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PHP static code analysis

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

All rules 268

Vulnerability 40

Bug 51

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Tags ▾

Search by name... 🔍

Code Smell

More than one property should not be declared per statement

Code Smell

The "var" keyword should not be used

Code Smell

"<?php" and "<?=" tags should be used

Code Smell

File names should comply with a naming convention

Code Smell

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

Code Smell

Local variable and function parameter names should comply with a naming convention

Code Smell

Field names should comply with a naming convention

Code Smell

Lines should not end with trailing whitespaces

Code Smell

Files should contain an empty newline at the end

Code Smell

Modifiers should be declared in the correct order

Code Smell

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

Repeated patterns in regular expressions should not match the empty string

Analyze your code

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 '*' is redundant
"/(?:|x)*/" // same as the empty regex, the alternation is redundant
"/(?:x|)*"/ // same as 'x*', the empty alternative is redundant
"/(?:x*|y)*/" // same as 'x*', the first alternative is redundant
"/(?:x?)*"/ // same as 'x*'
"/(?:x?)*/" // same as 'x*'
```

Compliant Solution

```
"/x*/"
```

Available In:

sonarlint | sonarcloud | sonarqube

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 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

Method and function names should comply with a naming convention

 Code Smell

Creating cookies with broadly defined "domain" flags is security-sensitive

 Security Hotspot