



test1
not provided

css:Sonar way

js:Sonar way

ts:Sonar way

web:Sonar way

2023-12-13

目录

1. test1	Page 1
1.1. 概述	1
1.2. 问题分析	2
1.3. 问题详情	3
1.4. 质量配置	4

1. test1

报告提供了项目指标的概要，显示了与项目质量相关的最重要的指标。如果需要获取更详细的信息，请[登陆网站](#)进一步查询。

报告的项目为test1，生成时间为2023-12-13，使用的质量配置为 css:Sonar way js:Sonar way ts:Sonar way web:Sonar way，共计 478条规则。

1.1. 概述

编码问题

Bug	可靠性修复工作	
0	0min	
漏洞	安全修复工作	
0	0min	
坏味道	技术债务	
9	25min	
9	开启问题	9
问题	重开问题	0
	确认问题	0
	误判问题	0
	不修复的问题	0
	已解决的问题	0
	已删除的问题	0
	阻断	0
	严重	0
	主要	9
	次要	0
	提示	0

静态分析

项目规模

	test1	Sonar Report
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181
代码行数

行数
方法
类
文件
目录
重复行(%)

1006
N/A
N/A
28
N/A
0.0

复杂度

1
复杂度

文件

1.0

注释(%)

2.7
注释(%)

注释行数

5

1.2. 问题分析

违反最多的规则TOP10	
CSS files should not be empty	4
Sections of code should not be commented out	4
Duplicated font names should be removed	1

违规最多的文件TOP5	
App.vue	2
Index.vue	1
Index.vue	1
Index.vue	1
index.vue	1

复杂度最高的文件TOP5	
index.html	1
App.vue	N/A

	test1	Sonar Report
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HelloWorld.vue	N/A
index.scss	N/A
index.ts	N/A

重复行最多的文件TOP5
No duplications

1.3. 问题详情

规则	CSS files should not be empty	
规则描述	This rule raises an issue when a CSS file is empty (ie: containing only spaces).	
文件名称	违规行	
index.vue	36	
Index.vue	9, 9	
SvgIcon.vue	38	

规则	Sections of code should not be commented out	
规则描述	Programmers should not comment out code as it bloats programs and reduces readability. Unused code should be deleted and can be retrieved from source control history if required.	
文件名称	违规行	
index.vue	18	
App.vue	21, 22	
Index.vue	17	

规则	Duplicated font names should be removed
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规则描述	<p>Having duplicated font names doesn't help to read the font declaration and may be an indicator the author of the line was not sure how to configure it. This rule raises an issue when font or font-family properties contain a duplicated font name. This rule ignores \$sass, @less, and var(--custom-property) variable syntaxes.</p> <p>Noncompliant Code Example</p> <pre>a { font-family: 'Georgia', Georgia, serif; /* Noncompliant; 'Georgia' is duplicated */ }</pre> <p>Compliant Solution</p> <pre>a { font-family: Georgia, serif; }</pre>
文件名称	违规则
reset.scss	186

1.4. 质量配置

质量配置	css:Sonar way Bug:15 坏味道:8	
规则	类型	违规级别
Single line comment syntax should not be used	Bug	阻断
Color definitions should be valid	Bug	阻断
CSS properties should be valid	Bug	阻断
"calc" operands should be correctly spaced	Bug	阻断
Units should be valid	Bug	阻断
Shorthand properties that override related longhand properties should be avoided	Bug	严重
"linear-gradient" directions should be valid	Bug	严重
Selectors should be known	Bug	严重
"at-rules" should be valid	Bug	主要
Media features should be valid	Bug	主要
Font declarations should contain at least one generic font family	Bug	主要
Pseudo-element selectors should be valid	Bug	主要
"!important" should not be used on "keyframes"	Bug	主要
Properties should not be duplicated	Bug	主要
Pseudo-class selectors should be valid	Bug	主要
Selectors should not be duplicated	坏味道	主要
CSS files should not be empty	坏味道	主要
Duplicated font names should be removed	坏味道	主要
Strings should not contain new lines	坏味道	主要
Empty blocks should be removed	坏味道	主要
Multi-line comments should not be empty	坏味道	次要

