PHP static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PHP code

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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

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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

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"enable_dl" should be disabled

Analyze your code

🔒 Vulnerability   ❗ Blocker ?   🏷 cwe owasp php-ini

`enable_dl` is on by default and allows `open_basedir` restrictions, which limit the files a script can access, to be ignored. For that reason, it's a dangerous option and should be explicitly turned off.

This rule raises an issue when `enable_dl` is not explicitly set to 0 in *php.ini*.

Noncompliant Code Example

```
; php.ini
enable_dl=1  ; Noncompliant
```

Compliant Solution

```
; php.ini
enable_dl=0
```

See

- OWASP Top 10 2021 Category A1 - Broken Access Control
- OWASP Top 10 2021 Category A5 - Security Misconfiguration
- OWASP Top 10 2017 Category A6 - Security Misconfiguration
- MITRE, CWE-23 - Relative Path Traversal
- MITRE, CWE-36 - Absolute Path Traversal

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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