EFFECTIVE DATE    940701          DISCONTINUE DATE 741231
APPLICATION       OPER          DEPARTMENT       OPS
CPU               A              CLASS            X
PRIORITY          00             USE CODE         2
DURATION/UNITS    0011          M
FREQUENCY STND    MFB           CALENDAR ID      CLD1
EARLY START TIME  0700          LATE FINISH TIME NONE
JCL LIB/MEMBER    _____    USER ID/PASSWORD _____
MAX CC/ABEND PROC 0000          USER DATA      _____

SUCCESSORS        TLF30D00 _____

DESCRPT           MONTHLY ARCHIVE FILE BACKUP

C107 0004/1 TR4207 1440 MN CSARS32 7.1 FRI 30 APR 99.120 09:39:04
-USERID- TRAN/S -TERMID- TIMEOUT SCHEDFILE REF -----DATE----- --TIME--
```

ONLINE HELP

csar provides online context sensitive help for all functions and messages produced by csar.

TECHNICAL SUMMARY

csar is the complete solution to all your scheduling needs. It provides the computer operations personnel with a tool for improving system productivity by simplifying, organizing and automating your production workload.

csar uses two master files in its operations. One is the csar Scheduling File which contains job statistics and historical information. All user maintenance is performed against this file which is maintained online. The second file is the Dynamic Scheduling File which is used to control real time functions of the system. Both are VSAM databases.

FEATURES AND BENEFITS

- Scheduling Features
- ISPF (OS/390), CICS (VSE) and CMS (VM) online update of schedule definitions
- Batch updates include mass change/delete
- Multiple calendars which define holidays and business days
- Comprehensive frequency codes, including scheduling by accounting period
- Scheduling of jobs, events and monitor commands, messages and system commands
- Multiple CPU and work center scheduling
- Resource scheduling

REAL TIME MONITOR

- Automatic job submission based on date, time, completion of predecessor jobs and availability of resources

MAXIMUM CONDITION CODE CHECKING

- Job status inquiry, submit job, post events or make changes to the schedule
- Monitor Log
- Full Security
- Restrict commands by user
- Access to jobs restricted by user
- Monitor command procedures
- Automated processing available on abend

DATA SET TRIGGER

- On OS/390 systems, job submissions, monitor command and procedures, and MVS commands may be triggered by creation, deletion or modification of data sets

FLEXIBLE JCL HANDLING

- JCL may be stored in one or more partition data sets, Librarian or Panvalet libraries for OS/390 systems. csar/VSE supports ICCF, BIM-Edit, CMS, Librarian, Condor and other library systems
- Users can create "Model JCL" which is then modified at submission time based on run date and parameter values which can be specified by the user. REXX-style functions can be used for string manipulation and date/time handling during JCL generation at job submission time

REPORTING

- Printed schedules of jobs to be run
- Forecasting
- Statistics on jobs run late, abends and reruns
- Job accounting reports
- Scheduling file list with comprehensive cross reference
- Flow charts
- One year schedules by job

SECURITY

- RACF and all SAF (Security Access Facility) compatible security products are supported

ONLINE HELP AND TUTORIALS

- Online help for CSAR messages including a "point & shoot" capability for the monitor and logfile screen
- Context sensitive, multi-level help screens

HARDWARE/SOFTWARE REQUIREMENTS

- CSAR installs in less than a day and requires no hooks or system Modifications
- CSAR will run on all levels of OS390, VSE/ESA and VM/CMS

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