Extra semicolons should be removed	坏味道	次要
Duplicate imports should be removed	坏味道	次要

质量配置	js:Sonar way Bug:62 漏洞:13 坏味道:91	
规则	类型	违规级别
Callbacks of array methods should have return statements	Bug	阻断
Loops should not be infinite	Bug	阻断
Regular expressions should be syntactically valid	Bug	严重
Jump statements should not occur in "finally" blocks	Bug	严重
"in" should not be used with primitive types	Bug	严重
Function calls should not pass extra arguments	Bug	严重
"typeof" expressions should only be compared to valid values	Bug	严重
"Symbol" should not be used as a constructor	Bug	严重
A compare function should be provided when using "Array.prototype.sort()"	Bug	严重
Results of "in" and "instanceof" should be negated rather than operands	Bug	严重
"super()" should be invoked appropriately	Bug	严重
Getters and setters should access the expected fields	Bug	严重
Destructuring patterns should not be empty	Bug	主要
Alternatives in regular expressions should be grouped when used with anchors	Bug	主要
Assertions should not be given twice the same argument	Bug	主要
Unicode Grapheme Clusters should be avoided inside regex character classes	Bug	主要
Return values from functions without side effects should not be ignored	Bug	主要
"NaN" should not be used in comparisons	Bug	主要
Generators should "yield" something	Bug	主要
Related "if/else if" statements should not have the same condition	Bug	主要
The output of functions that don't return anything should not be used	Bug	主要
All branches in a conditional structure should not have exactly the same implementation	Bug	主要
Values should not be uselessly incremented	Bug	主要
Special identifiers should not be bound or assigned	Bug	主要
Objects should not be created to be dropped immediately without being used	Bug	主要
Properties of variables with "null" or "undefined" values should not be accessed	Bug	主要

A "for" loop update clause should move the counter in the right direction	Bug	主要
Exclusive tests should not be committed to version control	Bug	主要
Function argument names should be unique	Bug	主要
Property names should not be duplicated within a class or object literal	Bug	主要
Variables should not be self-assigned	Bug	主要
Non-empty statements should change control flow or have at least one side-effect	Bug	主要
Comments inside JSX expressions should be enclosed in curly braces	Bug	主要
React components should not render non-boolean condition values	Bug	主要
React "render" function should return a value	Bug	主要
Non-existent operators '+=', '-=' and '!=' should not be used	Bug	主要
"new" operators should be used with functions	Bug	主要
Loops with at most one iteration should be refactored	Bug	主要
Identical expressions should not be used on both sides of a binary operator	Bug	主要
Mocha timeout should be disabled by setting it to "0".	Bug	主要
Bitwise operators should not be used in boolean contexts	Bug	主要
All code should be reachable	Bug	主要
Setters should not return values	Bug	主要
Strict equality operators should not be used with dissimilar types	Bug	主要
Promise rejections should not be caught by 'try' block	Bug	主要
Regular expressions with the global flag should be used with caution	Bug	主要
Alternation in regular expressions should not contain empty alternatives	Bug	主要
Replacement strings should reference existing regular expression groups	Bug	主要
React state setter function should not be called with its matching state variable	Bug	主要
Comma and logical OR operators should not be used in switch cases	Bug	主要
Regular expressions should not contain control characters	Bug	主要
Collection elements should not be replaced unconditionally	Bug	主要
React Hooks should be properly called	Bug	主要
React's useState hook should not be used directly in the render function or body of a component	Bug	主要
Attempts should not be made to update "const" variables	Bug	主要

