

Quality Gate ?

Failed

0.0%

Coverage on New Code
is less than 80.0%

9.1%

Duplicated Lines on New Code (%)
is greater than 3.0%

C

Reliability Rating on New Code
is worse than A

Bugs



Vulnerabilities



879

E

Bugs

2

D

Vulnerabilities

New code: last 30 days

5

C

New Bugs

0

A

New Vulnerabilities

Code Smells



740d

A

Debt

started 2 years ago

28k

Code Smells

2d

A

New Debt

104

New Code Smells

Coverage



0.0%

Coverage

0.0%

Coverage on

3.3k New Lines to Cover

Duplications



6.9%

Duplications

6.1k

Duplicated Blocks

9.1%

Duplications on

8.8k New Lines

About This Project

No tags

XL

1M

Lines of Code

C

1M

Project Activity

November 27, 2018

latest

November 26, 2018

Project Analyzed

November 25, 2018

Project Analyzed

Show More

Quality Gate

Quality Profiles

(C) Sonar way

Project Key

c-family:Samba

Copy

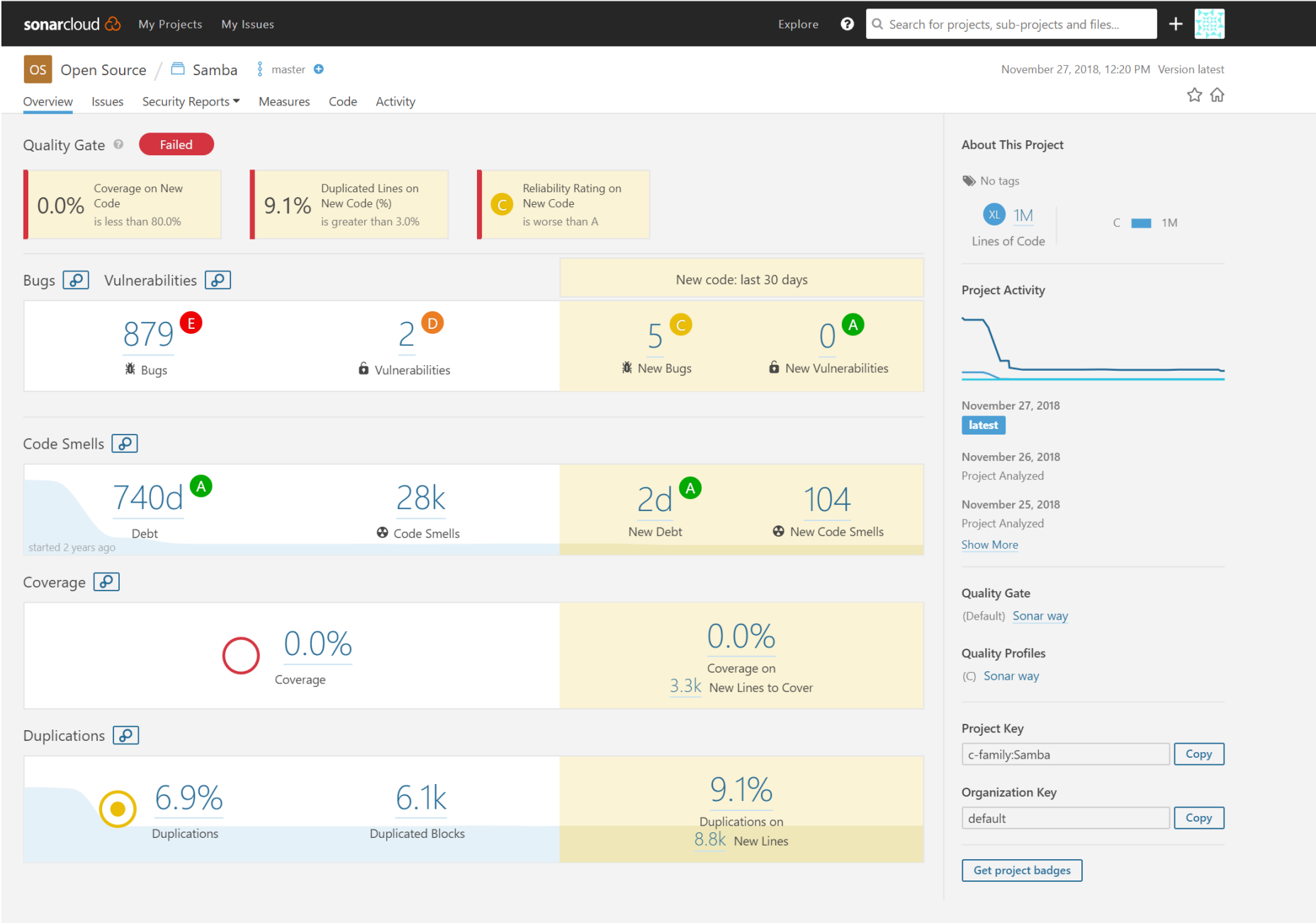
Organization Key

default

Copy

Security Analysis of Samba Using SonarQube Cloud

Security Analysis of Samba Using SonarQube Cloud



About This Project

No tags

XL1M

Lines of Code

C1M

Project Activity

November 27, 2018

latest

November 26, 2018

Project Analyzed

November 25, 2018

Project Analyzed

Show More

Quality Gate

(Default) Sonar way

Quality Profiles

(C) Sonar way

Project Key

c-family:Samba

Copy

Organization Key

default

Copy

Get project badges

Security Analysis of Samba Using SonarQube Cloud

sonarcloud

My ProjectsMy Issues

Explore

Search for projects, sub-projects and files...

+

OS

Open Source / Samba

master

November 27, 2018, 12:20 PM

Version latest

OverviewIssuesSecurity ReportsMeasuresCodeActivity

Project Overview

> Reliability

> Security

> Maintainability

> Coverage

> Duplications

> Size

Lines of Code

New Lines8,848

Lines of Code1,422,610

