

-  Secrets
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Kotlin static code analysis

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

All rules 98


 Vulnerability 10













 Bug 17

 Security Hotspot 15

 Code Smell 56

Tags ▾

Search by name... 

Hard-coded credentials are security-sensitive	 Security Hotspot
Cipher algorithms should be robust	 Vulnerability
Encryption algorithms should be used with secure mode and padding scheme	 Vulnerability
Server hostnames should be verified during SSL/TLS connections	 Vulnerability
Server certificates should be verified during SSL/TLS connections	 Vulnerability
Cryptographic keys should be robust	 Vulnerability
Weak SSL/TLS protocols should not be used	 Vulnerability
"SecureRandom" seeds should not be predictable	 Vulnerability
Cipher Block Chaining IVs should be unpredictable	 Vulnerability
Hashes should include an unpredictable salt	 Vulnerability
Regular expressions should be syntactically valid	 Bug
"runFinalizersOnExit" should not be called	 Bug

Control flow statements "if", "for", "while", "when" and "try" should not be nested too deeply

Analyze your code

 Code Smell  Critical   brain-overload

Nested if, for, while, when, and try statements are key ingredients for making what's known as "Spaghetti code".

Such code is hard to read, refactor and therefore maintain.

Available In:
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<div>"ScheduledThreadPoolExecutor" should not have 0 core threads</div> <div> Bug</div>
<div>Jump statements should not occur in "finally" blocks</div> <div> Bug</div>
<div>Using clear-text protocols is security-sensitive</div> <div> Security Hotspot</div>
<div>Accessing Android external storage is security-sensitive</div> <div> Security Hotspot</div>
<div>Receiving intents is security-sensitive</div> <div> Security Hotspot</div>
<div>Broadcasting intents is security-sensitive</div> <div> Security Hotspot</div>
<div>Using weak hashing algorithms is security-sensitive</div> <div> Security Hotspot</div>
<div>Using pseudorandom number generators (PRNGs) is security-sensitive</div> <div> Security Hotspot</div>
<div>Empty lines should not be tested with regex MULTILINE flag</div> <div> Code Smell</div>
<div>Cognitive Complexity of functions should not be too high</div> <div> Code Smell</div>