NAME

restor – incremental file system restore

SYNOPSIS

restor key [arguments]

DESCRIPTION

Restor is used to read magtapes dumped with the *dump* command. The *key* argument specifies what is to be done. *Key* is a character from the set **trxw.**

- **t** The date that the tape was made and the date that was specified in the *dump* command are printed. A list of all of the i-numbers on the tape is also given.
- **r** The tape is read and loaded into the file system specified in *arguments.* This should not be done lightly (see below).
- **x** Each file on the tape is individually extracted into a file whose name is the file's i-number. If there are *arguments*, they are interpreted as i-numbers and only they are extracted.
- **f** Read the dump from the next argument file instead of the tape.
- **i** All read and checksum errors are reported, but will not cause termination.
- **w** In conjunction with the **x** option, before each file is extracted, its i-number is typed out. To extract this file, you must respond with **y.**

The **r** option should only be used to restore a complete dump tape onto a clear file system or to restore an incremental dump tape onto this. Thus

```
/etc/mkfs /dev/rp0 40600
restor r /dev/rp0
```

is a typical sequence to restore a complete dump. Another *restor* can be done to get an incremental dump in on top of this.

A *dump* followed by a *mkfs* and a *restor* is used to change the size of a file system.

FILES

/dev/mt0

SEE ALSO

ls (I), dump (VIII), mkfs (VIII), check (VIII), clri (VIII)

DIAGNOSTICS

There are various diagnostics involved with reading the tape and writing the disk. There are also diagnostics if the i-list or the free list of the file system is not large enough to hold the dump.

BUGS

There is redundant information on the tape that could be used in case of tape reading problems. Unfortunately, *restor's* approach is to exit if anything is wrong.

Files that have been deleted are not removed when incremental tapes are loaded. It will be necessary to *check* the restored file system and *clri* any files that show up with a 201 delta diagnostic.

The current version of *restor* does not free space occupied by files that are overwritten. Thus a *check* will have to be performed to reclain the missing space.