

CDB/AutoConvert

Situation

You need to change the characteristics of a column because an application has been updated.

What is CDB/AutoConvert?

CDB/AutoConvert is a utility program that allows users to change characteristics of DB2 columns quickly, without having to drop and recreate the table.

Solution

CDB/AutoConvert changes data using a reorganization process, which is extremely fast. **No drop and recreate.** Various column characteristics can be changed, such as; column type, column length, nullability, and column value. In addition to changing column formats, CDB/Alter will REORG the tablespace and indexes, create a COPY of the new tablespace, update RUNSTATS, and rebuild compression dictionaries automatically.

Problem

Downtime! Typically a DBA would have to UNLOAD the data, DROP and reCREATE the table, reLOAD the data, and redo all GRANTS. This is a lengthy process, sometimes taking several days or even weeks.

Features:

Non-Destructive

No SORT

Standard control statements and JCL

Parallel Processing

Benefits:

Extremely fast and simple

Concurrent copies

Reorganizes tablespace and indexes

Rebuilds compression dictionaries

No drop and recreate



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