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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

Security Hotspot 33

Code Smell 144

Tags

Search by name...

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

## Literal boolean values and nulls should not be used in equality assertions

Analyze your code

Code Smell Critical tests phpunit

Instead of using boolean literals or *null* in an equality with *assertSame()* or *assertEquals()*, it is recommended to rely on the alternative functions *assertTrue()*, *assertFalse()*, *assertNull()*, and *assertNotNull()*.

### Noncompliant Code Example

```
assertEquals(true, $x); // Noncompliant {{Use assertTrue
assertNotEquals(false, $x); // Noncompliant {{Use asser
assertSame(null, $x); // Noncompliant {{Use assertNull(
assertNotSame(true, $x); // Noncompliant {{Use assertFa
```

### Compliant Solution

```
assertTrue($x); // Compliant
assertFalse($x); // Compliant
assertNull($x); // Compliant
assertNotNull($x); // Compliant
```

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