Errors should not be created without being thrown	Bug	主要
Collection sizes and array length comparisons should make sense	Bug	主要
Repeated patterns in regular expressions should not match the empty string	Bug	次要
"delete" should be used only with object properties	Bug	次要
Function parameters, caught exceptions and foreach variables' initial values should not be ignored	Bug	次要
"with" statements should not be used	Bug	次要
Empty collections should not be accessed or iterated	Bug	次要
XML parsers should not be vulnerable to XXE attacks	漏洞	阻断
File uploads should be restricted	漏洞	严重
Origins should be verified during cross-origin communications	漏洞	严重
JWT should be signed and verified with strong cipher algorithms	漏洞	严重
Encryption algorithms should be used with secure mode and padding scheme	漏洞	严重
Cipher algorithms should be robust	漏洞	严重
Weak SSL/TLS protocols should not be used	漏洞	严重
Cryptographic keys should be robust	漏洞	严重
A new session should be created during user authentication	漏洞	严重
Server hostnames should be verified during SSL/TLS connections	漏洞	严重
AWS IAM policies should not allow privilege escalation	漏洞	严重
Server certificates should be verified during SSL/TLS connections	漏洞	严重
Administration services access should be restricted to specific IP addresses	漏洞	次要
Tests should include assertions	坏味道	阻断
Variables should be declared explicitly	坏味道	阻断
Switch cases should end with an unconditional "break" statement	坏味道	阻断
Assertions should be complete	坏味道	阻断
"future reserved words" should not be used as identifiers	坏味道	阻断
"switch" statements should not contain non-case labels	坏味道	阻断
Function returns should not be invariant	坏味道	阻断
Octal values should not be used	坏味道	阻断
"default" clauses should be last	坏味道	严重
Cognitive Complexity of functions should not be too high	坏味道	严重

Functions should not be empty	坏味道	严重
Tests should not execute any code after "done()" is called	坏味道	严重
"await" should only be used with promises	坏味道	严重
"for" loop increment clauses should modify the loops' counters	坏味道	严重
Loop counters should not be assigned to from within the loop body	坏味道	严重
Conditionals should start on new lines	坏味道	严重
"void" should not be used	坏味道	严重
Equality operators should not be used in "for" loop termination conditions	坏味道	严重
Variables should be declared with "let" or "const"	坏味道	严重
Boolean expressions should not be gratuitous	坏味道	主要
Track uses of "FIXME" tags	坏味道	主要
Parameters should be passed in the correct order	坏味道	主要
Functions should not be called both with and without "new"	坏味道	主要
Names of regular expressions named groups should be used	坏味道	主要
Character classes in regular expressions should not contain the same character twice	坏味道	主要
Single-character alternations in regular expressions should be replaced with character classes	坏味道	主要
Character classes in regular expressions should not contain only one character	坏味道	主要
Comma operator should not be used	坏味道	主要
"arguments.caller" and "arguments.callee" should not be used	坏味道	主要
Template literals should not be nested	坏味道	主要
Labels should not be used	坏味道	主要
Multiline blocks should be enclosed in curly braces	坏味道	主要
"switch" statements should not have too many "case" clauses	坏味道	主要
Assertion arguments should be passed in the correct order	坏味道	主要
Tests should check which exception is thrown	坏味道	主要
React Context Provider values should not have non-stable identities	坏味道	主要
No uniq values as keys for JSX list components	坏味道	主要
Regular expressions should not be too complicated	坏味道	主要
Reluctant quantifiers in regular expressions should be followed by an expression that can't match the empty string	坏味道	主要
Assignments should not be made from within sub-expressions	坏味道	主要

"indexOf" checks should not be for positive numbers	坏味道	主要
Arguments to built-in functions should match documented types	坏味道	主要
Shorthand promises should be used	坏味道	主要
Ternary operators should not be nested	坏味道	主要
Unused assignments should be removed	坏味道	主要
Variables should be used in the blocks where they are declared	坏味道	主要
Functions should always return the same type	坏味道	主要
Array indexes should be numeric	坏味道	主要
Literals should not be thrown	坏味道	主要
Sections of code should not be commented out	坏味道	主要
Variables and functions should not be redeclared	坏味道	主要
Functions should not have too many parameters	坏味道	主要
Nested blocks of code should not be left empty	坏味道	主要
"delete" should not be used on arrays	坏味道	主要
Function parameters with default values should be last	坏味道	主要
Two branches in a conditional structure should not have exactly the same implementation	坏味道	主要
Functions should not be defined inside loops	坏味道	主要
Chai assertions should have only one reason to succeed	坏味道	主要
Array-mutating methods should not be used misleadingly	坏味道	主要
Assignments should not be redundant	坏味道	主要
Mandatory keys in JSX list components	坏味道	主要
"in" should not be used on arrays	坏味道	主要
React components should not be nested	坏味道	主要
No array index for keys in JSX list components	坏味道	主要
Regular expressions should not contain multiple spaces	坏味道	主要
Functions should not have identical implementations	坏味道	主要
Only "while", "do", "for" and "switch" statements should be labelled	坏味道	主要
Sparse arrays should not be declared	坏味道	主要
Unused methods of React components should be removed	坏味道	主要
Collection and array contents should be used	坏味道	主要
Regular expressions should not contain empty groups	坏味道	主要
Boolean checks should not be inverted	坏味道	次要
A "while" loop should be used instead of a "for" loop	坏味道	次要
Function call arguments should not start on new lines	坏味道	次要

