




 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

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 VB.NET

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 XML



JavaScript static code analysis

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

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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

Functions should not have too many lines of code

Analyze your code

Code Smell

Major ?

brain-overload

A function that grows too large tends to aggregate too many responsibilities.

Such functions inevitably become harder to understand and therefore harder to maintain.

Above a specific threshold, it is strongly advised to refactor into smaller functions which focus on well-defined tasks.

Those smaller functions will not only be easier to understand, but also probably easier to test.

Exceptions

This rule ignores Immediately Invoked Function Expressions (IIFE), which are functions that are created and invoked without ever being assigned a name.

```
(function () { // Ignored by this rule

    function open() { // Classic function declaration; not ig
        // ...
    }

    function read() {
        // ...
    }

    function readlines() {
        // ...
    }
})();
```

This rule also ignores React Functional Components, which are JavaScript functions named with a capital letter and returning a React element (JSX syntax).

```
function Welcome() {
    const greeting = 'Hello, World!';

    // ...

    return (
        <div className="Welcome">
            <p>{greeting}</p>
        </div>
    );
}
```

Available In:

sonarlint | sonarcloud | sonarqube

https://rules.sonarsource.com/javascript/RSPEC-138

1/2

<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>

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