



Automation of Application Recovery

DB2 and/or IMS InfoVic®

InfoVic is a member of the MASTER-UTIL family, an automated software suite ensuring reorganizations, backups, and restores.

? The Problem

- ◆ It is essential for a company to ensure the integrity and availability of the data of sensitive applications (CRM, ERP) at all times
- ◆ Unavailable or corrupted data can paralyze the activity of the company and cause a large loss of revenue
- ◆ The conventional recovery method consists of identifying all the databases impacted, checking their condition, writing the JCL, and finding a synchronization point for restoring the databases in a coherent state
- ◆ This requires a time-consuming, complex sequence of operations, while attempting to minimize data downtime and avoid any errors.

! The DB2 and/or IMS InfoVic solution

- ◆ **InfoVic** solves these problems by automatically restoring all the impacted DB2 and/or IMS databases. Using a unique technology, Virtual Image Copy (VIC), InfoVic automatically creates and uses synchronization points, thereby reducing errors during the restore
- ◆ **InfoVic** saves considerable time for Informations Managers and minimizes data downtime.



The advantages of InfoVic

- ◆ It displays all the events occurring on the database to identify the risks of loss of use exceeding the tolerated threshold
- ◆ It automatically identifies the impacted databases
- ◆ It automates the procedures to be followed in case of processing problems
- ◆ It simplifies use since no JCL modifications are required to handle changes in the applications
- ◆ Its unique technology, Virtual Image Copy (VIC), automatically ensures the integrity of all the databases during the restore
- ◆ It synchronizes the restore of both DB2 and IMS in the case of combined applications.

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

**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

Planning and Preparing Implementation of a Recovery Strategy after a Crash

- ◆ **InfoVic** displays all the events occurring on a database (updates, backups, restores) to identify the risks of loss of use exceeding the tolerated threshold
- ◆ **InfoVic** automates the procedures to be followed in case of processing problems, thereby avoiding human intervention, reducing batch overflows onto the TP, and the risk of error
- ◆ With **InfoVic**, no JCL modifications are required to handle changes in the applications (adding of a database or a Table). Whenever a utility is replaced, only one skeleton needs to be modified instead of rewriting and testing the many JCL streams that use the utility.

Multiple database restore: **InfoVic** synchronizes the restore for both DB2 and IMS databases in combined applications.

Automated Database Restores

InfoVic provides an application view of the restore:

- ◆ Using a powerful simplified syntax, it automatically searches for the databases directly or indirectly impacted by the processing errors
- ◆ It avoids fastidious writing of restore JCL for these databases by generating them dynamically
- ◆ It automates the entire procedure, in particular by stopping and restarting the databases, allocating the required number of tape decks, etc.

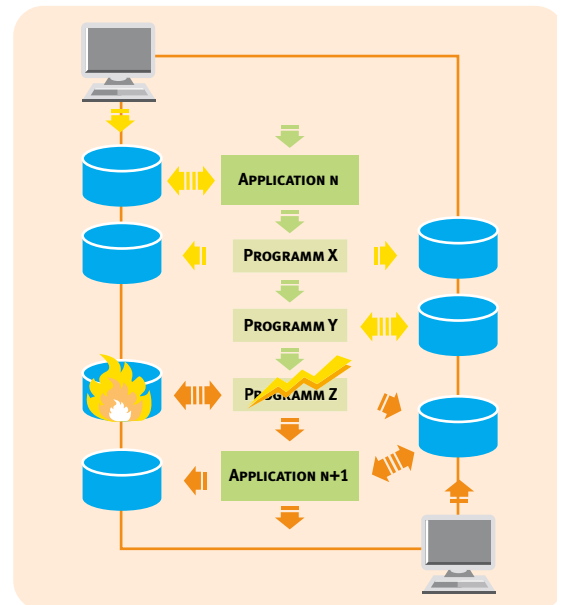
Database Optimization and Synchronization

To be efficient, the restore must ensure the integrity of all the databases, which requires carrying it out from a master synchronization point (which can be taken both on IMS databases and DB2 Tablespace).

That is why **InfoVic** introduces the concept of Virtual Image Copy (VIC point) corresponding to a "gap" in operation without update (logical log breakpoint). The VIC function ensures that this result is achieved. Such synchronization points can be created for:

- ◆ One or more Tablespace, databases or DBDS Groups selected by generic criteria
- ◆ One or more PLAN, PACKAGE, PACKAGE-LIST or PSB names.

The VIC function can also be extended to the complete Tablespace Set taking referential integrity into account.



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