

RoundBuffer\_Static

0.1

Generated by Doxygen 1.8.8

Sun Mar 15 2015 21:42:53



# Contents

<b>1</b>	<b>Data Structure Index</b>	<b>1</b>
1.1	Data Structures . . . . .	1
<b>2</b>	<b>File Index</b>	<b>3</b>
2.1	File List . . . . .	3
<b>3</b>	<b>Data Structure Documentation</b>	<b>5</b>
3.1	RoundBuffer_static_container_t Struct Reference . . . . .	5
3.1.1	Detailed Description . . . . .	5
3.1.2	Field Documentation . . . . .	5
3.1.2.1	Data . . . . .	5
<b>4</b>	<b>File Documentation</b>	<b>7</b>
4.1	RoundBuffer_static.c File Reference . . . . .	7
4.1.1	Detailed Description . . . . .	7
4.2	RoundBuffer_static_if.h File Reference . . . . .	7
4.2.1	Detailed Description . . . . .	8
4.3	test_code.c File Reference . . . . .	8
4.3.1	Detailed Description . . . . .	9
4.3.2	Function Documentation . . . . .	9
4.3.2.1	main . . . . .	9
	<b>Index</b>	<b>11</b>



# Chapter 1

## Data Structure Index

### 1.1 Data Structures

Here are the data structures with brief descriptions:

<a href="#">RoundBuffer_static_container_t</a>	
Structure holding all data needed for the buffer . . . . .	5



## Chapter 2

# File Index

### 2.1 File List

Here is a list of all files with brief descriptions:

<a href="#">RoundBuffer_static.c</a>	
Implementation of library's code. *	7
<a href="#">RoundBuffer_static_if.h</a>	
Interface for Round Buffer library	7
<a href="#">test_code.c</a>	
File used to test library code	8





## Chapter 3

# Data Structure Documentation

### 3.1 RoundBuffer\_static\_container\_t Struct Reference

Structure holding all data needed for the buffer.

```
#include <RoundBuffer_static_if.h>
```

#### Data Fields

- void \* [Data](#)  
*Pointier to Data.*

#### 3.1.1 Detailed Description

Structure holding all data needed for the buffer.

#### 3.1.2 Field Documentation

##### 3.1.2.1 void\* RoundBuffer\_static\_container\_t::Data

Pointier to Data.

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

- [RoundBuffer\\_static\\_if.h](#)



## Chapter 4

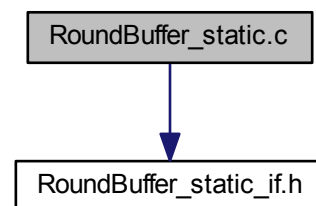
# File Documentation

### 4.1 RoundBuffer\_static.c File Reference

Implementation of library's code. \*.

```
#include "RoundBuffer_static_if.h"
```

Include dependency graph for RoundBuffer\_static.c:



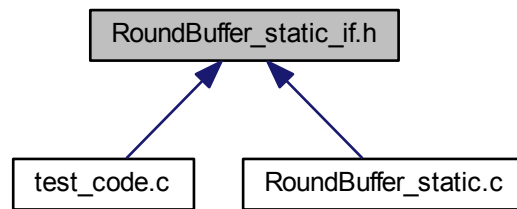
#### 4.1.1 Detailed Description

Implementation of library's code. \*.

### 4.2 RoundBuffer\_static\_if.h File Reference

Interface for Round Buffer library.

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



## Data Structures

- struct `RoundBuffer_static_container_t`  
*Structure holding all data needed for the buffer.*

### 4.2.1 Detailed Description

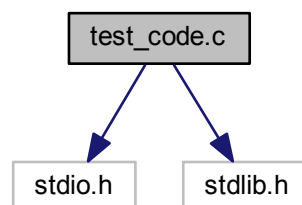
Interface for Round Buffer library.

It is declaring all public functions and macros.

## 4.3 test\_code.c File Reference

File used to test library code.

```
#include <stdio.h>
#include <stdlib.h>
#include "RoundBuffer_Static/RoundBuffer_static_if.h"
Include dependency graph for test_code.c:
```



## Functions

- int `main` (void)

*Function used to test library code.*

#### 4.3.1 Detailed Description

File used to test library code.

#### 4.3.2 Function Documentation

##### 4.3.2.1 `int main ( void )`

Function used to test library code.

##### Returns

0 if success, 1 if error.



# Index

Data

RoundBuffer\_static\_container\_t, [5](#)

main

test\_code.c, [9](#)

RoundBuffer\_static.c, [7](#)

RoundBuffer\_static\_container\_t, [5](#)

Data, [5](#)

RoundBuffer\_static\_if.h, [7](#)

test\_code.c, [8](#)

main, [9](#)