

I2C LSM9DS1 RaspberryPI C++ Library

Generated by Doxygen 1.8.17

1 Raspberry PI GPIO communication via sysfs	1
2 Class Index	3
2.1 Class List	3
3 Class Documentation	5
3.1 SysGPIO Class Reference	5
Index	7

Chapter 1

Raspberry PI GPIO communication via sysfs

[SysGPIO](#) is a class which encapsulate the reading / writing and interrupt handling to/from GPIO pins of the raspberry pi.

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

SysGPIO	5
-----------------------------------	---

Chapter 3

Class Documentation

3.1 SysGPIO Class Reference

Public Member Functions

- **SysGPIO** (unsigned int gpioNumber)
- int **gpio_export** ()
- int **gpio_unexport** ()
- int **gpio_set_dir** (bool out_flag)
- int **gpio_set_value** (unsigned int value)
- int **gpio_get_value** (unsigned int *value)
- int **gpio_set_edge** (const char *edge)
- int **gpio_fd_open** ()
- int **gpio_poll** (int gpio_fd, int timeout)

The documentation for this class was generated from the following file:

- gpio-sysfs.h

Index

SysGPIO, [5](#)