

































-  Secrets
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## TypeScript static code analysis

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

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 Code Smell


Primitive types should be omitted from initialized or defaulted declarations




Non-null assertions should not be used




"undefined" should not be assigned




Trailing commas should not be used




Array constructors should not be used




Quotes for string literals should be used consistently




Statements should end with semicolons




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




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



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





Lines should not end with trailing whitespaces



### Empty collections should not be accessed or iterated




Analyze your code

 Bug  Minor ?

When a collection is empty it makes no sense to access or iterate it. Doing so anyway is surely an error; either population was accidentally omitted or the developer doesn't understand the situation.

#### Noncompliant Code Example

```
let strings = [];  
  
if (strings.includes("foo")) {} // Noncompliant  
  
for (str of strings) {} // Noncompliant  
  
strings.forEach(str => doSomething(str)); // Noncompliant
```

Available In:  
 |  | 

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https://rules.sonarsource.com/typescript/RSPEC-4158

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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>