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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...

Code Smell

Cursors should follow a naming convention
Code Smell

Types should follow a naming convention
Code Smell

Cursor parameters should follow a naming convention
Code Smell

Exceptions should follow a naming convention
Code Smell

Exceptions should not be ignored
Code Smell

Variables should not be initialized with "NULL"
Code Smell

Boolean checks should not be inverted
Code Smell

Unused local variables should be removed
Code Smell

Package names should comply with a naming convention
Code Smell

Variables should comply with a naming convention
Code Smell

Return of boolean expressions should not be wrapped into an "if-then-else" statement
Code Smell

Boolean literals should not be redundant

Cursors should follow a naming convention

Analyze your code

Code Smell | Minor | convention

Shared coding conventions allow teams to collaborate efficiently. This rule checks that all cursor names match the provided regular expression.

Noncompliant Code Example

With the default regular expression, `[a-zA-Z]([a-zA-Z0-9_]*[a-zA-Z0-9])?`:

```
CREATE TABLE employee(
  name VARCHAR2(42)
);

DECLARE
  CURSOR myCursor_ RETURN employee%ROWTYPE; -- Noncompliant

  CURSOR myCursor_ RETURN employee%ROWTYPE IS SELECT * FROM employee; -- Noncompliant
BEGIN
  NULL;
END;
/

DROP TABLE employee;
```

Compliant Solution

```
CREATE TABLE employee(
  name VARCHAR2(42)
);

DECLARE
  CURSOR myCursor RETURN employee%ROWTYPE;

  CURSOR myCursor RETURN employee%ROWTYPE IS SELECT * FROM employee;
BEGIN
  NULL;
END;
/

DROP TABLE employee;
```

Available In:

sonarlint | sonarcloud | sonarqube Developer Edition

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