

Reporte de Reglas de SonarQube

JAVA

Track uses of "FIXME" tags (java:S1134) - Severidad: MAJOR

Track uses of "TODO" tags (java:S1135) - Severidad: INFO

Classes and enums with private members should have a constructor (java:S1258) -
Severidad: MAJOR

"toString()" and "clone()" methods should not return null (java:S2225) - Severidad:
MAJOR

Servlets should not have mutable instance fields (java:S2226) - Severidad: MAJOR

Boolean expressions should not be gratuitous (java:S2589) - Severidad: MAJOR

Value-based classes should not be used for locking (java:S3436) - Severidad: MAJOR

"default" clauses should be last (java:S4524) - Severidad: CRITICAL

Lambdas should not have too many lines (java:S5612) - Severidad: MAJOR

Consecutive AssertJ "assertThat" statements should be chained (java:S5853) -
Severidad: MINOR

Regexes containing characters subject to normalization should use the `CANON_EQ` flag (java:S5854) - Severidad: MAJOR

Regex alternatives should not be redundant (java:S5855) - Severidad: MAJOR

Regular expressions should be syntactically valid (java:S5856) - Severidad: CRITICAL

Similar tests should be grouped in a single Parameterized test (java:S5976) - Severidad: MAJOR

Tests should use fixed data instead of randomized data (java:S5977) - Severidad: MAJOR

Exceptions in "throws" clauses should not be superfluous (java:S1130) - Severidad: MINOR

Strings literals should be placed on the left side when checking for equality (java:S1132) - Severidad: MINOR

Deprecated code should be removed (java:S1133) - Severidad: INFO

"Exception" should not be caught when not required by called methods (java:S2221) - Severidad: MINOR

Locks should be released on all paths (java:S2222) - Severidad: CRITICAL

Methods should not call same-class methods with incompatible "@Transactional" values (java:S2229) - Severidad: BLOCKER

Conditionally executed code should be reachable (java:S2583) - Severidad: MAJOR

Overrides should match their parent class methods in synchronization (java:S3551) -
Severidad: MAJOR

"Optional" should not be used for parameters (java:S3553) - Severidad: MAJOR

Alternatives in regular expressions should be grouped when used with anchors
(java:S5850) - Severidad: MAJOR

Using slow regular expressions is security-sensitive (java:S5852) - Severidad:
CRITICAL

**Character classes should be preferred over reluctant quantifiers in regular
expressions** (java:S5857) - Severidad: MINOR

Spring's ModelAndViewAssert assertions should be used instead of other assertions
(java:S5970) - Severidad: MAJOR

Tests should be stable (java:S5973) - Severidad: MAJOR

Annotated Mockito objects should be initialized (java:S5979) - Severidad: BLOCKER

"@Autowired" should be used when multiple constructors are provided (java:S6829) -
Severidad: MINOR

Methods should not have too many return statements (java:S1142) - Severidad: MAJOR

Jump statements should not occur in "finally" blocks (java:S1143) - Severidad:
CRITICAL

Unused "private" methods should be removed (java:S1144) - Severidad: MAJOR

Exit methods should not be called (java:S1147) - Severidad: BLOCKER

A "while" loop should be used instead of a "for" loop (java:S1264) - Severidad: MINOR

Reflection should not be used to check non-runtime annotations (java:S2109) -
Severidad: MAJOR

"BigDecimal(double)" should not be used (java:S2111) - Severidad: MAJOR

"URL.hashCode" and "URL.equals" should be avoided (java:S2112) - Severidad:
MAJOR

Collections should not be passed as arguments to their own methods (java:S2114) -
Severidad: MAJOR

A secure password should be used when connecting to a database (java:S2115) -
Severidad: BLOCKER

"hashCode" and "toString" should not be called on array instances (java:S2116) -
Severidad: MAJOR

Methods with Spring proxying annotations should be public (java:S2230) - Severidad:
MAJOR

"ResultSet.isLast()" should not be used (java:S2232) - Severidad: MAJOR

Parameters should be passed in the correct order (java:S2234) - Severidad: MAJOR

"IllegalMonitorStateException" should not be caught (java:S2235) - Severidad: CRITICAL

Methods "wait(...)", "notify()" and "notifyAll()" should not be called on Thread instances (java:S2236) - Severidad: BLOCKER

Whitespace and control characters in literals should be explicit (java:S2479) - Severidad: CRITICAL

Value-based objects should not be serialized (java:S3437) - Severidad: MINOR

Track uses of disallowed classes (java:S3688) - Severidad: INFO

"@Deprecated" code marked for removal should never be used (java:S5738) - Severidad: MAJOR

