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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 ▾

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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

"switch" statements should not be nested

Analyze your code

Code Smell Critical pitfall

Nested switch structures are difficult to understand because you can easily confuse the cases of an inner switch as belonging to an outer statement. Therefore nested switch statements should be avoided.

Specifically, you should structure your code to avoid the need for nested switch statements, but if you cannot, then consider moving the inner switch to another function.

Noncompliant Code Example

```
switch($a) {
    case "foo":
        switch($b) { // Noncompliant
            case "bar":
                doSomething();
                break;
        }
        break;
}
```

Compliant Solution

```
function handleFoo($foo) {
    switch($foo) {
        case "bar":
            doSomething();
            break;
    }
}

switch($a) {
    case "foo":
        handleFoo($b);
        break;
}
```

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