
















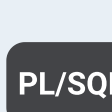
















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PL/SQL

PL/SQL static code analysis

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

All rules 188

 Vulnerability 4

 Bug 45

 Security Hotspot 2

 Code Smell 137

Tags

Search by name...

Improper constraint forms should not be used

 Bug

Scale should not be specified for float types

 Bug

Constant declarations should contain initialization assignments

 Bug

"RAISE_APPLICATION_ERROR" should only be used with error codes from -20,000 to -20,999

 Bug

"FETCH ... BULK COLLECT INTO" should not be used without a "LIMIT" clause

 Bug

Anchored types should not be constrained

 Bug

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

 Bug

"FORALL" statements should use the "SAVE EXCEPTIONS" clause

 Bug

Pipelined functions should have at least one "PIPE ROW" statement and not return an expression (PLS-00633)

 Bug

GOTO should not be used to jump backwards

 Code Smell

Quoted identifiers should not be used

 Code Smell

Loop start and end labels should match

 Code Smell

Block start and end labels should match

 Code Smell

Cipher algorithms should be robust

Scale should not be specified for float types

Analyze your code

 Bug  Blocker 

Float data types, such as `FLOAT`, `DOUBLE PRECISION`, and `REAL` cannot have a scale constraint. Trying to specify a scale results in the exception `PLS-00510: Float cannot have scale being raised.`

Noncompliant Code Example

```
DECLARE
    foo FLOAT(10, 3); -- Noncompliant - raises PLS-00510
BEGIN
    NULL;
END;
/
```

Compliant Solution

```
DECLARE
    foo FLOAT(10); -- Compliant
BEGIN
    NULL;
END;
/
```

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