

# File Server Statistics

If a file server has been installed, the file server statistics part of the Natural Tools for DB2 is used to display statistics on the use of the file server.

## ▶ To invoke the File Server Statistics function

- Enter function code "F" on the Natural Tools for DB2 Main Menu.

The File Server - Generation Statistics screen is displayed:

```

16:53:20                ***** NATURAL TOOLS FOR DB2 *****                1999-09-30
                        - File Server - Generation Statistics -

File Server Dataset Name .....: SAG.N2122.FSERV
Enqueue Resource Name .....: FSERVV609
Total Number of File Server Blocks .....: 1000
File Server Block Size .....: 4080
Number of Space Map Blocks .....: 2
Number of Global Directory Blocks .....: 1
                                Entries .....: 203
User Space Allocation Quantities Primary ....: 50
                                Secondary ..: 10
Total Number of Blocks permitted per User ...: 200

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit                               Next  Canc
  
```

This screen provides information on parameters that must be specified when generating the file server.

If the file server storage medium is the Software AG Editor buffer pool, the File Server - Generation Statistics screen looks as follows:

```

16:53:20          ***** NATURAL TOOLS FOR DB2 *****          1999-09-30
                   - File Server - Generation Statistics -

File Server Dataset Name .....: STORAGE MEDIUM IS EDITOR BUFFER POOL

Enqueue Resource Name .....:

Total Number of File Server Blocks .....: 0

File Server Block Size .....: 4088

Number of Space Map Blocks .....: 0

Number of Global Directory Blocks .....: 0
                               Entries .....: 0
User Space Allocation Quantities Primary ....: 20
                               Secondary ..: 10
Total Number of Blocks permitted per User ...: 100

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11--PF12---
      Help           Exit                                           Next  Canc

```

If you press PF11 (Next), a second screen is displayed, the File Server - User Statistics screen, showing statistics that have been kept since the file server was installed - Statistics since Generation -, and statistics about the current Natural session - Current Session Statistics.

```

16:53:20          ***** NATURAL TOOLS FOR DB2 *****          1999-09-30
                   - File Server - User Statistics -

Statistics since Generation:

Active Users - Maximum Number: 3           Current Number: 1
Maximum Number of used Blocks for single User .....: 200
                               for all Users .....: 200
Number of Block Allocations PRIMARY .....: 13
                               SECONDARY .....: 17
Number of free Blocks .....: 997
Number of INIT SESSION Calls .....: 65

Current Session Statistics:

Total Number of Blocks .....: 0
                               Free Blocks .....: 0
                               Secondary Allocations .....: 0
VSAM I/O Buffer inside DB2AREA .....: YES (Yes/No)

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit                                           Prev  Canc

```

If you press PF10 (Prev), you are returned to the File Server - Generation Statistics screen.

Statistics are updated, each time you press ENTER, PF10, or PF11.

If the file server storage medium is the Software AG Editor buffer pool, the user Statistics screen looks as follows:

```

16:53:20          ***** NATURAL TOOLS FOR DB2 *****          1999-09-30
                   - File Server - User Statistics -

Statistics since Generation:

Active Users - Maximum Number: 3          Current Number: 0
Maximum Number of used Blocks for single User .....: 0
                   for all Users .....: 0
Number of Block Allocations PRIMARY .....: 0
                   SECONDARY .....: 0
Number of free Blocks .....: 0
Number of INIT SESSION Calls .....: 0

Current Session Statistics:

Total Number of Blocks .....: 20
                   Free Blocks .....: 20
                   Secondary Allocations .....: 0
VSAM I/O Buffer inside DB2AREA .....: YES (Yes/No)

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit                                Prev      Canc

```

Note that the section "Statistics since Generation" could not be provided by this display.