

GCC Code Coverage Report

Directory: ./

File: [storage/filesystem/source/Dir.cpp](#)

Date: 2021-05-06 12:39:05

	Exec	Total	Coverage
Lines:	21	39	53.8 %
Branches:	6	20	30.0 %

Line	Branch	Exec	Source
1			/* mbed Microcontroller Library
2			* Copyright (c) 2015 ARM Limited
3			* SPDX-License-Identifier: Apache-2.0
4			*
5			* Licensed under the Apache License, Version 2.0 (the "License");
6			* you may not use this file except in compliance with the License.
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9			* http://www.apache.org/licenses/LICENSE-2.0
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11			* Unless required by applicable law or agreed to in writing, software
12			* distributed under the License is distributed on an "AS IS" BASIS,
13			* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
14			* See the License for the specific language governing permissions and
15			* limitations under the License.
16			*/
17			
18			#include "filesystem/Dir.h"
19			#include <errno.h>
20			
21			namespace mbed {
22			
23		107	Dir::Dir()
24		107	: _fs(0), _dir(0)
25			{
26		107	}
27			
28			Dir::Dir(FileSystem *fs, const char *path)
29			: _fs(0), _dir(0)
30			{

```

31 } open(fs, path);
32
33
34 215 Dir::~Dir()
35 {
36 x✓ 107 if (_fs) {
37     close();
38 }
39 108 }
40
41 107 int Dir::open(FileSystem *fs, const char *path)
42 {
43 x✓ 107 if (_fs) {
44     return -EINVAL;
45 }
46
47 107 int err = fs->dir_open(&_dir, path);
48 ✓✓ 107 if (!err) {
49 103     _fs = fs;
50 }
51
52 107 return err;
53 }
54
55 103 int Dir::close()
56 {
57 x✓ 103 if (!_fs) {
58     return -EINVAL;
59 }
60
61 103 int err = _fs->dir_close(_dir);
62 103 _fs = 0;
63 103 return err;
64 }
65
66 5 ssize_t Dir::read(struct dirent *ent)
67 {
68 x✓ 5 MBED_ASSERT(_fs);
69 5 memset(ent, 0, sizeof(struct dirent));
70 5 return _fs->dir_read(_dir, ent);

```

```
71 }
72
73 void Dir::seek(off_t offset)
74 {
75     MBED_ASSERT(_fs);
76     return _fs->dir_seek(_dir, offset);
77 }
78
79 off_t Dir::tell()
80 {
81     MBED_ASSERT(_fs);
82     return _fs->dir_tell(_dir);
83 }
84
85 void Dir::rewind()
86 {
87     MBED_ASSERT(_fs);
88     return _fs->dir_rewind(_dir);
89 }
90
91 size_t Dir::size()
92 {
93     MBED_ASSERT(_fs);
94     return _fs->dir_size(_dir);
95 }
96
97 } // namespace mbed
```

Generated by: [GCOVR \(Version 4.2\)](#)