Lines1,972,448

Statements819,882

Functions31,988

Classes0

Files3,951

Directories346

Comment Lines127,452

Comments (%)8.2%

> Complexity

> Issues

Samba

to select files

to navigate

3,951 files

Lines of Code1,422,610

New code: last 30 days

C

1M

lib/util/charset/codepoints.c	16,685
libcli/util/hresult.c	14,676
source3/torture/torture.c	9,637
source4/torture/rpc/spoolss.c	9,131
source4/torture/basic/cxd_known.h	8,642
source4/torture/nbt/winsreplication.c	8,270
source3/rpc_server/spoolss/srv_spoolss_nt.c	8,057
source3/smbd/trans2.c	7,395
source4/torture/rpc/samr.c	7,070
source3/smbd/reply.c	6,342
source3/utills/net_rpc.c	6,132
source4/dsdb/samdb/ldb_modules/repl_meta_data.c	5,882
source4/torture/smb2/ioctl.c	5,462
source3/modules/vfs_fruit.c	5,344
source3/passdb/pdb_ldap.c	5,281
ctdb/tools/ctdb.c	5,188
source3/client/client.c	5,164
source4/torture/vfs/fruit.c	5,153

Filters

Type

Bug879

Vulnerability2

Code Smell28k

Security Hotspot0

Severity

Blocker728

Critical5.5k

Major14k

Minor8.4k

Info581

Resolution

Status

Creation Date

Language

Rule

Standard

Tag

Module

Directory

File

Assignee

☐ Bulk Change

↑↓

to select issues

←→

to navigate

🔄 1 / 28,864 issues

758d effort

auth/auth_log.c

☐ Move all #include directives at the very top of the file, before any code. ...6 months ago ▾ L72 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 10min effort Comment

👤 confusinq, misra ▾

☐ Refactor this function to reduce its Cognitive Complexity from 54 to the 25 allowed. ...4 months ago ▾ L114 🔗 ⚙️

🔗 Code Smell 🔴 Critical 🔵 Open ▾ Not assigned ▾ 6min effort Comment

👤 brain-overload ▾

☐ This function has 10 parameters, which is greater than the 7 authorized. ...2 years ago ▾ L114 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 20min effort Comment

