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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

The "var" keyword should not be used

⚙ Code Smell   ⌄ Minor ?   🏷 convention psr2

Analyze your code

The PHP 4 method of declaring a variable, using the `var` keyword, was deprecated in early versions of PHP 5. Even though it's not considered deprecated in the most recent versions, it's nonetheless not best practice to use it. When `var` does appear, it is interpreted as a synonym for `public` and treated as such. Therefore `public` should be used instead.

From the PHP Manual:

> The PHP 4 method of declaring a variable with the var keyword is still supported for compatibility reasons (as a synonym for the public keyword). In PHP 5 before 5.1.3, its usage would generate an E_STRICT warning.

Noncompliant Code Example

```php
<?php
class Foo
{
    var $bar = 1;
}
```

Compliant Solution

```php
<?php
class Foo
{
    public $bar = 1;
}
```

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