sonar RULES

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JS

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

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Array constructors should not be used

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Quotes for string literals should be used consistently

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Statements should end with semicolons

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

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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

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"import" should be used to include external code

Analyze your code

⊘ Code Smell   ⊘ Minor ?   🏷 convention es2015 obsolete

Before ECMAScript 2015, module management had to be ad-hoc or provided by 3rd-party libraries such as Node.js, Webpack, or RequireJS. Fortunately, ES2015, provides language-standard mechanisms for module management, `import` and `export`, and older usages should be converted.

Noncompliant Code Example

```
// circle.js
exports.area = function (r) {
  return PI * r * r;
};

// foo.js
define(["./cart", "./horse"], function(cart, horse) {  // No
  // ...
});

// bar.js
const circle = require('./circle.js');  // Noncompliant
```

Compliant Solution

```
// circle.js
let area = function (r) {
  return PI * r * r;
}
export default area;

// foo.js
import cart from "./cart.js";
import horse from "./horse.js";

// bar.js
import circle from "./circle.js"
```

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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

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Tabulation characters should not be used

⊗ Code Smell

Function and method names should comply with a naming convention

⊗ Code Smell