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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 ▾

Search by name...

- All "catch" blocks should be able to catch exceptions

Bug
- Constructing arguments of system commands from user input is security-sensitive

Security Hotspot
- Allowing unfiltered HTML content in WordPress is security-sensitive

Security Hotspot
- Allowing unauthenticated database repair in WordPress is security-sensitive

Security Hotspot
- Allowing all external requests from a WordPress server is security-sensitive

Security Hotspot
- Disabling automatic updates is security-sensitive

Security Hotspot
- WordPress theme and plugin editors are security-sensitive

Security Hotspot
- Allowing requests with excessive content length is security-sensitive

Security Hotspot
- Manual generation of session ID is security-sensitive

Security Hotspot
- Setting loose POSIX file permissions is security-sensitive

Security Hotspot
- Formatting SQL queries is security-sensitive

A conditionally executed single line should be denoted by indentation

Analyze your code

Code Smell

Critical ?

confusing suspicious

In the absence of enclosing curly braces, the line immediately after a conditional is the one that is conditionally executed. By both convention and good practice, such lines are indented. In the absence of both curly braces and indentation the intent of the original programmer is entirely unclear and perhaps not actually what is executed. Additionally, such code is highly likely to be confusing to maintainers.

Noncompliant Code Example

```
if ($x > 0) // Noncompliant
doTheThing();
doTheOtherThing();

foo();
```

Compliant Solution

```
if ($x > 0) {
    doTheThing();
    doTheOtherThing();
}

foo();
```

or

```
if ($x > 0)
    doTheThing();
doTheOtherThing();


foo();
```

Available In:


sonarlint

sonarcloud


sonarqube

 Security Hotspot


"goto" statement should not be used

 Code Smell


Character classes in regular expressions should not contain only one character

 Code Smell

Superfluous curly brace quantifiers should be avoided

 Code Smell

Non-capturing groups without quantifier should not be used

 Code Smell