

CPIO(V)

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NAME

cpio — format of cpio archive

SYNOPSIS

```
struct {  
  int   h_magic,  
        h_dev,  
        h_ino,  
        h_mode,  
        h_uid,  
        h_gid,  
        h_nlink,  
        h_majmin;  
  long  h_mtime;  
  int   h_namesize;  
  long  h_filesize;  
  char  h_name[h_namesize rounded to word];  
  char  data[h_filesize rounded to word];  
} archive;
```

DESCRIPTION

The *contents* of each file is recorded in an element of the array of varying length structures, *archive*, together with other items describing the file. Every instance of *h_magic* contains the constant 070707. The items *h_dev* through *h_mtime* have meanings explained in *stat(II)*. The length of the null-terminated pathname *h_name*, including the null byte, is given by *h_namesize*.

The last record of the *archive* always contains the name 'TRAILER!!!'. Special files, directories, and the trailer are recorded with

h_filesize = 0.

SEE ALSO

cpio(I), *stat(II)*

BUGS

This format should be reconciled with *archive(V)*.