Secrets

ABAP

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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

"require_once" and "include_once" should be used instead of "require" and "include"

🐛 Bug   ⓥ Minor ⓘ

Analyze your code

At root, `require`, `require_once`, `include`, and `include_once` all perform the same task of including one file in another. However, the way they perform that task differs, and they should not be used interchangeably.

`require` includes a file but generates a fatal error if an error occurs in the process.

`include` also includes a file, but generates only a warning if an error occurs.

Predictably, the difference between `require` and `require_once` is the same as the difference between `include` and `include_once` - the "_once" versions ensure that the specified file is only included once.

Because including the same file multiple times could have unpredictable results, the "once" versions are preferred.

Because `include_once` generates only warnings, it should be used only when the file is being included conditionally, i.e. when all possible error conditions have been checked beforehand.

Noncompliant Code Example

```
include 'code.php';  //Noncompliant; not a "_once" usag
include $user.'_history.php'; // Noncompliant
require 'more_code.php';  // Noncompliant; not a "_once
```

Compliant Solution

```
require_once 'code.php';
if (is_member($user)) {
  include_once $user.'_history.php';
}
require_once 'more_code.php';
```

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