The Open Group Base Specifications Issue 7, 2018 edition
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NAME

tar.h – extended tar definitions

SYNOPSIS

#include <tar.h>

DESCRIPTION

The *<tar.h>* header shall define the following symbolic constants with the indicated values.

General definitions:

Name	Value	Description
TMAGIC	"ustar"	Used in the magic field in the **ustar** header block, including the trailing null byte.
TMAGLEN	6	Length in octets of the magic field.
TVERSION	"00"	Used in the version field in the **ustar** header block, excluding the trailing null byte.
TVERSLEN	2	Length in octets of the version field.

Typeflag field definitions:

Name	Value	Description
REGTYPE	'0'	Regular file.
AREGTYPE	'\0'	Regular file.
LNKTYPE	'1'	Link.
SYMTYPE	'2'	Symbolic link.
CHRTYPE	'3'	Character special.
BLKTYPE	'4'	Block special.
DIRTYPE	'5'	Directory.
FIFOTYPE	'6'	FIFO special.
CONTTYPE	'7'	Reserved.

Mode field bit definitions (octal):

Name	Value	Description
TSUID	04000	Set UID on execution.
TSGID	02000	Set GID on execution.
TSVTX	01000	[XSI] ⊠ On directories, restricted deletion flag. ⌫
TUREAD	00400	Read by owner.
TUWRITE	00200	Write by owner special.
TUEXEC	00100	Execute/search by owner.
TGREAD	00040	Read by group.
TGWRITE	00020	Write by group.
TGEXEC	00010	Execute/search by group.

TOREAD	00004	Read by other.
TOWRITE	00002	Write by other.
TOEXEC	00001	Execute/search by other.

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

XCU *pax*

CHANGE HISTORY

First released in Issue 3. Derived from the POSIX.1-1988 standard.

Issue 6

The SEE ALSO section is updated to refer to *pax*.

Issue 7

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

POSIX.1-2008, Technical Corrigendum 2, XBD/TC2-2008/0084 [707] is applied.

End of informative text.

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