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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

## The names of methods with boolean return values should start with "is" or "has"

Analyze your code

Code Smell Major ? convention

Well-named functions can allow the users of your code to understand at a glance what to expect from the function - even before reading the documentation. Toward that end, methods returning a boolean property should have names that start with "is" or "has" rather than with "get".

Note that this rule will only apply to functions that are documented to return a boolean.

### Noncompliant Code Example

```
/**
 * @return boolean
 */
public function getFoo() // Noncompliant
{
    return foo;
}
```

### Compliant Solution

```
/**
 * @return boolean
 */
public function isFoo()
{
    return true;
}
```

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