ERRPROC(e)

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NAME

errproc – error logger

SYNOPSIS

/etc/errproc

DESCRIPTION

Errproc is the system error logging process. It connects to the first system process port and waits in a receive message mode. All device driver processes send an error message (type -3) to the process connected to system port 0 in the system. If there is no error logger, these messages are ignored. The message contains:

```
struct errmsg {
        struct msghdr er_hdr;
        char    er_words;       /* number of device registers */
        char    er_unit;        /* logical unit */
        char    er_retry;       /* number of retries */
        char    er_blk0;        /* high-order 8-bit block number */
        int     er_blk1;        /* low-order block number */
        int     er_dev;         /* two character device code */
        int     er_reg[];       /* device registers */
};
```

The device registers in the error message contain the contents of the device registers at the time of occurrence of the error. The number of device registers is contained in *er_words*. The device driver will retry the I/O up to 10 times before returning a fatal error condition on the I/O. The transient as well as fatal errors are recorded. The information in each message received is written on the error logger file (/etc/errlog) in ascii. If the file does not exist, it will be created.

FILES

/etc/errlog.

SEE ALSO

BUGS