

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

XCU [pax](#)

## CHANGE HISTORY

First released in the Headers Interface, Issue 3 specification. Derived from the POSIX.1-1988 standard.

### Issue 6

The SEE ALSO is updated to refer to [pax](#).

### Issue 7

The <cpio.h> header is moved from the XSI option to the Base.

This reference page is clarified with respect to macros and symbolic constants.

*End of informative text.*

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