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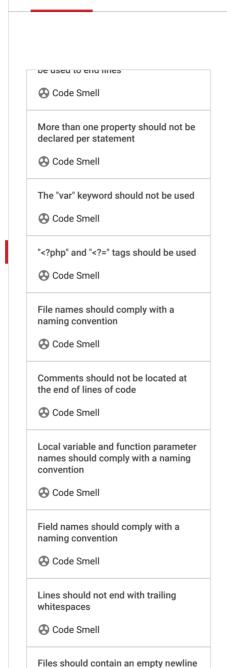PL/SQL
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PHP static code analysis

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

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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

☢ Code Smell

Switch cases should end with an unconditional "break" statement

Analyze your code

☢ Code Smell   ❗Blocker ?   🏷 cwe suspicious

When the execution is not explicitly terminated at the end of a switch case, it continues to execute the statements of the following case. While this is sometimes intentional, it often is a mistake which leads to unexpected behavior.

Noncompliant Code Example

```
switch ($myVariable) {
  case 1:
    foo();
    break;
  case 2:  // Both 'doSomething()' and 'doSomethingElse()' w
    do_something();
  default:
    do_something_else();
   break;
}
```

Compliant Solution

```
switch ($myVariable) {
  case 1:
    foo();
    break;
  case 2:
    do_something();
    break;
  default:
    do_something_else();
   break;
}
```

Exceptions

This rule is relaxed in following cases:

```
switch ($myVariable) {
  case 0:                // Empty case used to specify the
  case 1:
    do_something();
    break;
  case 2:                // Use of continue statement
    continue;
  case 3:                // Case includes a jump statement
    exit(0);
  case 4:
    echo 'Second case, which falls through';
    // no break        <- comment is used when fall-through
  default:               // For the last case, use of brea
```

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

```
      doSomethingElse();
}
```

See

- MITRE, CWE-484 - Omitted Break Statement in Switch

Available In:

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