




 Secrets


 ABAP


 Apex


 C


 C++


 CloudFormation


 COBOL


 C#


 CSS


 Flex


 Go


 HTML


 Java


 JavaScript


 Kotlin


 Objective C


 PHP


 PL/I


 PL/SQL


 Python


 RPG


 Ruby


 Scala


 Swift


 Terraform


 Text


 TypeScript

 T-SQL

 VB.NET

 VB6

 XML



JavaScript static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your JAVASCRIPT code

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Quick Fix41

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Object literal shorthand syntax should be used

Code Smell

Strings and non-strings should not be added

Code Smell

Object literal syntax should be used

Code Smell

"undefined" should not be assigned

Code Smell

Trailing commas should not be used

Code Smell

Array constructors should not be used

Code Smell

Quotes for string literals should be used consistently

Code Smell

Statements should end with semicolons

Code Smell

Comments should not be located at the end of lines of code

Code Smell

Loops should not contain more than a single "break" or "continue" statement

Code Smell

Variable, property and parameter names should comply with a naming convention

Code Smell

Lines should not end with trailing whitespaces

Code Smell

Local storage should not be used

Analyze your code

VulnerabilityMajor ⓘ

Session storage and local storage are HTML 5 features which allow developers to easily store megabytes of data client-side, as opposed to the 4Kb cookies can accommodate. While useful to speed applications up on the client side, it can be dangerous to store sensitive information this way because the data is not encrypted by default and any script on the page may access it.

This rule raises an issue when the `localStorage` and `sessionStorage` API's are used.

Noncompliant Code Example

```
localStorage.setItem("login", login); // Noncompliant
sessionStorage.setItem("sessionId", sessionId); // Noncompliant
```

See

- [OWASP Top 10 2017 Category A3](#) - Sensitive Data Exposure
- [Packet Storm Security](#) - HTML 5 Modern Day Attack And Defence Vectors

Deprecated

This rule is deprecated, and will eventually be removed.

Available In:

sonarlint🔴 | sonarcloud🔴 | sonarqube🔵

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https://rules.sonarsource.com/javascript/RSPEC-3271

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<div>Files should contain an empty newline at the end</div> <div> Code Smell</div>
<div>An open curly brace should be located at the end of a line</div> <div> Code Smell</div>
<div>Tabulation characters should not be used</div> <div> Code Smell</div>
<div>Function and method names should comply with a naming convention</div> <div> Code Smell</div>