



Automatic Volumetric Simulation

DB2 InfoSimulation® for z/OS

Together with DB2 InfoScope and DB2 InfoTrace, **DB2 InfoSimulation** is part of the INFO-OPTIMIZER line, an automated software suite ensuring the quality and performance of DB2 applications.

? The Problem

- ◆ How can you analyze the performance of your SQL queries, since they depend on the volumes of your objects?
- ◆ How can a development environment reflect a production environment without all the data?
- ◆ How can you evaluate the performance of your applications today, for the larger volumes to be handled tomorrow?
- ◆ How can you modify the DB2 catalogue?
 - With the Runstat utility, but only with real data
 - By manually updating the DB2 catalogue statistics.

This is a fastidious, time-consuming job.

! The InfoSimulation solution

- ◆ **DB2 InfoSimulation** allows automatic updates of these statistics by a simple, practical, interactive interface
- ◆ **DB2 InfoSimulation** allows automatic import of the data from one DB2 catalogue to another to simulate the volume of a situation that does not yet exist
- ◆ **DB2 InfoSimulation** makes all the necessary calculations based on a key parameter: the number of rows in the table.
- ◆ **DB2 InfoSimulation** allows you to keep all the simulations you make in order to reuse and/or modify them.



The advantages of DB2 InfoSimulation: An access strategy based on volume

- ◆ Simple, fast interface for creating a simulation
- ◆ Automatic calculation based on the number of rows in a table
- ◆ Application of the simulation to the DB2 chosen by the user
- ◆ Fast simulation for a development environment
- ◆ Monitoring of the growth in a production environment.

We are prepared to demonstrate to you the excellent return on investment you will achieve with InfoSimulation DB2.



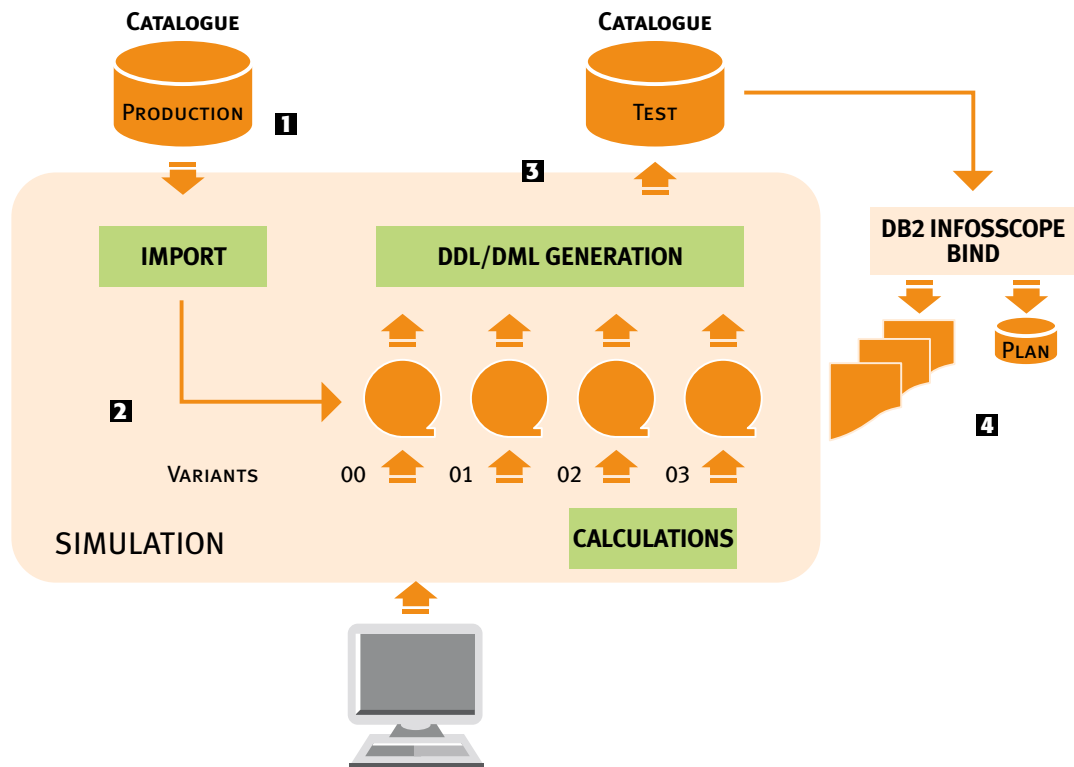
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Our technical support is there to serve you 24/7.**

DB2
Administration

Operational
Integrity

Performance of
DB2 Applications

Data Compression



Operating Principles

- 1 The objects to be simulated are selected from the production catalogue. The values recovered are saved in a database variant (0).
- 2 The database variant can be modified to create a series of variants corresponding to the simulations to be run.
- 3 The DDL and updates of the target catalogue are generated and submitted under control of the user.
- 4 After catalogue update, a check of the (new) DB2 access strategy must be made (e.g. with DB2 InfoScope).

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