👤 brain-overload ▾

☐ unused parameter 'unix_username' ...2 years ago ▾ L122 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 5min effort Comment

👤 cert, misra, unused ▾

☐ Refactor this function to reduce its Cognitive Complexity from 34 to the 25 allowed. ...4 months ago ▾ L311 🔗 ⚙️

🔗 Code Smell 🔴 Critical 🔵 Open ▾ Not assigned ▾ 6min effort Comment

👤 brain-overload ▾

☐ This function has 9 parameters, which is greater than the 7 authorized. ...2 years ago ▾ L311 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 20min effort Comment

👤 brain-overload ▾

☐ unused parameter 'unix_username' ...2 years ago ▾ L544 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 5min effort Comment

👤 cert, misra, unused ▾

☐ This function has 9 parameters, which is greater than the 7 authorized. ...6 months ago ▾ L626 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 20min effort Comment

👤 brain-overload ▾

☐ unused parameter 'transport_protection' ...2 years ago ▾ L683 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 5min effort Comment

👤 cert, misra, unused ▾

☐ This function has 8 parameters, which is greater than the 7 authorized. ...6 months ago ▾ L732 🔗 ⚙️

🔗 Code Smell 🔴 Major 🔵 Open ▾ Not assigned ▾ 20min effort Comment

👤 brain-overload ▾

auth/auth_sam_reply.c

☐ Move this #define/#undef to the global namespace. ...2 years ago ▾ L69 🔗 ⚙️

🔗 Code Smell 🔴 Critical 🔵 Open ▾ Not assigned ▾ 10min effort Comment

👤 misra, pitfall ▾

☐ Remove this #undef directive. ...2 years ago ▾ L85 🔗 ⚙️

🔗 Code Smell 🔴 Critical 🔵 Open ▾ Not assigned ▾ 2h effort Comment

👤 brain-overload, misra ▾

☐ Move this #define/#undef to the global namespace. ...2 years ago ▾ L85 🔗 ⚙️


🔗 Code Smell 🔴 Critical 🔵 Open ▾ Not assigned ▾ 10min effort Comment

👤 misra, pitfall ▾

OWASP Top 10

Track Vulnerabilities and Security Hotspots conforming to OWASP Top 10 standard. [Learn More](#)

☐ Show CWE distribution ?

Categories	Vulnerabilities	Security Hotspots		
		Open	In Review	Won't Fix
A1 - Injection ?	-	-	-	-
A2 - Broken Authentication ?	-	-	-	-
A3 - Sensitive Data Exposure ?	-	-	-	-
A4 - XML External Entities (XXE) ?	-	-	-	-
A5 - Broken Access Control ?	-	-	-	-
A6 - Security Misconfiguration ?	-	-	-	-
A7 - Cross-Site Scripting (XSS) ?	-	-	-	-
A8 - Insecure Deserialization ?	-	-	-	-
A9 - Using Components with Known Vulnerabilities ?	-	-	-	-
A10 - Insufficient Logging & Monitoring ?	-	-	-	-
Not OWASP	2 	0	0	0