Names of regular expressions named groups should be used (java:S5860) - Severidad: MAJOR

Case insensitive Unicode regular expressions should enable the "UNICODE_CASE" flag (java:S5866) - Severidad: MAJOR

Unicode-aware versions of character classes should be preferred (java:S5867) - Severidad: MINOR

Bean names should adhere to the naming conventions (java:S6830) - Severidad: MINOR

Non-singleton Spring beans should not be injected into singleton beans (java:S6832) - Severidad: MAJOR

"@Controller" should be replaced with "@RestController" (java:S6833) - Severidad: MAJOR

Limited dependence should be placed on operator precedence (java:S864) - Severidad: MAJOR

Try-catch blocks should not be nested (java:S1141) - Severidad: MAJOR

Synchronized classes "Vector", "Hashtable", "Stack" and "StringBuffer" should not be used (java:S1149) - Severidad: MAJOR

Package declaration should match source file directory (java:S1598) - Severidad: CRITICAL

Invalid "Date" values should not be used (java:S2110) - Severidad: MAJOR

"writeObject" argument must implement "Serializable" (java:S2118) - Severidad: MAJOR

"Random" objects should be reused (java:S2119) - Severidad: CRITICAL

"collect" should be used with "Streams" instead of "list::add" (java:S2203) - Severidad: MINOR

"private" and "final" methods that don't access instance data should be "static" (java:S2325) - Severidad: MINOR

Blocks should be synchronized on "private final" fields (java:S2445) - Severidad: MAJOR

"notifyAll()" should be preferred over "notify()" (java:S2446) - Severidad: MAJOR

Cipher Block Chaining IVs should be unpredictable (java:S3329) - Severidad: CRITICAL

Tests should be kept in a dedicated source directory (java:S3414) - Severidad: MAJOR

Optional value should only be accessed after calling isPresent() (java:S3655) -
Severidad: MAJOR

Cognitive Complexity of methods should not be too high (java:S3776) - Severidad:
CRITICAL

Assertions should not compare an object to itself (java:S5863) - Severidad: MAJOR

Unicode Grapheme Clusters should be avoided inside regex character classes
(java:S5868) - Severidad: MAJOR

Character classes in regular expressions should not contain the same character twice
(java:S5869) - Severidad: MAJOR

"@Qualifier" should not be used on "@Bean" methods (java:S6831) - Severidad:
MAJOR

Superfluous "@ResponseBody" annotations should be removed (java:S6837) -
Severidad: MAJOR

**"@Bean" methods for Singleton should not be invoked in "@Configuration" when
proxyBeanMethods is false** (java:S6838) - Severidad: MAJOR

Increment (++) and decrement (--) operators should not be used in a method call or mixed with other operators in an expression (java:S881) - Severidad: MAJOR

Track uses of "NOSONAR" comments (java:NoSonar) - Severidad: MAJOR

Redundant pairs of parentheses should be removed (java:S1110) - Severidad: MAJOR

The "Object.finalize()" method should not be called (java:S1111) - Severidad: MAJOR

The "Object.finalize()" method should not be overridden (java:S1113) - Severidad: CRITICAL

Local variables should not shadow class fields (java:S1117) - Severidad: MAJOR

Utility classes should not have public constructors (java:S1118) - Severidad: MAJOR

Labels should not be used (java:S1119) - Severidad: MAJOR

"Collections.EMPTY_LIST", "EMPTY_MAP", and "EMPTY_SET" should not be used (java:S1596) - Severidad: MINOR

"compareTo" results should not be checked for specific values (java:S2200) - Severidad: MINOR

Return values from functions without side effects should not be ignored (java:S2201) - Severidad: MAJOR

".equals()" should not be used to test the values of "Atomic" classes (java:S2204) - Severidad: MAJOR

Wildcard imports should not be used (java:S2208) - Severidad: CRITICAL

"static" members should be accessed statically (java:S2209) - Severidad: MAJOR

Unused type parameters should be removed (java:S2326) - Severidad: MAJOR

Classes with only "static" methods should not be instantiated (java:S2440) - Severidad: MAJOR

Non-serializable objects should not be stored in "javax.servlet.http.HttpSession" instances (java:S2441) - Severidad: MAJOR

Synchronizing on a "Lock" object should be avoided (java:S2442) - Severidad: MAJOR

Lazy initialization of "static" fields should be "synchronized" (java:S2444) - Severidad: CRITICAL

Multiline blocks should be enclosed in curly braces (java:S2681) - Severidad: MAJOR

Files opened in append mode should not be used with "ObjectOutputStream" (java:S2689) - Severidad: BLOCKER

HTML

JAVASCRIPT