

Op:tar.h

tar.h - extended tar definitions

```
#include <tar.h>
```

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DESCRIPTION

The `<tar.h>` header shall define header block definitions as follows.

General definitions:

```
center; 12 12 1. Name Description Value TMAGIC "ustar" ustar  
plus null byte. TMAGLEN 6 Length of  
the above. TVERSION "00" 00 without a null byte. TVERSLEN 2 Length  
of the above.
```

Typeflag field definitions:

```
center; 1 1 1. Name Description Value REGTYPE '0' Regular file.  
AREGTYPE '1'  
None.  
' Regular file. LNK-  
TYPE '1' Link. SYMTYPE '2' Symbolic link. CHRTYPE '3' Character special. BLKTYPE '4'  
Block spe-  
cial. DIRTYPE '5' Directory. FIFOTYPE '6' FIFO special. CONTTYPE '7' Reserved.
```

Mode field bit definitions (octal):

```
center; 11 11 1. Name Description Value TSUID 04000 Set UID on execution. TSGID 02000  
Set  
GID on execution. TSVTX 01000 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

The Shell and Utilities volume of IEEE Std 1003.1-2001, **pax**

RELATED

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