

(P-MGR)PINIT(c)

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NAME

(P-Mgr)pinit – initialize the process manager

SYNOPSIS

P_INIT = 4

INPUT

```
struct {
    struct msghdr i_hdr;
    int i_maxprc; /*Maximum number of processes in system */
    int i_rootdev; /* major/minor device for root file system */
    int i_swapdev; /* major/minor device for swap area */
    int i_rootprc; /* device driver process for root file system */
    int i_rootprc; /* device driver process for swap area */
    int i_syslib[2]; /*Creation date of system library */
    int i_ubmap[2]; /* Unibus map allocation bits */
    int i_slssid; /* Segment ID of kernel */
    int i_sloff; /* Offset into kernel segment of system library */
    int i_nprc; /* Number of processes in boot image */
    struct {
        char i_pn; /* Process number of boot process*/
        char i_nseg; /* Number of segments in the process */
        char i_iprior; /*processor priority of the process */
        char i_sprior; /* Scheduler priority */
        int i_seg; /*Segment ID of the segment making up the process */
    } i_blk[];
};
```

VALUES

none

DESCRIPTION

The init message is used to pass several system generation parameters to the process manager. The process manager initializes its internal tables, copies the PCB of the nub process into an internal buffer, then terminates the nub process.

DIAGNOSTICS

none