Gospel According to SQL Server

Scripts that saves live

Spis treści

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# 1) Maintainance

## 1.1) Size of all tables[[1]](#footnote-1)

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

|  |
| --- |
| 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 |

## 1.2) Find all objects containing text[[2]](#footnote-2)

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

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

1. <https://stackoverflow.com/questions/7892334/get-size-of-all-tables-in-database> [↑](#footnote-ref-1)
2. <https://coderwall.com/p/hytfaq/find-all-objects-containing-specific-text-in-sql-server> [↑](#footnote-ref-2)