




 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

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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



Repeated patterns in regular expressions should not match the empty string

 Bug  Minor  regex




A regex should never include a repetitive pattern whose body would match the empty string. This is usually a sign that a part of the regex is redundant or does not do what the author intended.

Noncompliant Code Example

```
/(?:)*/ // same as the empty regex, the '*' accomplishes nothing
/(?:|x)*/ // same as the empty regex, the alternative has no effect
/(?:x|)*/ // same as 'x*', the empty alternative has no effect
/(?:x|y)*/ // same as 'x*', the first alternative would always match
/(?:x?)*/ // same as 'x*'
/(?:x?)+/ // same as 'x*'
```

Compliant Solution

```
/x*/
```

Available In:
  

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https://rules.sonarsource.com/typescript/RSPEC-5842

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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>