

## NAME

`errpt` - process a report of logged errors

## SYNOPSIS

```
errpt [ -a ] [-dev ] ... [ -int ] [ -mem ] [ -power ] [ -ovfl ] [ -prdev ] - [ -s
date ] [ -e date ] [ -pn ] [ -f ] [ file ... ]
```

## DESCRIPTION

*Errpt* processes data collected by the error logging mechanism (*errdemon*(1M)) and generates a report of that data. The default report is a summary of all errors posted in the files named. Options apply to all files and are described below. If no files are specified, *errpt* attempts to use */errlog/errfile* as *file*.

A summary report notes the options that may limit its completeness, records the time stamped on the earliest and latest errors encountered, and gives the total number of errors of one or more types. Each device summary contains the total number of unrecovered errors, recovered errors, errors unable to be logged, I/O operations on the device, and miscellaneous activities that occurred on the device. The number of times that *errpt* has difficulty reading input data is included as read errors.

Any detailed report contains, in addition to specific error information, all instances of the error logging process being started and stopped and any time changes (via *date*(1)) or configuration changes (for MERT environment only) that took place during the interval being processed. A summary of each error type included in the report is appended to a detailed report.

A report may be limited to certain records in the following ways:

- `-s date` Ignore all records posted earlier than *date*, where *date* has the form **mmddhhmmyy**, consistent in meaning with the *date*(1) command.
- `-e date` Ignore all records posted later than *date*, whose form is as described above.
- `-a` Produce a detailed report that includes all error types.
- `-dev` A detailed report is limited to *dev*, a block device identifier. *Errpt* is familiar with the common form of identifiers (e.g., rs03, RS04, hs; see Section 4 of this volume). Currently, the block devices for which errors are logged are RP03, RP04, RP05, RP06, RS03, RS04 TU10, TU16, RK05, RF11.
- `-int` Include in a detailed report errors of the stray-interrupt type.
- `-mem` Include in a detailed report errors of the memory-parity type.
- `-power` Include in a detailed report any power-fail restarts.
- `-ovfl` Include in a detailed report certain operating system table overflows. In particular report overflows of the file, process, inode and text tables.
- `-prdev` Include in a detailed report filesystem errors. In particular report bad block, bad count, no space, and out of inode messages.
- `-p n` Limit the size of a detailed report to *n* pages.
- `-f` In a detailed report, limit the reporting of block device errors to unrecovered errors. For the `-ovfl` and `-prdev` options, the operating system will produce at most one message every 2 minutes if the same error is being encountered repetitively. Repetitions of the same message will be recorded as "unlogged" errors in a subsequent report. This technique is used to avoid excess operating system overhead when a resource becomes congested, unavailable, or full.

## FILES

*/errlog/errfile* - default error file

SEE ALSO

errfile(5), errdemon(1M), errdead(1M)