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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

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⊛ Code Smell

Queries should not "SELECT" too many columns
⊛ Code Smell

"ROWID" and "UROWID" data types should not be used
⊛ Code Smell

"RETURN" should not be used from within a loop
⊛ Code Smell

"NUMBER" variables should be declared with precision
⊛ Code Smell

Nested subqueries should be avoided
⊛ Code Smell

Nested loops should be labeled
⊛ Code Smell

Nested blocks should be labeled
⊛ Code Smell

"RESULT_CACHE" should not be used
⊛ Code Smell

Columns should be aliased
⊛ Code Smell

Track parsing failures
⊛ Code Smell

Files should not be too complex
⊛ Code Smell

Function and procedure parameters should comply with a naming convention

Queries should not "SELECT" too many columns

Analyze your code

⊛ Code Smell　⊗ Major ⑦　🏷 brain-overload sql

`SELECT` queries that return too many columns may be complex or difficult to maintain.

This rule identifies queries that `SELECT` more than the specified number of columns.

Noncompliant Code Example

With a threshold of 6:

```
BEGIN
    SELECT id, name, firstname, gender, height, weight, age -- Noncompliant
        INTO peopleArray
        FROM people
        WHERE age > 60;
END;
/
```

Available In:

sonarlint | sonarcloud | sonarqube Developer Edition