Time Date utilities for students

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Chapter 1

File Index

1.1 File List

Here is a list of all documented files with brief descriptions:

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Chapter 2

File Documentation

2.1 time-date.h File Reference

Some functions for students.

Functions

- int current_month (void)
- int current_day (void)
- int current_year (void)
- int current_sec (void)
- int current_hour (void)
- int current_min (void)
- void print_current_date ()
- char * current_month_name ()
- char * month_name (unsigned char month)
- void print_month_name (unsigned char month)

2.1.1 Detailed Description

Some functions for students.

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2.1.2 Function Documentation

2.1.2.1 int current_day (void)

Returns the current day (in the urrent month) as an integer value.

Example Usage:

```
1 int day = current_day();
```

2.1.2.2 int current_hour (void)

Returns the current hour (in this day) as an integer value.

Example Usage:

```
1 int hour = current_hour();
```

2.1.2.3 int current_min (void)

Returns the current minute (in this hour) as an integer value.

Example Usage:

```
1 int minute = current_min();
```

2.1.2.4 int current_month (void)

Returns the current month as an integer value. January - 1 ... December 12

Example Usage:

```
1 int month = current_month();
```

2.1.2.5 char* current_month_name ( )

Returns the current month as a string. The function allocates no memory.

Example Usage:

```
1 char* mont_name = current_month_name();
```

2.1.2.6 int current_sec (void)

Returns the current second (in this minute, hour etc) as an integer value.

Example Usage:

```
1 int sec = current_sec();
```

2.1.2.7 int current_year (void)

Returns the current year as an integer value.

Example Usage:

```
1 int day = current_year();
```

2.1.2.8 char* month_name (unsigned char *month*)

Returns the month name of a month number supplied by the caller.

Parameters

in	*month*	the month (number) to get the name for

Example Usage:

```
1 char* mont_name = month_name(12);
```

2.1.2.9 void print_current_date ( )

Prints (to stdout) the current date

Example Usage:

```
1 print_current_month();
```

2.1.2.10 void print_month_name (unsigned char *month*)

Prints (to stdout) the name of the current month

Example Usage:

```
1 print_month_month();
```

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