





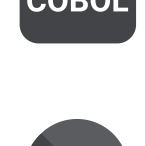




























-  Secrets
-  ABAP
-  Apex
-  C
-  C++
-  CloudFormation
-  COBOL
-  C#
-  CSS
-  Flex
-  Go
-  HTML
-  Java
-  JavaScript
-  Kotlin
-  Kubernetes
-  Objective C
-  PHP
-  PL/I
-  PL/SQL
-  Python
-  RPG
-  Ruby
-  Scala
-  Swift
-  Terraform
-  Text
-  TypeScript
-  **T-SQL**
-  VB.NET
-  VB6
-  XML




T-SQL static code analysis


Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your T-SQL code


- All rules 80
-  Vulnerability 1
-  Bug 16
-  Security Hotspot 4
-  Code Smell 59


Tags 


Search by name... 


- "DELETE" and "UPDATE" statements should contain "WHERE" clauses


 Bug
- Hard-coded credentials are security-sensitive


 Security Hotspot
- The number of variables in a FETCH statement should match the number of columns in the cursor


 Bug
- "CASE" input expressions should be invariant


 Bug
- Nullable subqueries should not be used in "NOT IN" conditions


 Bug
- Using weak hashing algorithms is security-sensitive


 Security Hotspot
- Dynamically executing code is security-sensitive

 Security Hotspot
- "SELECT" statements used as argument of "EXISTS" statements should be selective

 Code Smell
- Size should be specified for "varchar" variables and parameters

 Code Smell
- Conditionally executed code should be denoted by either indentation or BEGIN...END block

 Code Smell
- Conditionals should start on new lines

 Code Smell
- "INSERT" statements should explicitly list the

"DELETE" and "UPDATE" statements should contain "WHERE" clauses

[Analyze your code](#)

 Bug

 Blocker



 sql

UPDATE and DELETE statements should contain WHERE clauses to keep the modification of records under control. Otherwise unexpected data loss could result.

Noncompliant Code Example

```
DELETE FROM countries
UPDATE employee SET status = 'retired' FROM table1 AS employee
```

Compliant Solution

```
TRUNCATE TABLE countries
DELETE FROM countries WHERE CODE = @country_code
UPDATE employee SET status = 'retired' FROM table1 AS employee WHERE age > @maxAge
```

Exceptions

No issue is reported for statements made on temporary tables.

Available In:

sonarlint  | **sonarcloud**  | **sonarqube**  Developer Edition