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NAME

utime.h — access and modification times structure

SYNOPSIS

[OB] ⊠ #include <utime.h> ⊠

DESCRIPTION

The *<utime.h>* header shall declare the **utimbuf** structure, which shall include the following members:

```
time_t    actime     Access time.
time_t    modtime    Modification time.
```

The times shall be measured in seconds since the Epoch.

The *<utime.h>* header shall define the **time_t** type as described in *<sys/types.h>*.

The following shall be declared as a function and may also be defined as a macro. A function prototype shall be provided.

```
int utime(const char *, const struct utimbuf *);
```

The following sections are informative.

APPLICATION USAGE

The *utime()* function only allows setting file timestamps to the nearest second. Applications should use the *utimensat()* function instead. See *<sys/stat.h>*.

RATIONALE

None.

FUTURE DIRECTIONS

The *<utime.h>* header may be removed in a future version.

SEE ALSO

<sys/stat.h>, *<sys/types.h>*

XSH *futimens*, *utime*

CHANGE HISTORY

First released in Issue 3.

Issue 6

The following new requirements on POSIX implementations derive from alignment with the Single UNIX Specification:

- The **time_t** type is defined.

Issue 7

The *<utime.h>* header is marked obsolescent.

End of informative text.

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