


















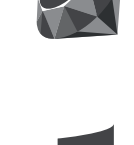




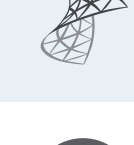









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T-SQL static code analysis

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

- All rules 80
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Column names should be used in an "ORDER BY" clause		Code Smell
Queries should not join too many tables		Code Smell
Function and procedure names should comply with a naming convention		Code Smell
Columns to be read with a "SELECT" statement should be clearly defined		Code Smell
"CASE" expressions should not have too many "WHEN" clauses		Code Smell
Sections of code should not be commented out		Code Smell
Unused procedure and function parameters should be removed		Code Smell
Track uses of "FIXME" tags		Code Smell
Redundant pairs of parentheses should be removed		Code Smell
Functions and procedures should not have too many parameters		Code Smell
Collapsible "if" statements should be merged		Code Smell

Column names should be used in an "ORDER BY" clause

Analyze your code

 Code Smell

 Major ?

 sql

Even though the `ORDER BY` clause supports using column numbers, doing so makes the code difficult to read and maintain. Therefore the use of column names is preferred.



Noncompliant Code Example



```
SELECT FIRST_NAME, LAST_NAME, REGION
FROM PERSONS
ORDER BY 2, 1
```



Compliant Solution

```
SELECT FIRST_NAME, LAST_NAME, REGION
FROM PERSONS
ORDER BY LAST_NAME, FIRST_NAME
```

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