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## PL/SQL

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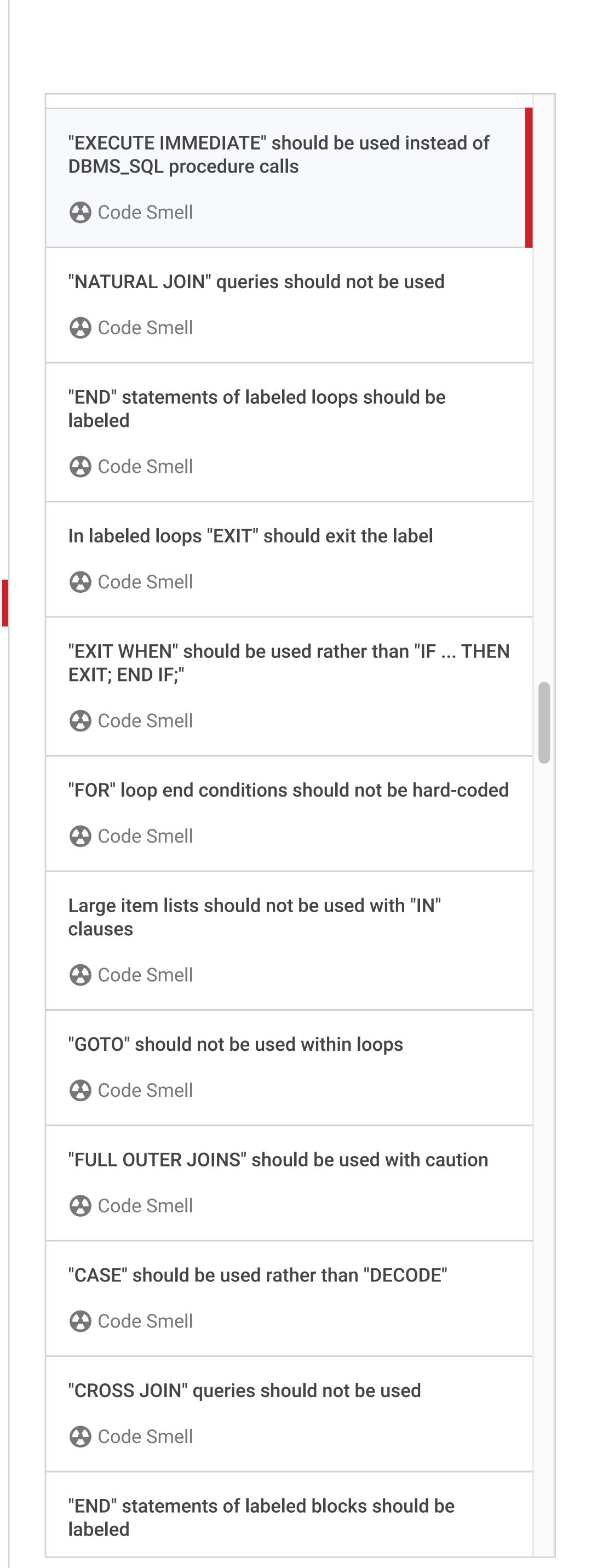
VB6





Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PL/SQL code





```
"EXECUTE IMMEDIATE" should be used instead of DBMS_SQL procedure
                                                                             Analyze your code
calls
EXECUTE IMMEDIATE is easier to use and understand than the DBMS_SQL package's procedures. It should therefore be preferred,
when possible.
Noncompliant Code Example
 SET SERVEROUTPUT ON
 CREATE TABLE myTable(
   foo VARCHAR2(42)
 CREATE PROCEDURE drop_table(tableName VARCHAR2) AS
   cursorIdentifier INTEGER;
 BEGIN
   cursorIdentifier := DBMS_SQL.OPEN_CURSOR; -- Compliant; this is not a procedure call
   DBMS_SQL.PARSE(cursorIdentifier, 'DROP TABLE ' | tableName, DBMS_SQL.NATIVE); -- Noncompliant
   DBMS_SQL.CLOSE_CURSOR(cursorIdentifier); -- Noncompliant
   DBMS_OUTPUT.PUT_LINE('Table ' | tableName | ' dropped.');
 EXCEPTION
   WHEN OTHERS THEN
     DBMS_SQL.CLOSE_CURSOR(cursorIdentifier); -- Noncompliant
 END;
 BEGIN
   drop_table('myTable');
 END;
 DROP PROCEDURE drop_table;
Compliant Solution
 SET SERVEROUTPUT ON
 CREATE TABLE myTable(
   foo VARCHAR2(42)
 CREATE PROCEDURE drop_table(tableName VARCHAR2) AS
   cursorIdentifier INTEGER;
 BEGIN
   EXECUTE IMMEDIATE 'DROP TABLE ' | tableName;
   DBMS_OUTPUT.PUT_LINE('Table ' | tableName | ' dropped.');
  END;
 BEGIN
   drop_table('myTable');
 END;
 DROP PROCEDURE drop_table;
 Available In:
sonarlint  sonarcloud  sonarqube Developer Edition
```

Tags