

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

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## 🔒 Vulnerability ④

 Bug (45)

 Security Hotspot 2

Code Smell 137

## Tags

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 Code Smell

"CASE" should be used rather than "DECODE"

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"CROSS JOIN" queries should not be used

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## "END" statements of labeled blocks should be labeled

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## Two branches in a conditional structure should not have exactly the same implementation

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Unused assignments should be removed

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## "LIKE" clauses should not start with wildcard characters

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Column names should be used in a SQL "ORDER BY" clause

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### Procedures and functions should be documented

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## SQL statements should not join too many tables

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Function and procedure names should comply with a naming convention

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

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## "FULL OUTER JOINS" should be used with caution

## Analyze your code

Code Smell Major ? pitfall sql

Full outer joins aren't in common use, and as a result many developers don't really understand them. Therefore, each use of this language feature should be reviewed.

### Noncompliant Code Example

```
BEGIN
  SELECT *
  BULK COLLECT INTO result
  FROM DUAL d1
  FULL OUTER JOIN DUAL d2 ON d1.dummy != d2.dummy; -- Noncompliant
END;
```

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