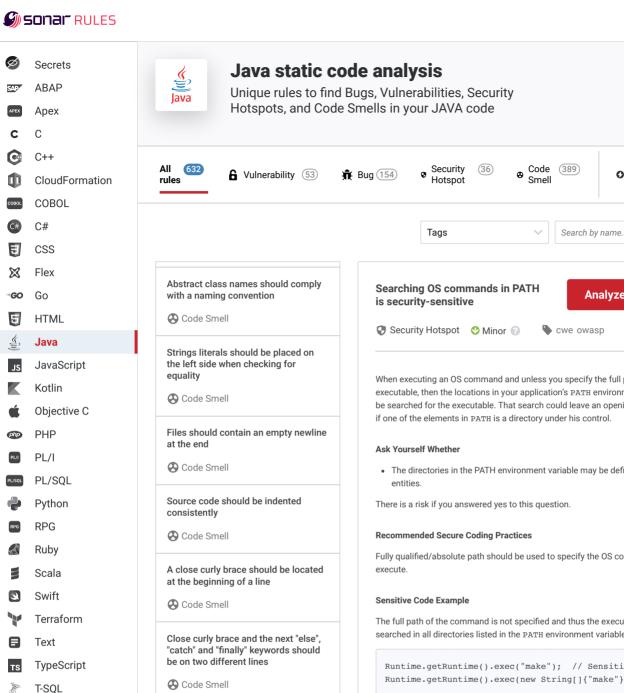
Products ✓

O Quick 42

Analyze your code



Close curly brace and the next "else", "catch" and "finally" keywords should

An open curly brace should be located

An open curly brace should be located

Tabulation characters should not be

Functions should not be defined with

a variable number of arguments

be located on the same line

at the beginning of a line

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at the end of a line Code Smell

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used

cwe owasp When executing an OS command and unless you specify the full path to the executable, then the locations in your application's PATH environment variable will be searched for the executable. That search could leave an opening for an attacker if one of the elements in PATH is a directory under his control. • The directories in the PATH environment variable may be defined by not trusted Fully qualified/absolute path should be used to specify the OS command to The full path of the command is not specified and thus the executable will be searched in all directories listed in the PATH environment variable: Runtime.getRuntime().exec("make"); // Sensitive Runtime.getRuntime().exec(new String[]{"make"}); // Sensiti ProcessBuilder builder = new ProcessBuilder("make"); // Sen builder.command("make"); // Sensitive Compliant Solution

The command is defined by its full path:

Runtime.getRuntime().exec("/usr/bin/make"); // Compliant Runtime.getRuntime().exec(new String[]{"~/bin/make"}); // C ProcessBuilder builder = new ProcessBuilder("./bin/make"); builder.command("../bin/make"); // Compliant builder.command(Arrays.asList("..\bin\make", "-j8")); // Com builder = new ProcessBuilder(Arrays.asList(".\make")); // C builder.command(Arrays.asList("C:\bin\make", "-j8")); // Co builder.command(Arrays.asList("\\SERVER\bin\make")); // Com

- OWASP Top 10 2021 Category A8 Software and Data Integrity Failures
- OWASP Top 10 2017 Category A1 Injection
- MITRE, CWE-426 Untrusted Search Path
- MITRE, CWE-427 Uncontrolled Search Path Element

VB.NET

VB6

XML

Local-Variable Type Inference should be used

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Migrate your tests from JUnit4 to the new JUnit5 annotations

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Track uses of disallowed classes

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Track uses of "@SuppressWarnings" annotations

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