Gospel According to SQL Server

Scripts that saves live

Spis treści

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1) Maintainance

1.1) Size of all tables[1]

Query to list size of the tables in SQL Server database.

```sql
SELECT
    t.NAME AS TableName,
    s.Name AS SchemaName,
    p.rows,
    SUM(a.total_pages) * 8 AS TotalSpaceKB,
    CAST(ROUND(((SUM(a.total_pages) * 8) / 1024.00), 2) AS NUMERIC(36, 2)) AS
TotalSpaceMB,
    SUM(a.used_pages) * 8 AS UsedSpaceKB,
    CAST(ROUND(((SUM(a.used_pages) * 8) / 1024.00), 2) AS NUMERIC(36, 2)) AS
UsedSpaceMB,
    (SUM(a.total_pages) - SUM(a.used_pages)) * 8 AS UnusedSpaceKB,
    CAST(ROUND(((SUM(a.total_pages) - SUM(a.used_pages)) * 8) / 1024.00, 2) AS
NUMERIC(36, 2)) AS UnusedSpaceMB
FROM
    sys.tables t
INNER JOIN
    sys.indexes i ON t.OBJECT_ID = i.object_id
INNER JOIN
    sys.partitions p ON i.object_id = p.OBJECT_ID AND i.index_id = p.index_id
INNER JOIN
    sys.allocation_units a ON p.partition_id = a.container_id
LEFT OUTER JOIN
    sys.schemas s ON t.schema_id = s.schema_id
WHERE
    t.NAME NOT LIKE 'dt%'
    AND t.is_ms_shipped = 0
    AND i.OBJECT_ID > 255
GROUP BY
    t.Name, s.Name, p.Rows
ORDER BY
    TotalSpaceMB DESC, t.Name
```

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[1] https://stackoverflow.com/questions/7892334/get-size-of-all-tables-in-database

1.2) Find all objects containing text[2]

Query used for searching the objects (i.e. Triggers/Views) which contains the specific text in their definition.

```sql
SELECT DISTINCT
        a.[name]
FROM
        sysobjects a
        INNER JOIN syscomments b on a.id = b.id
WHERE
        b.[text] LIKE '%[search-term]%'
```

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[2] https://coderwall.com/p/hytfaq/find-all-objects-containing-specific-text-in-sql-server