C LIBRARY FUNCTION - TIME

Description

The C library function **time_t time** $time_t * seconds$ returns the time since the Epoch $00:00:00 UTC, January 1, 1970$, measured in seconds. If **seconds** is not NULL, the return value is also stored in variable **seconds**.

Declaration

Following is the declaration for time function.

```
time_t time(time_t *t)
```

Parameters

- **seconds** -- This is the pointer to an object of type time_t, where the seconds value will be stored.

Return Value

The current calendar time as a time_t object.

Example

The following example shows the usage of time function.

```c
#include <stdio.h>
#include <time.h>

int main ()
{
   time_t seconds;

   seconds = time(NULL);
   printf("Hours since January 1, 1970 = %ld\n", seconds/3600);

   return(0);
}
```

Let us compile and run the above program that will produce the following result:

```
Hours since January 1, 1970 = 393923
```

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