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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
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-  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

Method names should comply with a naming convention

Analyze your code

-  Code Smell
-  Minor 
-  convention

Shared naming conventions allow teams to collaborate efficiently. This rule checks that all function names match a provided regular expression.

Available In:

sonarlint  sonarcloud  sonarqube 

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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>