sonar RULES

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VB6	VB6
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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	🛡 Security Hotspot	43	Code Smell	151	Quick Fix	41

Tags ⌄   Search by name... 🔍

Object literal shorthand syntax should be used

◎ Code Smell

Strings and non-strings should not be added

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Object literal syntax should be used

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"undefined" should not be assigned

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Trailing commas should not be used

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Array constructors should not be used

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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

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

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Lines should not end with trailing whitespaces

◎ Code Smell

Property getters and setters should come in pairs

Analyze your code

◎ Code Smell   ⬣ Major ?   🏷 pitfall

When an object is created with a setter for a property but without a getter for that property, the property is inaccessible and is thus useless.

This rule also enforces the reverse situation (getter but no setter).

Noncompliant Code Example

```
var obj = {
    set foo(value) {
        this.fooval = value;
    }
};
```

Compliant Solution

```
var obj = {
    set foo(value) {
        this.fooval = value;
    },
    get foo() {
        return this.fooval;
    }
};
```

or

```
var obj = {
    setFoo(value) {    // a standard method, not a setter
        this.fooval = value;
    }
};
```

Available In:

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Files should contain an empty newline at the end

⊗ Code Smell

An open curly brace should be located at the end of a line

⊗ Code Smell

Tabulation characters should not be used

⊗ Code Smell

Function and method names should comply with a naming convention

⊗ Code Smell