

Products ✓

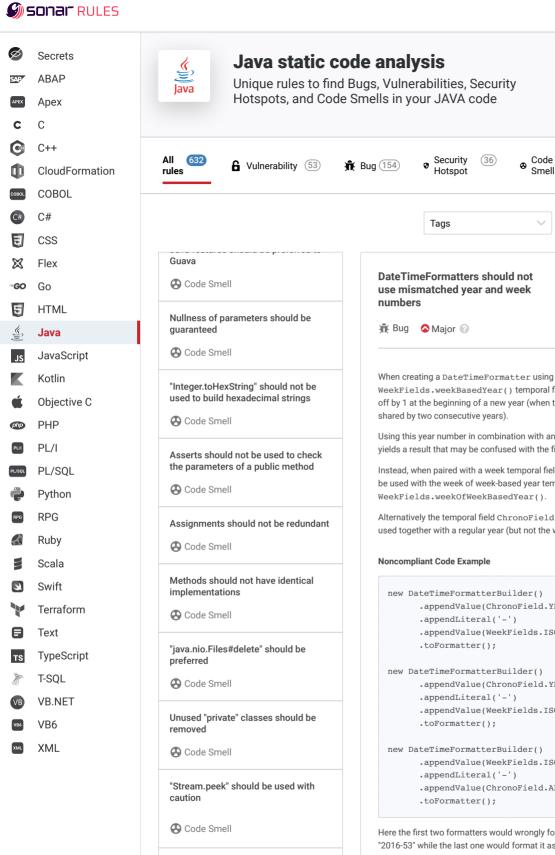
O Quick 42 Fix

Analyze your code

(389)

Search by name.

Smell



"Map.get" and value test should be replaced with single method call

"@RequestMapping" methods should

Raw types should not be used

Code Smell

not be "private"

Code Smell

Code Smell

When creating a DateTimeFormatter using the WeekFields.weekBasedYear() temporal field, the resulting year number may be off by 1 at the beginning of a new year (when the date to format is in a week that is Using this year number in combination with an incompatible week temporal field yields a result that may be confused with the first week of the previous year. Instead, when paired with a week temporal field, the week-based year should only be used with the week of week-based year temporal field WeekFields weekOfWeekBasedVear() Alternatively the temporal field ChronoField.ALIGNED WEEK OF YEAR can be used together with a regular year (but not the week based year). new DateTimeFormatterBuilder() .appendValue(ChronoField.YEAR, 4) // Noncompliant: usi .appendValue(WeekFields.ISO.weekOfWeekBasedYear(), 2) new DateTimeFormatterBuilder() .appendValue(ChronoField.YEAR\_OF\_ERA, 4) // Noncomplia .appendValue(WeekFields.ISO.weekOfWeekBasedYear(), 2) new DateTimeFormatterBuilder() .appendValue(WeekFields.ISO.weekBasedYear(), 4) // Non .appendValue(ChronoField.ALIGNED\_WEEK\_OF\_YEAR, 2) Here the first two formatters would wrongly format the 1st of January 2016 as "2016-53" while the last one would format it as "2015-01" **Compliant Solution** 

.appendValue(WeekFields.ISO.weekBasedYear(), 4)

.appendValue(WeekFields.ISO.weekOfWeekBasedYear(), 2)

.appendValue(ChronoField.ALIGNED\_WEEK\_OF\_YEAR, 2)

new DateTimeFormatterBuilder()

.appendLiteral('-')

.toFormatter();

new DateTimeFormatterBuilder()

.appendLiteral('-')

.appendValue(ChronoField.YEAR, 4)

"Arrays.stream" should be used for primitive arrays

Code Smell

Printf-style format strings should be used correctly

Code Smell

Assertion arguments should be passed in the correct order

Code Smell

Ternary operators should not be nested

Code Smell

```
.toFormatter();
new DateTimeFormatterBuilder()
    .appendValue(ChronoField.YEAR_OF_ERA, 4)
    .appendLiteral('-')
    .appendValue(ChronoField.ALIGNED_WEEK_OF_YEAR, 2)
    .toFormatter();
```

Here the first formatter would format the 1st of January 2016 as "2015-53" while the last two would produce "2016-01", both of which are correct depending on how you count the weeks.

## Exceptions

No issue is raised when week-based year is not used in combination with a week temporal field.

Similarly, no issue is raised if week of week-based year is not used in combination with a year temporal field.

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