




 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


All rules 285

 Vulnerability 29


 Bug 62


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 Code Smell 151


 Quick Fix 41

Tags ▾


Search by name... 

 Code Smell


Functions should not have too many lines of code




Track comments matching a regular expression




Statements should be on separate lines




Magic numbers should not be used




Collapsible "if" statements should be merged




Standard outputs should not be used directly to log anything




Files should not have too many lines of code




Lines should not be too long




Debugger statements should not be used



"alert(...)" should not be used




Regular expressions using Unicode character classes or property escapes should enable the unicode flag






The base should be provided to

Multiline blocks should be enclosed in curly braces

Analyze your code

 Code Smell

 Major 

 cwe

Curly braces can be omitted from a one-line block, such as with an `if` statement or `for` loop, but doing so can be misleading and induce bugs.

This rule raises an issue when the whitespacing of the lines after a one line block indicates an intent to include those lines in the block, but the omission of curly braces means the lines will be unconditionally executed once.

Note that this rule considers tab characters to be equivalent to 1 space. If you mix spaces and tabs you will sometimes see issues in code which looks fine in your editor but is confusing when you change the size of tabs.

Noncompliant Code Example

```
if (condition)
  firstActionInBlock();
  secondAction(); // Noncompliant; executed unconditionally
  thirdAction();

if (condition) firstActionInBlock(); secondAction(); // Non

if (condition) firstActionInBlock(); // Noncompliant
  secondAction(); // Executed unconditionally

if (condition); secondAction(); // Noncompliant; secondActi

let str = undefined;
for (let i = 0; i < array.length; i++)
  str = array[i];
  doTheThing(str); // Noncompliant; executed only on last a
```

Compliant Solution

```
if (condition) {
  firstActionInBlock();
  secondAction();
}
thirdAction();

let str = undefined;
for (let i = 0; i < array.length; i++) {
  str = array[i];
  doTheThing(str);
}
```


See


- [MITRE, CWE-483](#) - Incorrect Block Delimitation


Available In:


https://rules.sonarsource.com/javascript/RSPEC-2681


1/2




"parseInt"
 Bug

Function declarations should not be made within blocks
 Bug

Writing cookies is security-sensitive
 Security Hotspot

"continue" should not be used
 Code Smell

Trailing commas should be used
 Code Smell

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