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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'cpio.h.0p' command**

**\$ man cpio.h.0p**

cpio.h(0P)            POSIX Programmer's Manual            cpio.h(0P)

### PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

### NAME

cpio.h ? cpio archive values

### SYNOPSIS

```
#include <cpio.h>
```

### DESCRIPTION

The <cpio.h> header shall define the symbolic constants needed by the `c_mode` field of the `cpio` archive format, with the names and values given in the following table:

```
????????????????????????????????????????????????????????????????????????????????????
```

? Name ?	Description	? Value (Octal) ?
----------	-------------	-------------------

```
????????????????????????????????????????????????????????????????????????????????????
```

?C_IRUSR ?	Read by owner.	? 0000400 ?
?C_IWUSR ?	Write by owner.	? 0000200 ?
?C_IXUSR ?	Execute by owner.	? 0000100 ?
?C_IRGRP ?	Read by group.	? 0000040 ?
?C_IWGRP ?	Write by group.	? 0000020 ?
?C_IXGRP ?	Execute by group.	? 0000010 ?

?C_IROTH ? Read by others.	? 0000004 ?
?C_IWOTH ? Write by others.	? 0000002 ?
?C_IXOTH ? Execute by others.	? 0000001 ?
?C_ISUID ? Set user ID.	? 0004000 ?
?C_ISGID ? Set group ID.	? 0002000 ?
?C_ISVTX ? On directories, restricted deletion flag.	? 0001000 ?
?C_ISDIR ? Directory.	? 0040000 ?
?C_ISFIFO ? FIFO.	? 0010000 ?
?C_ISREG ? Regular file.	? 0100000 ?
?C_ISBLK ? Block special.	? 0060000 ?
?C_ISCHR ? Character special.	? 0020000 ?
?C_ISCTG ? Reserved.	? 0110000 ?
?C_ISLNK ? Symbolic link.	? 0120000 ?
?C_ISSOCK ? Socket.	? 0140000 ?
??	

The <cpio.h> header shall define the following symbolic constant as a string:

```
MAGIC "070707"
```

The following sections are informative.

#### APPLICATION USAGE

None.

#### RATIONALE

None.

#### FUTURE DIRECTIONS

None.

#### SEE ALSO

The Shell and Utilities volume of POSIX.1?2017, pax

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cpio.h(OP)