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XML

XML static code analysis

Unique rules to find Bugs and Code Smells in your XML code

All rules

36



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XML files containing a prolog header should start with "<?xml" characters

Bug

Using clear-text protocols is security-sensitive

Security Hotspot

Receiving intents is security-sensitive

Security Hotspot

Restrict access to exported components with appropriate permissions

Vulnerability

"DefaultMessageListenerContainer" instances should not drop messages during restarts

Bug

"SingleConnectionFactory" instances should be set to "reconnectOnException"

Bug

Defining a single permission for read and write access of Content Providers is security-sensitive

Security Hotspot

Allowing application backup is security-sensitive

Security Hotspot

Requesting dangerous Android permissions is security-sensitive

Security Hotspot

Sections of code should not be commented out

Code Smell

Track uses of "FIXME" tags

Code Smell

Custom permissions should not be defined in the 'android.permission' namespace

Vulnerability

XML files containing a prolog header should start with "<?xml" characters

Analyze your code

Bug Critical ?

The prolog header is the following piece of code that some XML documents start with:

```
<?xml version="y.x" encoding="zzzzz"?>
```

When the prolog exists in an XML document, it should be at the beginning of the file to enable programs to determine the encoding of non-UTF-8, non-UTF-16 files.

Noncompliant Code Example

```
<!-- Generated file --> <!-- Noncompliant -->
<?xml version="1.0" encoding="UTF-8"?>
<firstNode>
  content
</firstNode>
```

Compliant Solution

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Generated file -->
<firstNode>
  content
</firstNode>
```

Available In:

sonarlint



sonarcloud



sonarqube

