

Op:times.h

sys/times.h - file access and modification times structure

```
#include <sys/times.h>
```

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DESCRIPTION

The `<sys/times.h>` header shall define the structure `tms`, which is returned by `times()` and includes at least the following members:

```
clock_t  tms_utime  User CPU time.  
clock_t  tms_stime  System CPU time.  
clock_t  tms_cutime User CPU time of terminated child processes.  
clock_t  tms_cstime System CPU time of terminated child processes.
```

The `clock_t` type shall be defined 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.

```
clock_t times(struct tms *);
```

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

RELATED

`<sys/types.h>` , the System Interfaces volume of IEEE Std 1003.1-2001,
`times()`

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