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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

"switch case" clauses should not have too many lines of code

Analyze your code

Code Smell Major brain-overload

The switch statement should be used only to clearly define some new branches in the control flow. As soon as a case clause contains too many statements this highly decreases the readability of the overall control flow statement. In such case, the content of the case clause should be extracted into a dedicated method.

Noncompliant Code Example

With a threshold of 5:

```
switch ($var) {
    case 0: // 6 lines till next case
        methodCall1();
        methodCall2();
        methodCall3();
        methodCall4();
        break;
    default:
        break;
}
```






Compliant Solution

```
switch ($var) {
    case 0:
        doSomething();
        break;
    default:
        break;
}

function doSomething(){
    methodCall1("");
    methodCall2("");
    methodCall3("");
    methodCall4("");
}
```

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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

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