

Space Manager with LiveReorg

Optimize I/O and space capacity utilization in Oracle databases

Managing database capacity to control costs

As an Oracle DBA, you need to maintain the greatest possible efficiency in resource storage and performance while controlling costs. To achieve this, you must be able to easily monitor database space capacity, anticipate growth and identify space reclamation opportunities. But without a clear picture of capacity, you cannot confirm a worthwhile return on storage investments. Specifically, there is no way for you to identify when critical out-of-space conditions will occur, or the rate at which capacity is being consumed. Meanwhile, conditions such as fragmentation, stagnant indexes, delayed response times and availability issues arise.

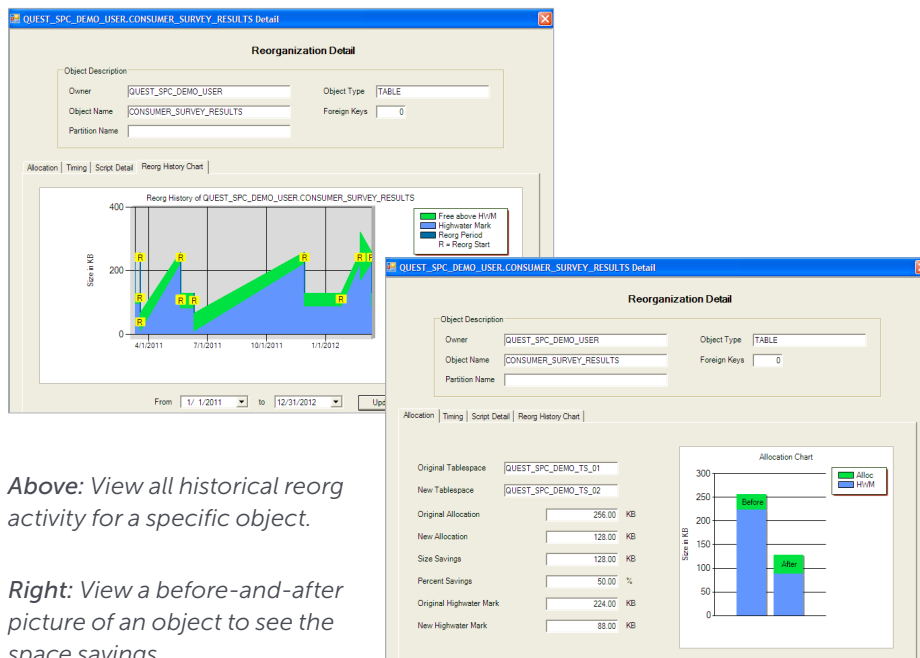
Ensuring optimal availability of disk space

Space Manager with LiveReorg is our powerful solution for space capacity monitoring, space reclamation and reorganization. It seamlessly isolates database disk space deficiencies and resolves performance issues associated with database capacity changes. And by analyzing disk use trends, forecasting disk space requirements and highlighting immediate storage needs, Space Manager with LiveReorg enables your organization to establish and meet budgetary requirements.

When space issues are detected, space reclamation and reorganization of one or more database objects may be the answer. Space Manager with

Benefits:

- Provides expansive and dynamic trend and capacity reporting
- Enables scalable reorganizations without application downtime
- Offers automated scripting of online redefinitions and reorganizations
- Alerts you to emerging issues, including imminent out-of-space conditions, failed reorganizations and space reclamation opportunities due to archiving activity
- Delivers fully automated and real-time object partitioning
- Works in environments running Cerner, Oracle E-Business Suite, PeopleSoft, SAP, Siebel, JDEdwards, and 24x7 e-commerce applications



Above: View all historical reorg activity for a specific object.

Right: View a before-and-after picture of an object to see the space savings.

System requirements

Space Manager with LiveReorg supports a wide range of client and server platforms. Please visit our website for detailed information about supported platforms.

Database Support:

Oracle 9i, 10g, 11g, 12c

For more information or to download a free trial, please visit:

dellsoftware.com/space-manager-with-livereorg

LiveReorg offers reorganization options for tablespaces, tables and indexes. Reorganizations may be targeted and scheduled to maximize application performance with minimal to zero impact on availability.

Features and benefits

Space reclamation and reorganization

- **Eliminates unnecessary disk space** — Reorganizes to reclaim wasted space and optimize performance of regularly archived tables.
- **Perform online reorgs** — Prevents application and database downtime.
- **Identifies tables and indexes** — Reorganizes to reclaim the most space possible. Tracks historical reorganization activity for proactive analysis and planning.
- **Supports multiple objects and datatypes** — Provides support for live and standard reorgs, including domain indexes, individual partitions, tables with both LONG columns and LOB datatypes, and user-defined datatypes.
- **Restart and clean-up capabilities** — Enables failed reorganization scripts to automatically resume script execution from point of failure. Cleans up residual objects to remove guesswork.

Capacity monitoring

- **Access simple charts** — Visualize current space use and future growth in databases that share storage resources.

- **Forecast space needs** — Provides forecasts based on trend charts of historical or hypothetical what-if growth rates.
- **Receive emerging issue alerts** — Improves space utilization by informing you when tablespaces are low on free space as well as when space reclamation opportunities arise.

Partitioning

- **Partition live to minimize downtime** — Partition objects while applications and users remain online with a built-in partitioning wizard.
- **Flexible partitioning options** — Partition, repartition and add/modify/remove partitions to determine the best fit for data access.
- **Space audits** — Ensure reorg success with multiple automatic space check audits. These validate that sufficient space is available, so your planned reorg jobs can run successfully.

About Dell Software

Dell Software helps customers unlock greater potential through the power of technology—delivering scalable, affordable and simple-to-use solutions that simplify IT and mitigate risk. This software, when combined with Dell hardware and services, drives unmatched efficiency and productivity to accelerate business results. www.dellsoftware.com.

