

CDB/RePart

Situation

You have recognized the advantages of working with partitioned tablespaces. In fact, your shop has found that without partitioned tablespaces managing large volumes of data is almost impossible.

What is CDB/RePart?

CDB/RePart is a dynamically controlled DB2 utility solution that performs several functions in order to effectively manage partitioned tablespaces. It allows you to convert tables to partitioned, rebalance partitions, change the number of partitions, and manage periodic data that is generated, used, then migrated at periodic intervals.

Solution

CDB/RePart makes working with partitioned tablespaces easy. CDB/RePart rebalances partitions by determining new limitkey values, unloading the table data, then reloading and updating the DB2 catalog and directory in a single job step. CDB/RePart also facilitates using periodic data by archiving or deleting data from the first partition then rolling the data from each partition into the previous one. The final partition is left empty and available for LOAD of new data.

Problem

Due to DB2's own rules and limitations, dealing with partitioned tablespaces is difficult. Managing partitioned tablespaces can be very expensive and prone to error.

Features:

Can repartition subsets of partitions

Non-Destructive

Can convert to large tablespaces

Standard control statements and JCL

Can convert from simple or segmented tablespace

Benefits:

Redefine number of partitions

Concurrent Image Copies

Concurrent Reorg

Guaranteed data integrity

RUNSTATS optionally updated

Reduces DBA monitoring and intervention



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