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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

Tags ▾

Search by name... 🔍

- 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

Alias functions should not be used

Analyze your code

Code Smell

Minor ?

obsolete

Certain functions exist in PHP only as aliases of other functions. These aliases have been made available for backward compatibility, but should really be removed from code.

This rule looks for uses of the following aliases:

| Alias | Replacement |
|----------------------|--------------------------|
| chop | rtrim |
| close | closedir |
| doubleval | floatval |
| fputs | fwrite |
| ini_alter | ini_set |
| is_double | is_float |
| is_integer | is_int |
| is_long | is_int |
| is_real | is_float |
| is_writeable | is_writable |
| join | implode |
| key_exists | array_key_exists |
| magic_quotes_runtime | set_magic_quotes_runtime |
| pos | current |
| show_source | highlight_file |
| sizeof | count |
| strchr | strstr |

Noncompliant Code Example


```
$arr=array( "apple", "pear", "banana" );  
echo sizeof($arr); // Noncompliant
```

Compliant Solution

```
$arr=array( "apple", "pear", "banana" );  
echo count($arr);
```

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