

ALLOCATION CONTROL CENTER: 'KEEP AWAY' PERFORMANCE-SENSITIVE DATA SETS

OS390 Allocation is fine for most data sets but data sets that are performance sensitive require special handling. The 'Guaranteed Space' option can be used but is that really system managed storage or user managed storage? ACC's Keep Away algorithm will ensure the data sets are not allocated to the same volume without having to specify each VOLSER.

1818 Lakefield Court SE
Conyers, GA 30013

Phone
770-922-2444

Fax
770-860-0831

Email
info@DTSsoftware.com
www.DTSsoftware.com

DTS
SOFTWARE, INC.

User:

Identify data sets that should NOT be on the same volume. Each data set name must be specified. Patterns are not allowed.

ACC will allocate each data set to a Volume free of the other 'Keep Away' data sets in the same DEFGROUP.

```
DEFGROUP  G1
(PAYROLL.MASTER, PAYROLL.HISTORY)
DEFGROUP  G2
(CICS1.CNTL, CICS2.CNTL, CICS3.CNTL)

IF  DSNAME = CICS?.CNTL
   ACCT(1)  = CICS*
   THEN DISKPOOL=KEEP01

DEFPPOOL KEEP01 ALG(SRM KEEPAWAY)
VOL(CICS*)
```

If a job is trying to allocate a CICS?.CNTL data set and the first accounting field on the JOB Card (ACCT1) starts with CICS, then ACC will try to place the data set on a volume that starts with CICS and does not contain another CICS?.CNTL data set. Once the list of volumes in the CICS* pool that do not contain a CICS?.CNTL data set is created, SRM will be called to order the list of volumes.

Large number of data sets:

If there are more data sets than there are volumes in the pool, ACC will try to pick the volume with the least number of conflicts.