Project Overview

Samba

500 / 3,951 files

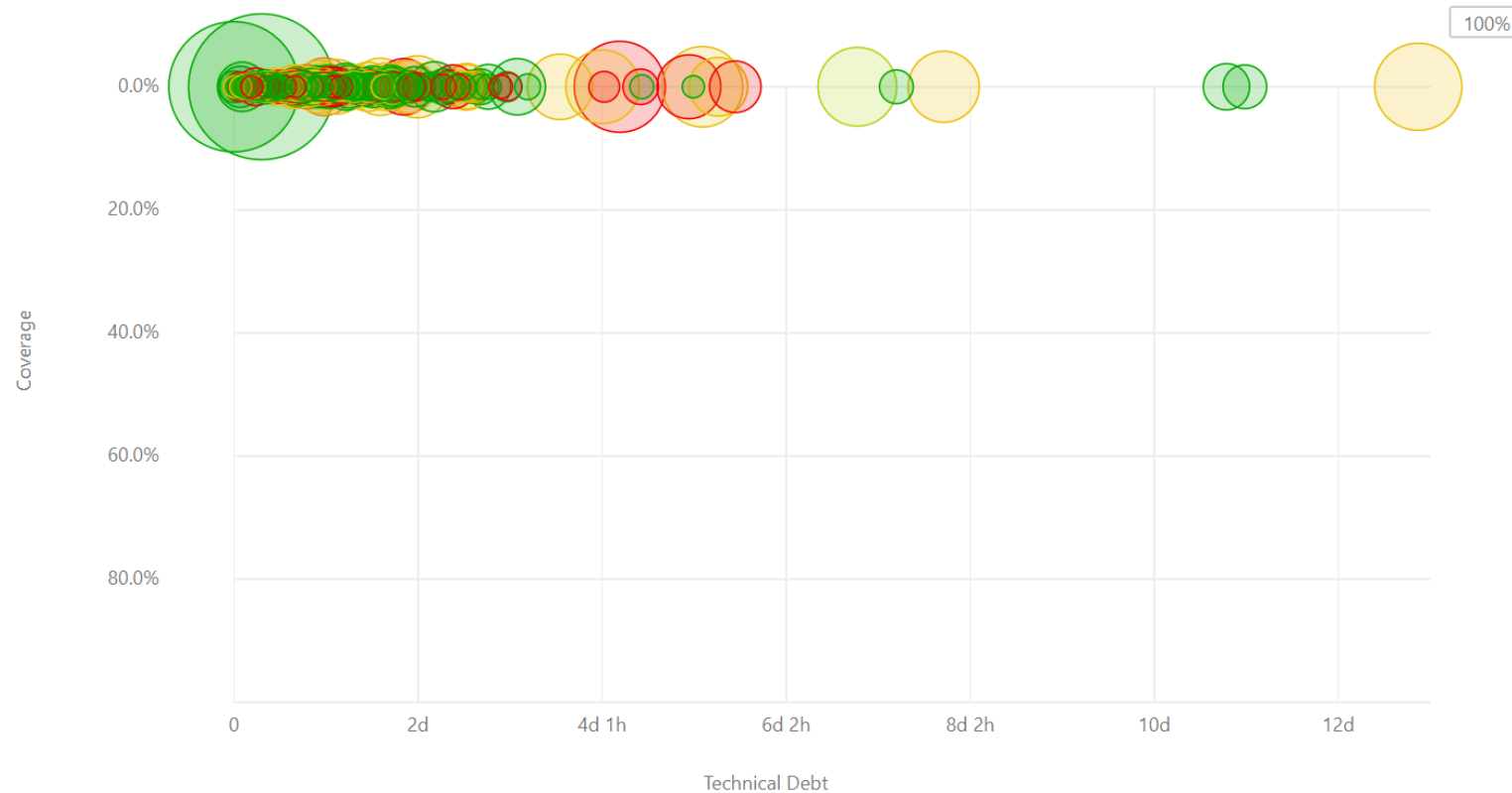
- > Reliability ?
- > Security ?
- > Maintainability ?
- > Coverage
- > Duplications
- > Size
- > Complexity ?
- > Issues

New code: last 30 days

Risk ?

Color: Worse of Reliability Rating and Security Rating Size: Lines of Code

A B C D E



Project Overview

Samba

500 / 3,951 files

Reliability ?

Overview



On new code

Bugs

5

Rating

C

Remediation Effort

55min

Overall

Bugs

879

Rating

E

Remediation Effort

18d

Security ?

Overview



On new code

Vulnerabilities

0

Rating

A

Remediation Effort

0

Overall

Vulnerabilities

2

Rating

D

Remediation Effort

40min

Maintainability ?

