

Project Name
Crypto Primitives

Branch
master

Report date
2021-07-26

Size Rating



Lines of Code
5,731

Quality Gate

PASSED

Reliability



Bugs

0

Reliability on New Code



New Bugs

0

Security



Vulnerabilities

0

Security Hotspots

0

Security on New Code



New Vulnerabilities

0

New Security Hotspots

0

Maintainability



Code Smells

6

Debt Ratio

0.1%

Maintainability on New Code



New Code Smells

0

Debt Ratio on New Code

0%

Issues by Severity



0

0

0



0

0

0



0

0

6



0

0

0



0

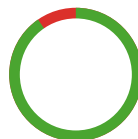
0

0

- Blocker
- Critical
- Major
- Minor
- Info

- Bug
- Vulnerability
- Code Smell

Coverage



90.4%

Unit Tests

2,933

Coverage on New Code

85.7%

Duplications



1.1%

Duplicated Blocks


9

Duplications on New Code

0.1%





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Top Common Issues





Severity	Rule	Type	# Issues
	Source files should not have any duplicated blocks (java)		6

Severity Levels

-  Blocker
-  Critical
-  Major
-  Minor
-  Info


 Multiple severities found

Issue Types

-  Bug
-  Vulnerability
-  Security Hotspot
-  Code Smell





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Top Issues By Severity





Severity	Rule	Type	# Issues
	Source files should not have any duplicated blocks (java)		6

Severity Levels

-  Blocker
-  Critical
-  Major
-  Minor
-  Info

 Multiple severities found

Issue Types

-  Bug
-  Vulnerability
-  Security Hotspot
-  Code Smell





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Top Security HotSpots to Review

Severity Rule

Type

Issues

No Security HotSpots found

Severity Levels


- Blocker
- Critical
- Major
- Minor
- Info

Multiple severities found

Issue Types

- Bug
- Vulnerability
- Security Hotspot
- Code Smell









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Rule

Source files should not have any duplicated blocksLanguage
javaIssues
6

An issue is created on a file as soon as there is at least one block of duplicated code on this file.

**pitfall****Issues Breakdown**

-  src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/MultiExponentiationArgument.java
1 duplicated blocks of code must be removed.
-  src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/HadamardArgument.java
2 duplicated blocks of code must be removed.
-  src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/ProductArgument.java
2 duplicated blocks of code must be removed.
-  src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/ShuffleArgument.java
1 duplicated blocks of code must be removed.
-  src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/SingleValueProductArgument.java
1 duplicated blocks of code must be removed.
-  src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/ZeroArgument.java
2 duplicated blocks of code must be removed.