Boolean literals should not be used in comparisons	坏味道	次要
Return of boolean expressions should not be wrapped into an "if-then-else" statement	坏味道	次要
Unnecessary imports should be removed	坏味道	次要
Unused local variables and functions should be removed	坏味道	次要
Wrapper objects should not be used for primitive types	坏味道	次要
"switch" statements should have at least 3 "case" clauses	坏味道	次要
"for of" should be used with Iterables	坏味道	次要
The global "this" object should not be used	坏味道	次要
Deprecated APIs should not be used	坏味道	次要
Multiline string literals should not be used	坏味道	次要
Class names should comply with a naming convention	坏味道	次要
"catch" clauses should do more than rethrow	坏味道	次要
Regular expression quantifiers and character classes should be used concisely	坏味道	次要
Regular expression literals should be used when possible	坏味道	次要
Imports from the same modules should be merged	坏味道	次要
Jump statements should not be redundant	坏味道	次要
Track uses of "TODO" tags	坏味道	提示

质量配置	ts:Sonar way Bug:52 漏洞:13 坏味道:90	
规则	类型	违规级别
Regular expressions should be syntactically valid	Bug	严重
Jump statements should not occur in "finally" blocks	Bug	严重
Types without members, 'any' and 'never' should not be used in type intersections	Bug	严重
A compare function should be provided when using "Array.prototype.sort()"	Bug	严重
Results of "in" and "instanceof" should be negated rather than operands	Bug	严重
"super()" should be invoked appropriately	Bug	严重
Getters and setters should access the expected fields	Bug	严重
Destructuring patterns should not be empty	Bug	主要
Alternatives in regular expressions should be grouped when used with anchors	Bug	主要
Assertions should not be given twice the same argument	Bug	主要
Unicode Grapheme Clusters should be avoided inside regex character classes	Bug	主要

"NaN" should not be used in comparisons	Bug	主要
Return values from functions without side effects should not be ignored	Bug	主要
Generators should "yield" something	Bug	主要
Related "if/else if" statements should not have the same condition	Bug	主要
All branches in a conditional structure should not have exactly the same implementation	Bug	主要
The output of functions that don't return anything should not be used	Bug	主要
Values should not be uselessly incremented	Bug	主要
Special identifiers should not be bound or assigned	Bug	主要
Objects should not be created to be dropped immediately without being used	Bug	主要
A "for" loop update clause should move the counter in the right direction	Bug	主要
Exclusive tests should not be committed to version control	Bug	主要
Constructors should not be declared inside interfaces	Bug	主要
Property names should not be duplicated within a class or object literal	Bug	主要
Variables should not be self-assigned	Bug	主要
Non-empty statements should change control flow or have at least one side-effect	Bug	主要
Comments inside JSX expressions should be enclosed in curly braces	Bug	主要
React components should not render non-boolean condition values	Bug	主要
React "render" function should return a value	Bug	主要
Non-existent operators '+=', '-=' and '!=' should not be used	Bug	主要
"new" operators should be used with functions	Bug	主要
Loops with at most one iteration should be refactored	Bug	主要
Mocha timeout should be disabled by setting it to "0".	Bug	主要
Bitwise operators should not be used in boolean contexts	Bug	主要
All code should be reachable	Bug	主要
Identical expressions should not be used on both sides of a binary operator	Bug	主要
Regular expressions with the global flag should be used with caution	Bug	主要
Promise rejections should not be caught by 'try' block	Bug	主要
Replacement strings should reference existing regular expression groups	Bug	主要
Alternation in regular expressions should not contain empty alternatives	Bug	主要

