

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

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Search by name...

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 Code Smell	
Columns to be read with a "SELECT" statement should be clearly defined	
 Code Smell	
"CASE" structures should not have too many "WHEN" clauses	
 Code Smell	
Deprecated LONG and LONG RAW datatypes should no longer be used	
 Code Smell	
Sections of code should not be commented out	
 Code Smell	
Unused procedure and function parameters should be removed	
 Code Smell	
SQL EXISTS subqueries should not be used	
 Code Smell	
Track uses of "FIXME" tags	
 Code Smell	
Variables should not be shadowed	
 Code Smell	
Redundant pairs of parentheses should be removed	
 Code Smell	
Functions and procedures should not have too many parameters	
Code Smell	
Collapsible "if" statements should be merged	
Code Smell	

Columns to be read with a "SELECT" statement should be clearly defined

Analyze your code

 Code Smell Major performance sql

`SELECT *` should be avoided because it releases control of the returned columns and could therefore lead to errors and potentially to performance issues.

Noncompliant Code Example

```
DECLARE
    myvar CHAR;
BEGIN
    SELECT * INTO myvar FROM DUAL; -- Noncompliant
END;

/
```

Compliant Solution

```
DECLARE
    myvar CHAR;
BEGIN
    SELECT dummy INTO myvar FROM DUAL;
END;
/
```

Exceptions

Wrapper queries using ROWNUM are ignored.

```
SELECT *
FROM ( SELECT fname, lname, deptId
      FROM employee
      ORDERBY salary
    )
WHERE rownum <= 10
```

Available In:

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