

cpio.h - Man Page

cpio archive values

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.

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 |

cpio.h - Man Page

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](#)

Copyright

Portions of this text are reprinted and reproduced in electronic form from IEEE Std 1003.1-2017, Standard for Information Technology -- Portable Operating System Interface (POSIX), The Open Group Base Specifications Issue 7, 2018 Edition, Copyright (C) 2018 by the Institute of Electrical and Electronics Engineers, Inc and The Open Group. In the event of any discrepancy between this version and the original IEEE and The Open Group Standard, the original IEEE and The Open Group Standard is the referee document. The original Standard can be obtained online at <http://www.opengroup.org/unix/online.html> .

Any typographical or formatting errors that appear in this page are most likely to have been introduced during the conversion of the source files to man page format. To report such errors, see https://www.kernel.org/doc/man-pages/reporting_bugs.html .

Referenced By

[pax\(1p\)](#).

2017 IEEE/The Open Group POSIX Programmer's Manual

cpio.h - Man Page

[Home](#) [Blog](#) [About](#)