Secrets
ABAP
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CloudFormation
COBOL
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Dart
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Kubernetes
Objective C
PHP
PL/I
PL/SQL
Python
RPG
Ruby
Scala
Swift
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Text
TypeScript
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VB.NET
VB6
XML

Docker static code analysis

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

All rules 44 | Vulnerability 4 | Bug 4 | Security Hotspot 15 | Code Smell 21

Tags | Impact | Clean code attribute | Search by name...

Deprecated instructions should not be used
Code Smell

Consent flag should be set to avoid manual input
Code Smell

Environment variables should not be unset on a different layer than they were set
Code Smell

Expanded filenames should not become options
Code Smell

Double quote to prevent globbing and word splitting
Code Smell

Instructions should be upper case
Code Smell

Allowing non-root users to modify resources copied to an image is security-sensitive
Security Hotspot

Automatically installing recommended packages is security-sensitive
Security Hotspot

Running containers as a privileged user is security-sensitive
Security Hotspot

Delivering code in production with debug features activated is security-sensitive
Security Hotspot

Use ADD instruction to retrieve remote resources
Code Smell

Deprecated instructions should not be used

Analyze your code

Consistency - Conventional | Maintainability

Code Smell | Major

Deprecated instructions should be replaced by other suggested instructions.

Why is this an issue? | How can I fix it? | More Info

Code examples

Noncompliant code example

```
MAINTAINER bob
```

Compliant solution

```
LABEL org.opencontainers.image.authors="bob"
```

How does this work?

The `LABEL` instruction is much more flexible than `MAINTAINER` and should be used instead.

Available In:

sonarlint | sonarcloud | sonarqube