

# 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...

 Bug

"DBMS\_OUTPUT.PUT\_LINE" should not be used

 Code Smell

## "WHEN OTHERS" should not be the only exception handler

 Code Smell

"INSERT" statements should explicitly list the columns to be set

 Code Smell

**"%TYPE" and "%ROWTYPE" should not be used in package specification**

 Code Smell

## Functions and procedures should not be too complex

 Code Smell

"IF ... ELSEIF" constructs should end with "ELSE" clauses

 Code Smell

## "WHEN OTHERS" clauses should be used for exception handling

## Code Smell

"CREATE\_TIMER" should not be used

 Code Smell

"TO\_DATE" and "TO\_TIMESTAMP" should be used with a datetime format model

 Code Smell

## Features deprecated in Oracle 12 should not be used

 Code Smell

## Tables should be aliased

## "DBMS\_OUTPUT.PUT\_LINE" should not be used

## Analyze your code

 Code Smell
  Critical
 
 bad-practice

The output of `DBMS_OUTPUT.PUT_LINE` is not always visible, for example when `SERVEROUTPUT` is set to `OFF`. Moreover, there is no standardized way to specify the importance of the message. It is better to use a logging mechanism instead.

## Noncompliant Code Example

```
SET SERVEROUTPUT ON

BEGIN

    DBMS_OUTPUT.PUT_LINE('An error ocured'); -- Noncompliant

END;

/
```

Available In:

sonarlint  | sonarcloud  | sonarqube  Developer Edition

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