Regular expressions should not contain control characters	Bug	主要
React state setter function should not be called with its matching state variable	Bug	主要
Comma and logical OR operators should not be used in switch cases	Bug	主要
React Hooks should be properly called	Bug	主要
Collection elements should not be replaced unconditionally	Bug	主要
React's useState hook should not be used directly in the render function or body of a component	Bug	主要
Collection sizes and array length comparisons should make sense	Bug	主要
Errors should not be created without being thrown	Bug	主要
Repeated patterns in regular expressions should not match the empty string	Bug	次要
"delete" should be used only with object properties	Bug	次要
Function parameters, caught exceptions and foreach variables' initial values should not be ignored	Bug	次要
Empty collections should not be accessed or iterated	Bug	次要
XML parsers should not be vulnerable to XXE attacks	漏洞	阻断
File uploads should be restricted	漏洞	严重
JWT should be signed and verified with strong cipher algorithms	漏洞	严重
Origins should be verified during cross-origin communications	漏洞	严重
Encryption algorithms should be used with secure mode and padding scheme	漏洞	严重
Cipher algorithms should be robust	漏洞	严重
Weak SSL/TLS protocols should not be used	漏洞	严重
A new session should be created during user authentication	漏洞	严重
Cryptographic keys should be robust	漏洞	严重
Server hostnames should be verified during SSL/TLS connections	漏洞	严重
AWS IAM policies should not allow privilege escalation	漏洞	严重
Server certificates should be verified during SSL/TLS connections	漏洞	严重
Administration services access should be restricted to specific IP addresses	漏洞	次要
Tests should include assertions	坏味道	阻断
Switch cases should end with an unconditional "break" statement	坏味道	阻断
Assertions should be complete	坏味道	阻断

"switch" statements should not contain non-case labels	坏味道	阻断
Function returns should not be invariant	坏味道	阻断
Octal values should not be used	坏味道	阻断
"default" clauses should be last	坏味道	严重
Cognitive Complexity of functions should not be too high	坏味道	严重
Union and intersection types should not be defined with duplicated elements	坏味道	严重
Functions should not be empty	坏味道	严重
Tests should not execute any code after "done()" is called	坏味道	严重
"await" should only be used with promises	坏味道	严重
"for" loop increment clauses should modify the loops' counters	坏味道	严重
Loop counters should not be assigned to from within the loop body	坏味道	严重
Conditionals should start on new lines	坏味道	严重
"void" should not be used	坏味道	严重
Equality operators should not be used in "for" loop termination conditions	坏味道	严重
Variables should be declared with "let" or "const"	坏味道	严重
Boolean expressions should not be gratuitous	坏味道	主要
Track uses of "FIXME" tags	坏味道	主要
Parameters should be passed in the correct order	坏味道	主要
Names of regular expressions named groups should be used	坏味道	主要
Character classes in regular expressions should not contain the same character twice	坏味道	主要
Single-character alternations in regular expressions should be replaced with character classes	坏味道	主要
Character classes in regular expressions should not contain only one character	坏味道	主要
Comma operator should not be used	坏味道	主要
"arguments.caller" and "arguments.callee" should not be used	坏味道	主要
"undefined" should not be passed as the value of optional parameters	坏味道	主要
Template literals should not be nested	坏味道	主要
Labels should not be used	坏味道	主要
Multiline blocks should be enclosed in curly braces	坏味道	主要
Assertion arguments should be passed in the correct order	坏味道	主要
"switch" statements should not have too many "case" clauses	坏味道	主要
Regular expressions should not be too complicated	坏味道	主要
Tests should check which exception is thrown	坏味道	主要

