

My Project

Generated by Doxygen 1.8.11

Contents

1	File Index	1
1.1	File List	1
2	File Documentation	3
2.1	time-date.h File Reference	3
2.1.1	Detailed Description	3
2.1.2	Function Documentation	4
2.1.2.1	current_day(void)	4
2.1.2.2	current_hour(void)	4
2.1.2.3	current_min(void)	4
2.1.2.4	current_month(void)	4
2.1.2.5	current_month_name()	4
2.1.2.6	current_sec(void)	5
2.1.2.7	current_year(void)	5
2.1.2.8	month_name(unsigned char month)	5
2.1.2.9	print_current_date()	5
2.1.2.10	print_month_name(unsigned char month)	5
	Index	7

Chapter 1

File Index

1.1 File List

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

time-date.h	
Some functions for students	3

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.

Author

Henrik Sandklef & Rikard Fröberg

Date

2016-11-04

2.1.2 Function Documentation

2.1.2.1 `int current_day (void)`

Returns the current day (in the current 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	<i>month</i>	- 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();
```


Index

- current_day
 - time-date.h, [4](#)
- current_hour
 - time-date.h, [4](#)
- current_min
 - time-date.h, [4](#)
- current_month
 - time-date.h, [4](#)
- current_month_name
 - time-date.h, [4](#)
- current_sec
 - time-date.h, [4](#)
- current_year
 - time-date.h, [5](#)
- month_name
 - time-date.h, [5](#)
- print_current_date
 - time-date.h, [5](#)
- print_month_name
 - time-date.h, [5](#)
- time-date.h, [3](#)
 - current_day, [4](#)
 - current_hour, [4](#)
 - current_min, [4](#)
 - current_month, [4](#)
 - current_month_name, [4](#)
 - current_sec, [4](#)
 - current_year, [5](#)
 - month_name, [5](#)
 - print_current_date, [5](#)
 - print_month_name, [5](#)