

NAME

hs – RH11/RS03-RS04 fixed-head disk file

DESCRIPTION

The files *hs0* ... *hs7* refer to RJS03 disk drives 0 through 7. The files *hs8* ... *hs15* refer to RJS04 disk drives 0 through 7. The RJS03 drives are each 1024 blocks long and the RJS04 drives are 2048 blocks long.

The *hs* files access the disk via the system's normal buffering mechanism and may be read and written without regard to physical disk records. There is also a "raw" interface which provides for direct transmission between the disk and the user's read or write buffer. A single read or write call results in exactly one I/O operation and therefore raw I/O is considerably more efficient when many words are transmitted. The names of the raw HS files begin with *rhs*. The same minor device considerations hold for the raw interface as for the normal interface.

In raw I/O the buffer must begin on a word boundary, and counts should be a multiple of 512 bytes (a disk block). Likewise *seek* calls should specify a multiple of 512 bytes.

FILES

/dev/hs?, /dev/rhs?

BUGS