

Estimating the Sort Data Set

Option "S" (Sort) displays the Sort Storage menu:

```

08:44:07          ***** A D A B A S  BASIC SERVICES *****          2006-07-14
                                - SORT STORAGE -                                PSPS002

                                Code  Service
                                ----  -
                                I    ADAINV
                                L    ADALOD load
                                U    ADALOD update
                                ?    Help
                                .    Exit
                                ----  -

Code ..... _
File Number ..
Database ID .. 105      (RD-MPM105)
    
```

The functions on this menu are used to estimate the storage needed on SORT for the utility function chosen.

This chapter covers the following topics:

- ADAINV Sort
- ADALOD LOAD Sort
- ADALOD UPDATE Sort

ADAINV Sort

The storage needed on SORT for the ADAINV utility function is estimated using the following screen:

```

08:48:25          ***** A D A B A S  BASIC  SERVICES  *****          2006-07-14
                   - Sort Storage          - ADAINV -          -          PSPSS02

File Number ..... 16
Number of records ( Default: TOPISN ) ..... 25649          (reduce number if
Name of the field to be processed .....          field is NU)

Average compressed descr. length (in Bytes)
of the biggest descriptor .....
Occurrences of periodic groups ..... 1
Occurrences of multiple fields ..... 1
SORT device-type ..... 8391
LWP-parameter ..... 1000000
Database-ID ..... 105
Password (if required) .....

-----

Required number of blocks (minimum) .....
Required number of cyls. (minimum) .....

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Dis Field          Menu
    
```

PF4 (Dis Field) invokes a Field Selection screen:

```

08:48:27          ***** A D A B A +-----+ 05-03
                   - Sort Storang |          | 02
                                     |          |
                                     | Please mark with 'X': |
                                     |          |
File Number ..... |          |          |          |
Number of records ( Default: TOPI | Selection | Field |          |
Name of the field to be processed | Name     | Length | if
-----|-----|-----|-----|
Average compressed descr. length ( | -       | LC    | 250 |
of the biggest descriptor ..... | -       | LG    | 65_ |
Occurrences of periodic groups .... | -       | LK    | 90_ |
Occurrences of multiple fields .... | -       | LM    | 250 |
SORT device-type ..... | -       | LQ    | 8__ |
LWP-parameter ..... | -       | LR    | 8__ |
Database-ID ..... | -       | LS    | 8__ |
Password (if required) ..... | -       | LT    | 8__ |
-----|-----|-----|-----|
Required number of blocks (minimum | -       | LU    | 8__ | -
Required number of cyls. (minimum  | -       | LV    | 96_ |
                                     | -       | LI    | 32_ |
                                     | -       | L3    | 14_ |
                                     |          |          |          |
Enter-----PF3-----PF7-----PF8- |          |          |          |
Back      <      > |          |          |          |
PF1----- PF2----- PF3----- PF4--- |          |          |          |
Help          Exit          Dis Fi +-----+
    
```

ADALOD LOAD Sort

For the ADALOD LOAD calculation, the default number of records is MAXISN rather than TOPISN as it is for the ADAINV function:

```
08:49:51          ***** A D A B A S  BASIC SERVICES *****      2006-07-14
                   - Sort Storage - ADALOD UPDATE - - -          PSPSS02

File Number ..... 16
Number of records ( Default: 0 ) ..... (reduce number if
                                         field is NU)
```

ADALOD UPDATE Sort

For the ADALOD UPDATE calculation, the default number of records is 0:

```
08:50:42          ***** A D A B A S  BASIC SERVICES *****      2006-07-14
                   - TEMP STORAGE - - - - -                    PSPT002

Code Service
-----
I  ADAINV
L  ADALOD load/update
U  ADALOD delete
?  Help
.  Exit
-----

Code ..... _
File No. ....: 16
Database ID .. 105 (RD-MPM105)
```