

**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 are 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.
- 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**

dump, mkfs, check, 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 reclaim the missing space.