Overview



On new code

Code Smells

104

Debt

2d

Debt Ratio

0.5%

Rating

A

Overall

Code Smells

27,983

Debt

739d

Debt Ratio

0.8%

Rating

A

Effort to Reach A

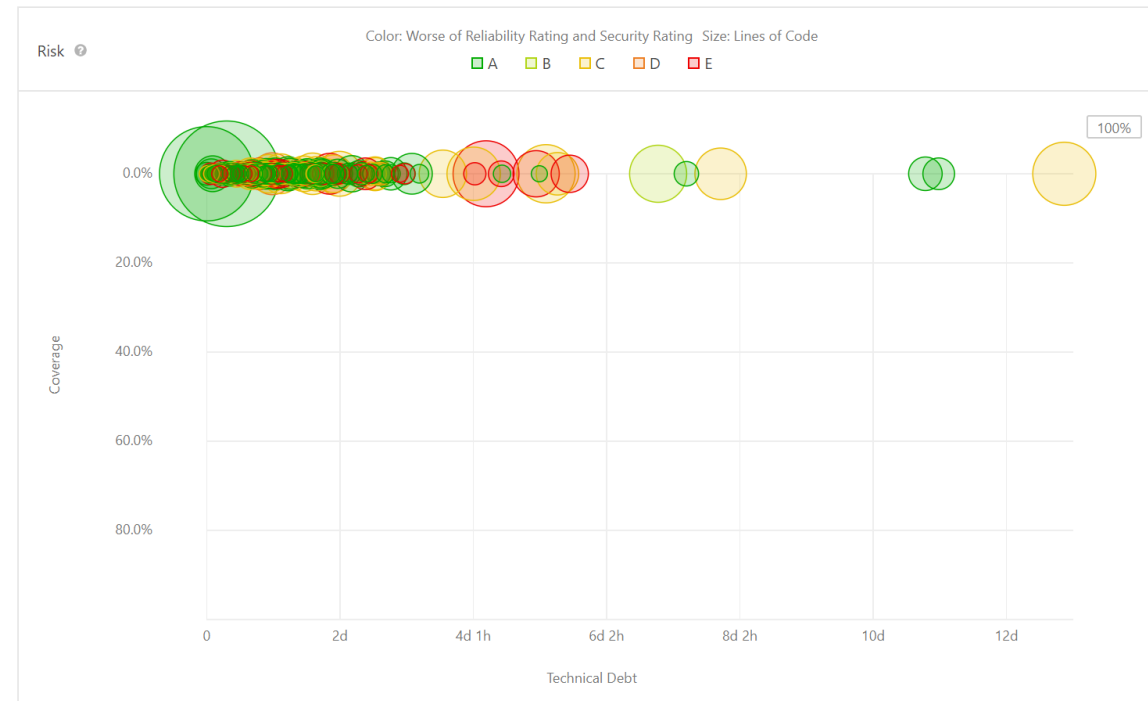
0

> Coverage

> Duplications

> Size

New code: last 30 days



346 files

New code: last 30 days

5

C

55min

879

E

18d

0

A

0

2

D

40min

104

2d

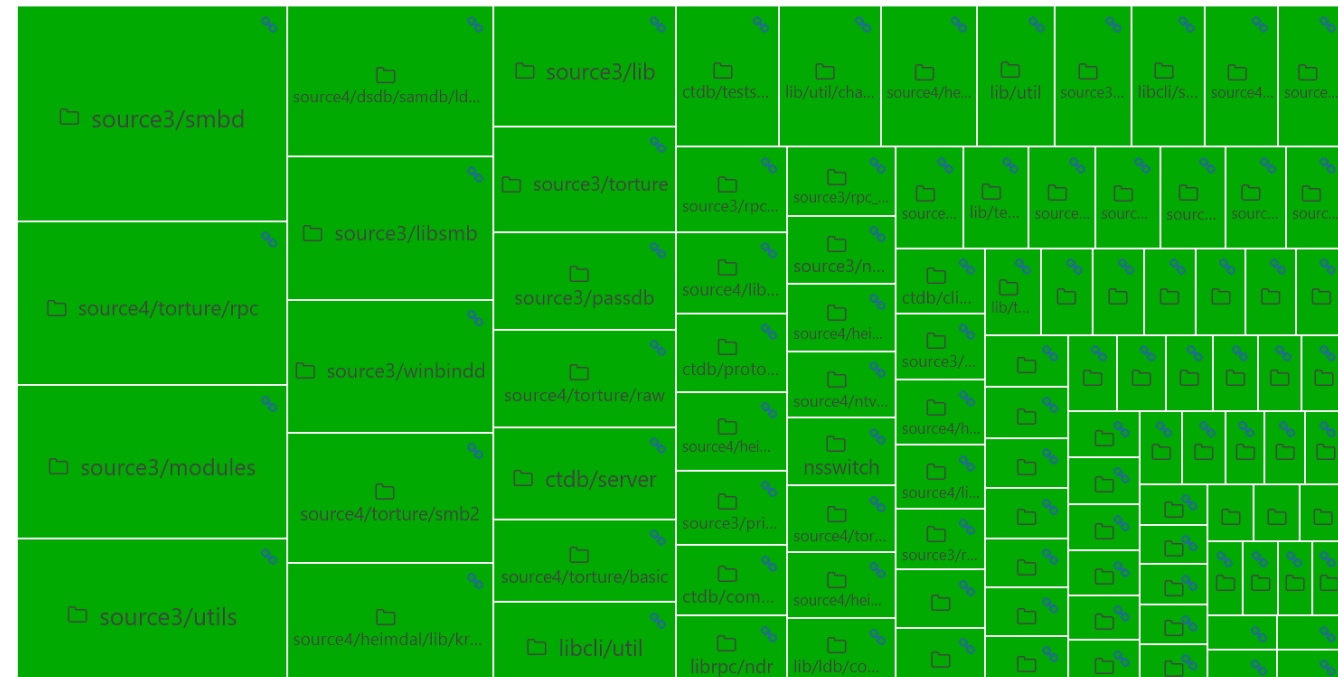
0.5%

A

27,983

739d

0.8%



sonarcloud

My ProjectsMy Issues

Explore

Search for projects, sub-projects and files...

+

OS

Open Source / Samba

master

November 27, 2018, 12:20 PM

Version latest

OverviewIssuesSecurity ReportsMeasuresCodeActivity

Search for files and sub-projects...

	Lines of Code	Bugs	Vulnerabilities	Code Smells	Coverage	Duplications
Samba						
auth	1,464	0	0	26	0.0%	0.0%
auth/credentials	3,596	2	0	49	0.0%	0.0%
auth/credentials/tests	68	0	0	0	0.0%	0.0%
auth/gensec	4,441	1	0	96	0.0%	4.5%
auth/kerberos	1,012	0	0	29	0.0%	8.2%
