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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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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

Inheritance tree of classes should not be too deep

Analyze your code

Code Smell

Major ?

design

Inheritance is certainly one of the most valuable concepts in object-oriented programming. It's a way to compartmentalize and reuse code by creating collections of attributes and behaviors called classes which can be based on previously created classes. But abusing this concept by creating a deep inheritance tree can lead to very complex and unmaintainable source code. Most of the time a too deep inheritance tree is due to bad object oriented design which has led to systematically use 'inheritance' when for instance 'composition' would suit better.

This rule raises an issue when the inheritance tree, starting from Object has a greater depth than is allowed.

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 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