**IBM** Information Management **software**

# IBM DB2 Storage Management Utility for z/OS, V1.1

## Highlights

■ *Displays information by volume, database, or table and index spaces, making it easy to understand DASD constraints*

■ *Performs interactive scans and space map analysis, showing you an overall picture of a given space*

■ *Analyzes space-related factors that affect DB2 performance*

■ *Performs interactive page repairs online to help reduce database downtime*

### Meet the technical demands of optimized performance

In today's fast-moving environments, database administrators face numerous challenges in maintaining performance and managing space of DB2® resources, as well as in effectively utilizing their batch windows. IBM DB2 Storage Management Utility for z/OS®, Version 1.1 was designed to help meet these challenges.

A high-performance space management tool that enables you to verify the integrity of your DB2 table spaces and index spaces, DB2 Storage Management Utility provides DBAs with their own channel for viewing and analyzing DB2 data. It performs interactive repairs to spaces with errors, and recovers wasted Direct Access Storage Devices (DASD) space and consolidates extents. The tool also finds DB2 widows and orphans to help simplify the cleanup of nonexistent or forgotten DB2 objects and VSAM data sets.

### Efficient data management increases database performance

DB2 Storage Management Utility gives you a perspective of DB2 and the underlying VSAM data sets so you can reduce DB2 downtime and increase application availability. The tool also helps eliminate the inherent risk and processing costs of a CPU database compression approach and reduces the time and technical knowledge required for a manual approach.

DB2 Storage Management Utility reviews DB2 space map pages to produce detailed reports and graphs that show you an overall picture of the condition of a given space. This capability allows you to view historical information about the number of data sets, number of extents, and space allocated compared against space used so that you can easily perform trend analysis and capacity planning for DASD.

## Guard database integrity

DB2 Storage Management Utility helps improve DB2 integrity by identifying potential problems before they impact data availability. With DB2 Storage Management Utility, you can:

- *Scan table and index spaces to verify pointer integrity and analyze the organization of data on each page.*

- *Use the Repair facility to search for numerous possible errors, identify broken databases, fix problems, and get the database back online with minimal downtime.*

- *Work with an error list that displays the total number of errors, pages with errors and a count of how many different errors have occurred.*

- *Benefit from the recommendations and explanations that the tool provides as it guides you through repairs that you can make online immediately in the event of a page break.*

## Comprehensive reporting simplifies data management

DB2 Storage Management Utility collects statistics and provides comprehensive reports on table and index spaces. These reports depict how space is being utilized and how well it is being managed. This information can help you plan for future DB2 space requirements.

DB2 Storage Management Utility supports DB2 Version 7 and Version 8 for z/OS, and will continue to evolve supporting future releases to enable you to increase the return on your investment.

## For further information

Please contact your IBM representative or IBM Business Partner.

When ordering DB2 Storage Management Utility, please refer to the following program number: *5655-P09*.

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