auth/ntlmssp	3,078	0	0	57	0.0%	0.0%
coverity	74	0	0	0		0.0%
ctdb/client	7,835	0	0	1		0.3%
ctdb/cluster	91	0	0	0		0.0%
ctdb/common	10,328	0	0	4		1.3%
ctdb/database	132	0	0	1		16.3%
ctdb/event	3,496	0	0	1		0.7%
ctdb/failover	34	0	0	0		0.0%
ctdb/ib	2,014	0	0	0		0.0%
ctdb/include	1,142	0	0	0		0.0%
ctdb/include/common	18	0	0	1		83.6%
ctdb/protocol	11,657	0	0	2		4.2%
ctdb/server	22,488	0	0	6		1.3%
ctdb/tcp	549	0	0	0		0.0%
ctdb/tests/src	19,472	0	0	27		9.3%
ctdb/tools	5,827	0	0	1		8.0%
ctdb/utls/ceph	326	0	0	0		0.0%
ctdb/utls/ping_pong	217	0	0	0		0.0%
ctdb/utls/pmda	417	0	0	0		0.0%
ctdb/utls/scsi_io	856	0	0	1		38.2%

Filter events...

Start Date

to

End Date

Reset dates

latest
November 27, 2018
12:20 PM Version: latest
November 26, 2018
12:19 PM
November 25, 2018
12:19 PM
November 24, 2018
12:17 PM
November 23, 2018
12:16 PM
November 22, 2018
12:15 PM
November 21, 2018
12:15 PM
November 20, 2018
12:14 PM
November 17, 2018
12:14 PM
November 10, 2018
12:00 PM
November 3, 2018

