

Sql tools

Friday, May 30, 2025 2:34 PM

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SELECT
    o.name AS Object_Name,
    o.type_desc AS Object_Type,
    c.name AS Column_Name
FROM
    sys.columns c
JOIN
    sys.objects o ON c.object_id = o.object_id
WHERE
    c.name LIKE '%documentstatus%' --
    AND o.type IN ('U', 'V')
ORDER BY
    o.name, c.name;

=====
-- Step 1: Setup variables
DECLARE @SearchValue NVARCHAR(100) = 'CONFIRMED';
DECLARE @SQL_Tables NVARCHAR(MAX) = '';

-- Step 2: Cursor over tables
DECLARE @TableName SYSNAME, @SchemaName SYSNAME, @SearchColumns NVARCHAR(MAX);

-- Get distinct table+schema pairs with searchable text columns
DECLARE TableCursor CURSOR FOR
SELECT DISTINCT s.name AS SchemaName, t.name AS TableName
FROM sys.tables t
JOIN sys.schemas s ON t.schema_id = s.schema_id
JOIN sys.columns c ON c.object_id = t.object_id
JOIN sys.types ty ON c.user_type_id = ty.user_type_id
WHERE ty.name IN ('nvarchar', 'varchar', 'char', 'nchar', 'text');

OPEN TableCursor;
FETCH NEXT FROM TableCursor INTO @SchemaName, @TableName;

WHILE @@FETCH_STATUS = 0
BEGIN
    SET @SearchColumns = '';
    -- Build OR clause for each text-based column
    SELECT @SearchColumns = STRING_AGG(
        CAST('TRY_CAST([' + c.name + '] AS NVARCHAR(MAX)) = "' + @SearchValue + '"' AS NVARCHAR(MAX)),
        ' OR '
    )
    FROM sys.columns c
    JOIN sys.types ty ON c.user_type_id = ty.user_type_id
    WHERE c.object_id = OBJECT_ID(QUOTENAME(@SchemaName) + '.' + QUOTENAME(@TableName))
        AND ty.name IN ('nvarchar', 'varchar', 'char', 'nchar', 'text');
```

```

AND ty.name IN ('nvarchar', 'varchar', 'char', 'ncchar', 'text');

IF @SearchColumns IS NOT NULL
BEGIN
    SET @SQL_Tables = ISNULL(@SQL_Tables, '') +
IF EXISTS (
    SELECT 1 FROM '[' + @SchemaName + '].[[' + @TableName + ']'
    WHERE ' + @SearchColumns + '
)
PRINT "Found in TABLE: '[' + @SchemaName + '].[[' + @TableName +']]"
';
END

FETCH NEXT FROM TableCursor INTO @SchemaName, @TableName;
END

CLOSE TableCursor;
DEALLOCATE TableCursor;

-- Step 3: Execute the generated SQL
EXEC sp_executesql @SQL_Tables;

=====
DECLARE @Tables TABLE (TableName SYSNAME);
INSERT INTO @Tables (TableName)
VALUES
('AMG_MarkupTrans_Staging');

SELECT
    v.name AS ViewName,
    s.name AS SchemaName,
    t.TableName AS ReferencedTable,
    m.definition AS ViewDefinition
FROM @Tables t
JOIN sys.views v ON 1=1
JOIN sys.sql_modules m ON m.object_id = v.object_id
JOIN sys.schemas s ON v.schema_id = s.schema_id
WHERE m.definition LIKE '%' + t.TableName + '%'
ORDER BY t.TableName, v.name;

```