Reluctant quantifiers in regular expressions should be followed by an expression that can't match the empty string	坏味道	主要
React Context Provider values should not have non-stable identities	坏味道	主要
No uniq values as keys for JSX list components	坏味道	主要
Assignments should not be made from within sub-expressions	坏味道	主要
"indexOf" checks should not be for positive numbers	坏味道	主要
Shorthand promises should be used	坏味道	主要
Ternary operators should not be nested	坏味道	主要
Unused assignments should be removed	坏味道	主要
Variables should be used in the blocks where they are declared	坏味道	主要
Array indexes should be numeric	坏味道	主要
Literals should not be thrown	坏味道	主要
Optional property declarations should not use both '?' and 'undefined' syntax	坏味道	主要
Sections of code should not be commented out	坏味道	主要
Functions should not have too many parameters	坏味道	主要
Nested blocks of code should not be left empty	坏味道	主要
"delete" should not be used on arrays	坏味道	主要
Function parameters with default values should be last	坏味道	主要
Two branches in a conditional structure should not have exactly the same implementation	坏味道	主要
Functions should not be defined inside loops	坏味道	主要
Chai assertions should have only one reason to succeed	坏味道	主要
Array-mutating methods should not be used misleadingly	坏味道	主要
Assignments should not be redundant	坏味道	主要
Mandatory keys in JSX list components	坏味道	主要
"in" should not be used on arrays	坏味道	主要
React components should not be nested	坏味道	主要
No array index for keys in JSX list components	坏味道	主要
Regular expressions should not contain multiple spaces	坏味道	主要
Only "while", "do", "for" and "switch" statements should be labelled	坏味道	主要
Functions should not have identical implementations	坏味道	主要
Sparse arrays should not be declared	坏味道	主要
Unused methods of React components should be removed	坏味道	主要
Collection and array contents should be used	坏味道	主要
Regular expressions should not contain empty groups	坏味道	主要

Boolean checks should not be inverted	坏味道	次要
A "while" loop should be used instead of a "for" loop	坏味道	次要
Function call arguments should not start on new lines	坏味道	次要
Boolean literals should not be used in comparisons	坏味道	次要
Unnecessary imports should be removed	坏味道	次要
Redundant casts and non-null assertions should be avoided	坏味道	次要
Type guards should be used	坏味道	次要
Type aliases should be used	坏味道	次要
Wrapper objects should not be used for primitive types	坏味道	次要
"switch" statements should have at least 3 "case" clauses	坏味道	次要
"for of" should be used with Iterables	坏味道	次要
The global "this" object should not be used	坏味道	次要
Deprecated APIs should not be used	坏味道	次要
Multiline string literals should not be used	坏味道	次要
Class names should comply with a naming convention	坏味道	次要
"catch" clauses should do more than rethrow	坏味道	次要
Regular expression quantifiers and character classes should be used concisely	坏味道	次要
Regular expression literals should be used when possible	坏味道	次要
Imports from the same modules should be merged	坏味道	次要
"module" should not be used	坏味道	次要
Jump statements should not be redundant	坏味道	次要
Track uses of "TODO" tags	坏味道	提示

质量配置	web:Sonar way Bug:16 坏味道:10	
规则	类型	违规级别
Tables used for layout should not include semantic markup	Bug	严重
Table cells should reference their headers	Bug	严重
<script>...</script> elements should not be nested	Bug	主要
"<title>" should be present in all pages	Bug	主要
Tables should have headers	Bug	主要
"<html>" element should have a language attribute	Bug	主要
"<!DOCTYPE>" declarations should appear before "<html>" tags	Bug	主要

Elements deprecated in HTML5 should not be used	Bug	主要
"<th>" tags should have "id" or "scope" attributes	Bug	主要
"<frames>" should have a "title" attribute	Bug	次要
Server-side image maps ("ismap" attribute) should not be used	Bug	次要
"<table>" tags should have a description	Bug	次要
Image, area and button with image tags should have an "alt" attribute	Bug	次要
Flash animations should be embedded using both "<object>" and "<embed>"	Bug	次要
"" and "<dt>" item tags should be in "", "" or "<dl>" container tags	Bug	次要
"<fieldset>" tags should contain a "<legend>"	Bug	次要
Track uses of "FIXME" tags	坏味道	主要
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	坏味道	主要
HTML "<table>" should not be used for layout purposes	坏味道	主要
Videos should have subtitles	坏味道	主要
Sections of code should not be commented out	坏味道	主要
Attributes deprecated in HTML5 should not be used	坏味道	主要
Meta tags should not be used to refresh or redirect	坏味道	主要
Links should not directly target images	坏味道	主要
"<object>" tags should provide an alternative content	坏味道	次要
Track uses of "TODO" tags	坏味道	提示