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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...

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

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

WordPress option names should not be misspelled

Code Smell

WordPress options should not be defined at the end of "wp-config.php"

Code Smell

Functions should not be nested too deeply

Analyze your code

Code Smell | Critical | brain-overload

Nesting functions can quickly turn your code into "spaghetti code". Such code is hard to read, refactor and therefore to maintain.

Noncompliant Code Example

With the default threshold of 3:

```
function f () {
  function f_inner () {
    function f_inner_inner() {
      function f_inner_inner_inner() { // Noncompliant
      }
    }
  }
}
```

Available In:

sonarlint | sonarcloud | sonarqube

Constants should not be redefined

Code Smell

Regular expressions should not contain empty groups

Code Smell

Regular expressions should not contain multiple spaces

Code Smell

Single-character alternations in regular expressions should be replaced with character classes

Code Smell

Reluctant quantifiers in regular expressions should be followed by an