



Ultrafast DB2 Tablespace Reorganization

DB2 InfoReorg® for z/OS

Together with InfoLoad and InfoUnload, **InfoReorg** is part of the INFO-UTIL line. InfoReorg and MasterReorg belong to the MASTER-UTIL line.

? The Problem

DB2 Tablespaces and Indexspaces rapidly become disorganized as you add, delete, and update data.

This causes fast degrading of application response times.

You need to reorganize your data, but:

- ◆ The utility batch window is becoming smaller and smaller
- ◆ The Tablespaces are becoming larger and larger
- ◆ The standard DB2 utility often requires several hours to perform such processing
- ◆ It may even become impossible to reorganize certain Tablespaces.

! The InfoReorg solution

- ◆ **InfoReorg** is an ultrafast utility for reorganizing huge Tablespaces to guarantee application performance
- ◆ **InfoReorg** is very easy to use. It reorganizes the critical Tablespaces to optimize usage of the utility batch window
- ◆ **InfoReorg** provides database administrators with a reorganizer that runs up to ten times faster than standard products
- ◆ **InfoReorg** is compatible with the IBM utility (syntax and JCL) and preserves your existing job streams.



The advantages of InfoReorg: Speed, reliability, and simplicity

- ◆ The fastest tool on the market
- ◆ All the reorganization tasks run in parallel
- ◆ Freespace is dynamically allocated around hot spots, thereby reducing future reorganization needs
- ◆ Application performance is improved by enabling more frequent reorganizations and allowing those which had become almost impossible
- ◆ Reduction in data reorganization costs by decreasing CPU time and I/Os
- ◆ Automatic allocation and optimization of the workspace required for reorganizations.

We are prepared to demonstrate to you the excellent return on investment you will achieve with InfoReorg.



**Our software products are distributed world-wide.
Our technical support is there to serve you 24/7.**

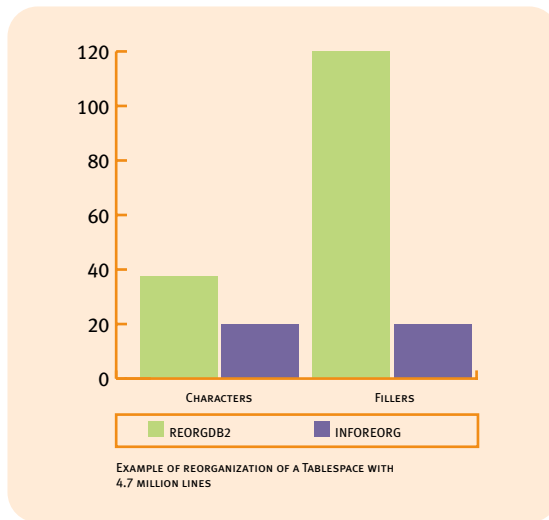
DB2
Administration

Operational
Integrity

Performance of
DB2 Applications

Data Compression

A Signification Reduction in Reorganization Costs



InfoReorg:

- ◆ Performs ultrafast reorganizations
- ◆ Runs all the necessary processes in parallel instead of sequentially (Index reorganization, Full Image Copy, Runstats)
- ◆ Considerably reduces the reorganization time using a proprietary sorting technique developed by Infotel (Partial Index Scan).

In addition, because **InfoReorg** runs outside DB2, it substantially reduces the CPU and Elapsed times required for reorganization.

Additional Features

- ◆ **InfoReorg** creates data compression dictionaries during reorganization
- ◆ **InfoReorg** adjusts the number of free pages around the update hot spots in the Tables and/or Indexes
- ◆ **InfoReorg** allows dynamic allocation of the primary and secondary quantities required by DB2 objects.

Very Easy to Use

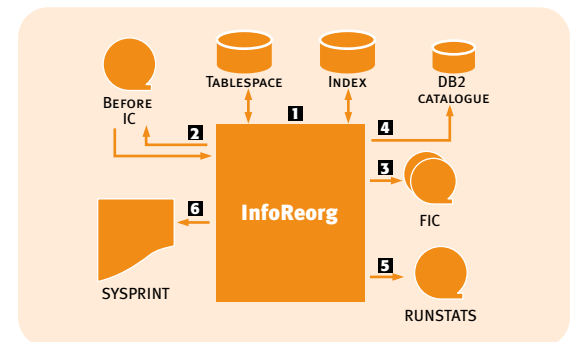
A user-friendly ISPF interface to:

- Select the DB2 objects to be reorganized
- Generate and store the suitable JCL.

InfoReorg manages the resources required for regeneration.

A Simple Process Flow

- 1 The data in the Tablespace and/or Indexes are read, sorted, then rewritten after reorganization.
- 2 A Before Image Copy can be made.
- 3 One or more post reorganisation Full Image Copies are created.
- 4 Reorganization is recorded in the DB2 catalogue.
- 5 A catalogue update file is created for the RUNSTATS.
- 6 An execution report is output.



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