

GCC Code Coverage Report




Directory: ./	Exec	Total	Coverage
Date: 2022-03-19 13:18:50	Lines: 6	8	75.0 %
Legend: low: < 75.0 % medium: >= 75.0 % high: >= 90.0 %	Branches: 4	12	33.3 %

File	Lines	Branches
include/byte_utils.hpp	<div><div></div></div> 100.0 % 2 / 2	- % 0 / 0
src/restricted_base.cpp	<div><div></div></div> 0.0 % 0 / 2	- % 0 / 0
tests/catch_main_app.cpp	<div><div></div></div> 100.0 % 4 / 4	33.3 % 4 / 12

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File	Lines			Branches	
include/byte_utils.hpp		100.0 %	2 / 2	- %	0 / 0
src/restricted_base.cpp		0.0 %	0 / 2	- %	0 / 0
tests/catch_main_app.cpp		100.0 %	4 / 4	33.3 %	4 / 12

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Directory: ./	Exec	Total	Coverage
File: include/byte_utils.hpp	Lines: 2	2	100.0 %
Date: 2022-03-19 13:18:50	Branches: 0	0	- %

Line	Branch	Exec	Source
1			// MIT License
2			
3			// Copyright (c) 2022 Chris Sutton
4			
5			// Permission is hereby granted, free of charge, to any person obtaining a copy
6			// of this software and associated documentation files (the "Software"), to deal
7			// in the Software without restriction, including without limitation the rights
8			// to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
9			// copies of the Software, and to permit persons to whom the Software is
10			// furnished to do so, subject to the following conditions:
11			
12			// The above copyright notice and this permission notice shall be included in all
13			// copies or substantial portions of the Software.
14			
15			// THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
16			// IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
17			// FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
18			// AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
19			// LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
20			// OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
21			// SOFTWARE.
22			
23			#ifndef __BYTE_UTILS_HPP__
24			#define __BYTE_UTILS_HPP__
25			
26			#include <stdint.h>
27			
28			
29			namespace noarch::byte_manip
30			{
31			
32			template<std::size_t BYTE_ARRAY_SIZE>
33		1	void print_bytes(std::array<uint8_t, BYTE_ARRAY_SIZE> &bytes [[maybe_unused]])
34			{
35			#ifdef USE_RTT
36			for (uint16_t idx = 0; idx < bytes.size(); idx++)
37			{
38			
39			if (idx % 16 == 0)
40			SEGGER_RTT_printf(0, "\n");
41			
42			SEGGER_RTT_printf(0, "0x%02x ", +bytes[idx]);
43			
44			}
45			SEGGER_RTT_printf(0, "\n");
46			#endif
47			
48		1	}
49			
50			} // namespace noarch::byte_manip
51			
52			#endif // __BYTE_UTILS_HPP__

GCC Code Coverage Report

Directory: ./	Exec	Total	Coverage
File: src/restricted_base.cpp	Lines: 0	2	0.0 %
Date: 2022-03-19 13:18:50	Branches: 0	0	- %

Line	Branch	Exec	Source
1			// MIT License
2			
3			// Copyright (c) 2022 Chris Sutton
4			
5			// Permission is hereby granted, free of charge, to any person obtaining a copy
6			// of this software and associated documentation files (the "Software"), to deal
7			// in the Software without restriction, including without limitation the rights
8			// to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
9			// copies of the Software, and to permit persons to whom the Software is
10			// furnished to do so, subject to the following conditions:
11			
12			// The above copyright notice and this permission notice shall be included in all
13			// copies or substantial portions of the Software.
14			
15			// THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
16			// IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
17			// FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
18			// AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
19			// LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
20			// OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
21			// SOFTWARE.
22			
23			#include <restricted_base.hpp>
24			
25			void invalid_allocation_error_handler()
26			{
27			while(true)
28			{
29			//
30			}
31			}
32			
33			
34			
35			
36			// void* RestrictedBase::operator new(size_t size [[maybe_unused]]) noexcept
37			// {
38			// while(true)
39			// {
40			// // forbidden
41			// }
42			// // just to prevent compiler errors
43			// void *p;
44			// return p;
45			
46			// }
47			
48			// void RestrictedBase::operator delete(void* ptr) noexcept
49			// {
50			// while(true)
51			// {
52			// // forbidden
53			// }
54			
55			// }

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Directory: ./

File: tests/catch_main_app.cpp

Date: 2022-03-19 13:18:50

	Exec	Total	Coverage
Lines:	4	4	100.0 %
Branches:	4	12	33.3 %

Line	Branch	Exec	Source
1			
2			#include <catch2/catch_all.hpp>
3			
4			#include <byte_utils.hpp>
5			
6		1	TEST_CASE("Test Embedded Utils", "[embedded_utils]")
7			{
8			std::array<uint8_t, 8> bytes;
9		1	noarch::byte_manip::print_bytes(bytes);
10	✓X✓X	1	REQUIRE(true);
11	✓X✓X XXXXX	1	}

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