

Erriez Printf library for Arduino

1.0.0

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Contents

- 1 Printf() library for Arduino** **1**

- 2 File Index** **3**
 - 2.1 File List 3

- 3 File Documentation** **5**
 - 3.1 src/ErriezPrintf.cpp File Reference 5
 - 3.1.1 Detailed Description 6
 - 3.2 src/ErriezPrintf.h File Reference 6
 - 3.2.1 Detailed Description 7

- Index** **9**

Chapter 1

Printf() library for Arduino

This library redirects printf() calls to the first serial port.

Example

```
{c++}
#include <ErriezPrintf.h>

void setup()
{
    // Initialize Serial port
    Serial.begin(115200);

    // Initialize printf
    printfBegin();

    // Use printf() with string in RAM
    printf("Hello world with printf() string in RAM\r\n");

    // Use printf() with string in flash
    printf_P(PSTR("Hello world with printf() string in flash\r\n"));

    // Use printf() to print the variable
    int value1 = 1234;
    printf_P(PSTR("Value: %d\r\n"), value1);
}
```

Example output serial port Arduino UNO:

```
{c++}
Hello world with printf() string in RAM
Hello world with printf() string in flash
Value: 1234
```

Library documentation

- [Doxygen online HTML](#)
- [Doxygen PDF](#)

Library installation

Please refer to the [Wiki](#) page.

Other Arduino Libraries and Sketches from Erriez

- [Erriez Libraries and Sketches](#)

Chapter 2

File Index

2.1 File List

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

src/ ErriezPrintf.cpp	
Printf() library for Arduino	5
src/ ErriezPrintf.h	
Printf() library for Arduino	6

Chapter 3

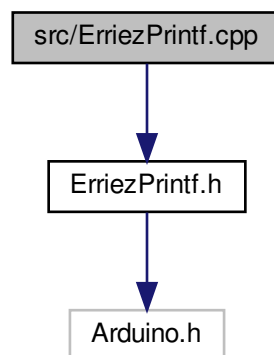
File Documentation

3.1 src/ErriezPrintf.cpp File Reference

printf() library for Arduino.

```
#include "ErriezPrintf.h"
```

Include dependency graph for ErriezPrintf.cpp:



Functions

- int **serial_putc** (char c, FILE *)
- void **printfBegin** ()
- void **printHex8** (uint8_t val)
- void **printHex16** (uint16_t val)
- void **printHex32** (uint32_t val)
- void **printDec32** (uint32_t val)

3.1.1 Detailed Description

printf() library for Arduino.

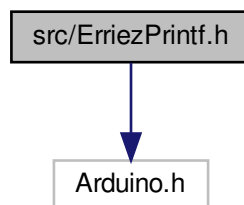
Source: <https://github.com/Erriez/ErriezPrintf>

3.2 src/ErriezPrintf.h File Reference

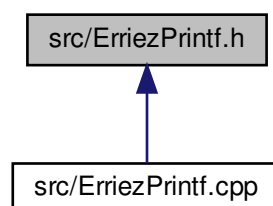
printf() library for Arduino.

```
#include <Arduino.h>
```

Include dependency graph for ErriezPrintf.h:



This graph shows which files directly or indirectly include this file:



Functions

- void **printfBegin** ()
- int **serial_putc** (char c, FILE *)
- void **printHex8** (uint8_t val)
- void **printHex16** (uint16_t val)
- void **printHex32** (uint32_t val)
- void **printDec32** (uint32_t val)

3.2.1 Detailed Description

printf() library for Arduino.

Source: <https://github.com/Erriez/ErriezPrintf>

Index

src/ErriezPrintf.cpp, [5](#)
src/ErriezPrintf.h, [6](#)