



AHELP for CIAO 3.4

localtime

Context: [slangrtl](#)*Jump to: [Description](#) [See Also](#)*

Synopsis

Break down a time in seconds to local timezone

Syntax

```
Struct_Type localtime (Long_Type secs)
```

Description

The localtime function takes a parameter secs representing the number of seconds since 00:00:00, January 1 1970 UTC and returns a structure containing information about secs in the local timezone. The structure contains the following Int_Type fields:

tm_sec The number of seconds after the minute, normally in the range 0 to 59, but can be up to 61 to allow for leap seconds.

tm_min The number of minutes after the hour, in the range 0 to 59.

tm_hour The number of hours past midnight, in the range 0 to 23.

tm_mday The day of the month, in the range 1 to 31.

tm_mon The number of months since January, in the range 0 to 11.

tm_year The number of years since 1900.

tm_wday The number of days since Sunday, in the range 0 to 6.

tm_yday The number of days since January 1, in the range 0 to 365.

tm_isdst A flag that indicates whether daylight saving time is in effect at the time described. The value is positive if daylight saving time is in effect, zero if it is not, and negative if the information is not available.

See Also

slangrtl

[time](#), [ctime](#), [gmtime](#), [time](#), [toc](#)

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URL:
<http://cxc.harvard.edu/ciao3.4/localtime.tm.html>
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