

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

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Columns should be aliased

Analyze your code

 Code Smell  Major   design sql

Consistently using aliases for column names is useful for several reasons. The main one is that the code is independant from potential database modifications - when a column has been renamed to comply with standards for instance. Another reason is to remove ambiguity when querying several tables that may have equivalent column names.

Noncompliant Code Example

```
BEGIN
  SELECT
    emp.name, -- Noncompliant - should be aliased
    dpt.name -- Noncompliant - should be aliased
  INTO employeesArray
  FROM employee emp INNER JOIN department dpt
  ON emp.DepartmentID = dpt.ID;
END;
/
```

Compliant Solution

```
BEGIN
    SELECT
        emp.name employee_name, -- Compliant
        dpt.name departement_name -- Compliant
    INTO employeesArray
    FROM employee emp INNER JOIN department dpt
    ON emp.DepartmentID = dpt.ID;
END;
```

Available In:

sonarlint  | sonarcloud  | sonarqube  Developer Edition