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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

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be used to end lines
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

Increment (++) and decrement (--) operators should not be used in a method call or mixed with other operators in an expression

Analyze your code

Code Smell Major ?

The use of increment and decrement operators in method calls or in combination with other arithmetic operators is not recommended, because:

- It can significantly impair the readability of the code.
- It introduces additional side effects into a statement, with the potential for undefined behavior.
- It is safer to use these operators in isolation from any other arithmetic operators.

Noncompliant Code Example

```
$u8a = ++$u8b + $u8c--;  
$foo = $bar++ / 4;
```

Compliant Solution

The following sequence is clearer and therefore safer:

```
++$u8b;  
$u8a = $u8b + $u8c;  
$u8c--;  
$foo = $bar / 4;  
$bar++;
```

Available In:
 sonarlint sonarcloud sonarqube

 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