

Multi-Tasking MS-DOS  
Beta Test Release 1.00

Command Guide

ARENA.EXE - Prints out arena assignments

arena

The system's memory arena is printed out. The number listed under the owner field is the PID of the process which owns the memory.

BBSET.EXE - Set and report on behavior bits

bbset [-o] [ {+|-}bitname ... ] fname ...

BBSET sets or clears behavior bits in an .EXE file header. Multi-Tasking MS-DOS uses the behavior bits to determine the level of special compatibility support needed to run the application.

BBSET will set (if +bitname) or clear (if -bitname) the named behavior bit(s) from the specified files. If the -o switch is specified, BBSET writes a report on the current setting of all the defined behavior bits to stdout after making the requested changes.

For a list of behavior bits that BBSET knows about, type BBSET without any arguments.

COUNTDOW.EXE - Count down a CPU loop

countdown number

Its argument is a number; it counts the number down to 0, at about a 1hz rate. It prints out the countdown. Another CPU loop program like TEXT, but this one terminates when the count reaches 0

DETACH.EXE - Detaches a child process

detach command [argument ...]

The command given is run as a background process. Detach prints out the Command Subgroup ID (CSID) which may be used as an argument to KILL to terminate the process.

HE\_DAEM.EXE - Hard error catcher

```
detach he_daem
```

Intercepts hard errors, reports them and requests user action. This should always be run in the background for now. Put the above command line in your AUTOEXEC.BAT file if you're not going to use the Session Manager (SM).

KILL.EXE - send a signal to a process

```
kill [-nn] [sig=nn] [disp=mm] pid ...
```

Sends signal nn with disposition mm to processes mentioned in pid. Defaults to SIGTERM and process tree disposition.

POUND.EXE - Exercise disk I/O system

```
pound [t]count filea fileb
```

Pound reads sequentially through filea and fileb, reading 512 bytes at a time alternating between the files on each read. When the end of file is read the following read for that file begins at the beginning of the file. If a count is specified without the preceeding "t" then pound reads 512 bytes, count number of times from each file before the program terminates. If "t" preceeds the count value then the files are read for count number of seconds before the program terminates.

SLEEP.EXE - Sleep for a while

```
sleep sec[.millisec]
```

Sleep will execute a sleep system call for the number of seconds and milliseconds specified. This might be useful in batch files to pause for an interval as opposed to waiting for a user response.

SM.EXE - Session manager

```
sm
```

Manages multiple processes running on different screens. Uses initialization file SM.INI. This

program includes the hard error catcher, so don't run HE\_DAEM if you're going to use this. See the file SM.DOC for more information.

TEXT.EXE - Loop and print text

text argument

CPU loops and prints its argument every 2 CPU seconds or so