




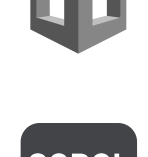








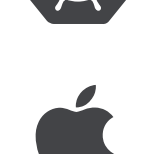





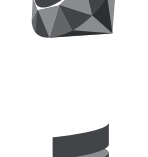













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PL/SQL

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

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 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

 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:
 |  |  Developer Edition

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