

Code Smell

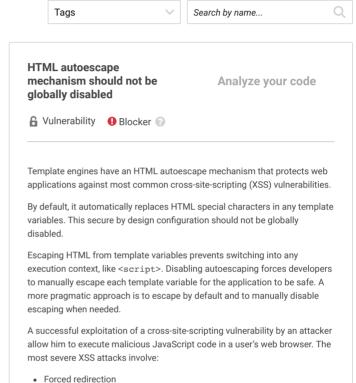
naming convention

Module names should comply with a



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





• Django Templates

· Modify presentation of content

session cookies or passwords

This rule supports the following libraries:

• Jinja2

Noncompliant Code Example

```
from jinja2 import Environment
env = Environment() # Noncompliant; New Jinja2 Environm
env = Environment(autoescape=False) # Noncompliant
```

· User accounts takeover after disclosure of sensitive information like

Compliant Solution

```
from jinja2 import Environment
env = Environment(autoescape=True) # Compliant
```

See

- OWASP Cheat Sheet XSS Prevention Cheat Sheet
- OWASP Top 10 2017 Category A7 Cross-Site Scripting (XSS)
- OWASP Top 10 2017 Category A6 Security Misconfiguration
- MITRE, CWE-79 Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')
- MITRE, CWE-80 Improper Neutralization of Script-Related HTML Tags in a Web Page (Basic XSS)

Comments should not be located at the end of lines of code
Code Smell

Lines should not end with trailing whitespaces
Code Smell

Files should contain an empty newline at the end

Code Smell

Long suffix "L" should be upper case

Code Smell

- <u>MITRE, CWE-81</u> Improper Neutralization of Script in an Error Message Web Page
- <u>MITRE, CWE-82</u> Improper Neutralization of Script in Attributes of IMG Tags in a Web Page
- <u>MITRE, CWE-83</u> Improper Neutralization of Script in Attributes in a Web Page
- MITRE, CWE-84 Improper Neutralization of Encoded URI Schemes in a
 Web Page
- MITRE, CWE-85 Doubled Character XSS Manipulations
- MITRE, CWE-86 Improper Neutralization of Invalid Characters in Identifiers in Web Pages
- MITRE, CWE-87 Improper Neutralization of Alternate XSS Syntax
- SANS Top 25 Insecure Interaction Between Components

Deprecated

This rule is deprecated; use {rule:python:S5247} instead.

Available In:

sonarlint ⊕ | sonarcloud 💩 | sonarqube

© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved. Privacy Policy