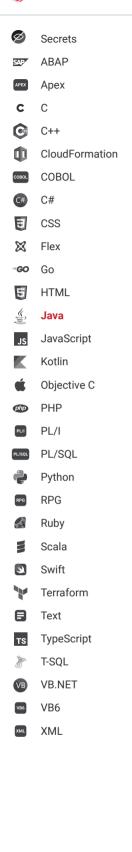
O Quick 42





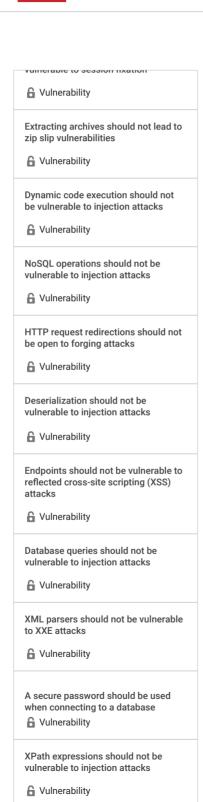


Java static code analysis

6 Vulnerability (53)

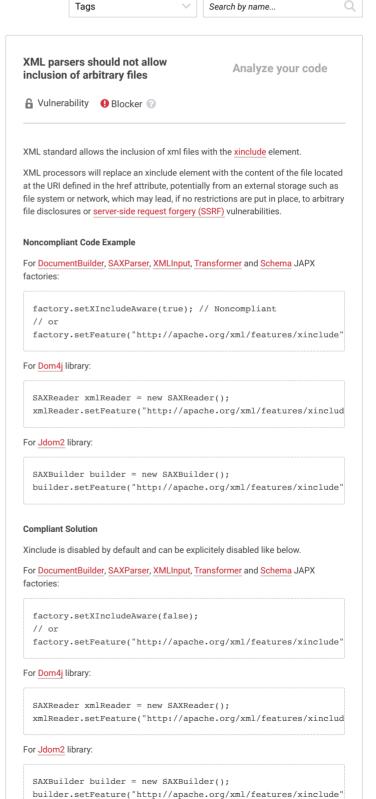
Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your JAVA code

Bug (154)



I/O function calls should not be

vulnerable to path injection attacks



⊗ Code

Smell

389

Search by name..

Security

Hotspot

(36)

LDAP queries should not be vulnerable to injection attacks
Ĝ Vulnerability

OS commands should not be vulnerable to command injection attacks

6 Vulnerability

₩ Vulnerability

"@SpringBootApplication" and "@ComponentScan" should not be used in the default package

₩ Bug

"@Controller" classes that use

Exceptions

This rule does not raise issues when Xinclude is enabled with a custom EntityResolver:

For DocumentBuilderFactory:

```
DocumentBuilderFactory factory = DocumentBuilderFactory.newI
factory.setXIncludeAware(true);
// ...
DocumentBuilder builder = factory.newDocumentBuilder();
builder.setEntityResolver((publicId, systemId) -> new MySafe
```

For SAXBuilder:

```
SAXBuilder builder = new SAXBuilder();
builder.setFeature("http://apache.org/xml/features/xinclude"
builder.setEntityResolver((publicId, systemId) -> new MySafe
```

For SAXReader:

```
SAXReader xmlReader = new SAXReader();

xmlReader.setFeature("http://apache.org/xml/features/xinclud

xmlReader.setEntityResolver((publicId, systemId) -> new MySa
```

For XMLInputFactory:

```
XMLInputFactory factory = XMLInputFactory.newInstance();
factory.setProperty("http://apache.org/xml/features/xinclude
factory.setXMLResolver(new MySafeEntityResolver());
```

See

- Oracle Java Documentation XML External Entity Injection Attack
- OWASP Top 10 2017 Category A4 XML External Entities (XXE)
- OWASP XXE Prevention Cheat Sheet
- MITRE, CWE-611 Information Exposure Through XML External Entity Reference
- MITRE, CWE-827 Improper Control of Document Type Definition

Available In:



© 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