



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'utime.h.0p' command

\$ man utime.h.0p

utime.h(0P) POSIX Programmer's Manual utime.h(0P)

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.

NAME

utime.h ? access and modification times structure

SYNOPSIS

```
#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>`

The System Interfaces volume of POSIX.1-2017, `futimens()`, `utime()`

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