

































-  Secrets
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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
-  Vulnerability 1
-  Bug 16
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-  Code Smell 59


Tags 



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Control structures should use BEGIN...END blocks		Code Smell
String literals should not be duplicated		Code Smell
Expressions should not be too complex		Code Smell
"WHERE" clauses should not contain redundant conditions		Bug
Track lack of SQL Server session configuration		Code Smell
Duplicate values should not be passed as arguments		Code Smell
Track parsing failures		Code Smell
Functions and stored procedure should not have too many lines of code		Code Smell
Track uses of "NOSONAR" comments		Code Smell
Statements should be on separate lines		Code Smell
"WHEN" clauses should not have too many lines of code		Code Smell
Files should not have too many lines of code		

### Control structures should use BEGIN...END blocks

Analyze your code

 Code Smell

 Critical 

 pitfall

While not technically incorrect, the omission of `BEGIN . . . END` can be misleading, and may lead to the introduction of errors during maintenance.

#### Noncompliant Code Example

```
IF @flag = 1 -- Noncompliant
    EXEC something;
```




#### Compliant Solution

```
IF @flag = 1
    BEGIN
        EXEC something;
    END;
```

#### See

- [CERT, EXP19-C](#). - Use braces for the body of an if, for, or while statement
- [CERT, EXP52-J](#). - Use braces for the body of an if, for, or while statement

Available In:

Developer Edition