















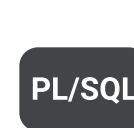


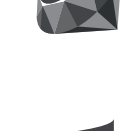




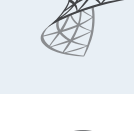









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T-SQL static code analysis

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 

Search by name... 

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
Unused labels should be removed		Code Smell
Using hardcoded IP addresses is security-sensitive		Security Hotspot
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		

Unused procedure and function parameters should be removed

Analyze your code

 Code Smell  Major   unused

Unused parameters are misleading. Whatever the values passed to such parameters, the behavior will be the same.

Noncompliant Code Example

```
CREATE PROCEDURE SalesByCustomer
    @CustomerName nvarchar(50) -- Noncompliant
AS
SELECT c.customer_name, sum(ctr.amount) AS TotalAmount
    FROM customers c, contracts ctr
WHERE c.customer_id = ctr.customer_id
GROUP BY c.customer_name
ORDER BY c.customer_name
```


Compliant Solution


```
CREATE PROCEDURE SalesByCustomer
    @CustomerName nvarchar(50)
AS
SELECT c.customer_name, sum(ctr.amount) AS TotalAmount
    FROM customers c, contracts ctr
WHERE c.customer_id = ctr.customer_id
    AND c.customer_name = @CustomerName
GROUP BY c.customer_name
ORDER BY c.customer_name
```


See

- [CERT, MSC12-C](#). - Detect and remove code that has no effect or is never executed

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