




 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



## TypeScript static code analysis

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

All rules279

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Code Smell158


Quick Fix50


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 Code Smell


Primitive types should be omitted from initialized or defaulted declarations




 Code Smell


Non-null assertions should not 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




### Multiline string literals should not be used

Analyze your code

 Code Smell

 Minor ?

 bad-practice




Continuing a string across a linebreak is supported in most script engines, but it is not a part of ECMAScript. Additionally, the whitespace at the beginning of each line can't be safely stripped at compile time, and any whitespace after the slash will result in tricky errors.

#### Noncompliant Code Example

```
var myString = 'A rather long string of English text, an error
                actually that just keeps going and going --
                message to make the Energizer bunny blush (right through
                those Schwarzenegger shades)! Where was I? Oh yes, you've
                got an error and all the extraneous just gravy.  Have a nice day.'; // Noncompliant
```

#### Compliant Solution

```
var myString = 'A rather long string of English text, an error
'actually that just keeps going and going -- an error '
'message to make the Energizer bunny blush (right through
'those Schwarzenegger shades)! Where was I? Oh yes, ' +
'you\'ve got an error and all the extraneous whitespace
'just gravy.  Have a nice day.';
```

Available In:  
 |  | 

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https://rules.sonarsource.com/typescript/RSPEC-1516

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>