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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 | Security Hotspot 4 | Code Smell 59

Tags

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Column references should not have more than two-parts
Code Smell

Triggers should not "PRINT", "SELECT", or "FETCH"
Code Smell

"LIKE" clauses should not be used without wildcards
Code Smell

Jump statements should not be redundant
Code Smell

"CATCH" clauses should do more than rethrow
Code Smell

Boolean checks should not be inverted
Code Smell

Multiple variables should not be declared on the same line
Code Smell

Unused local variables should be removed
Code Smell

Local variable and parameter names should comply with a naming convention
Code Smell

Empty statements should be removed
Code Smell

Track uses of "TODO" tags
Code Smell

A primary key should be specified during table

Column references should not have more than two-parts

Analyze your code

Code Smell | Minor | obsolete

Referencing a column by specifying the schema or the database is deprecated. It is retained temporarily for backward compatibility, but it will eventually be removed from the language. You should only use one part (`column_name`) or two part (`table_name.column_name`) references.

Noncompliant Code Example

```
SELECT dbo.table1.col1,       -- Noncompliant, three-part column reference
       MY_DB.dbo.table1.col2  -- Noncompliant, four-part column reference
       FROM MY_DB.dbo.table1;

SELECT dbo.table1.name,       -- Noncompliant
       dbo.table2.name        -- Noncompliant
       FROM dbo.table1
       JOIN dbo.table2
         ON dbo.table2.id = dbo.table1.id; -- Noncompliant
```

Compliant Solution

```
SELECT col1,
       col2
       FROM MY_DB.dbo.table1;

SELECT table1.name,
       table2.name
       FROM dbo.table1
       JOIN dbo.table2
         ON table2.id = table1.id;
```

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