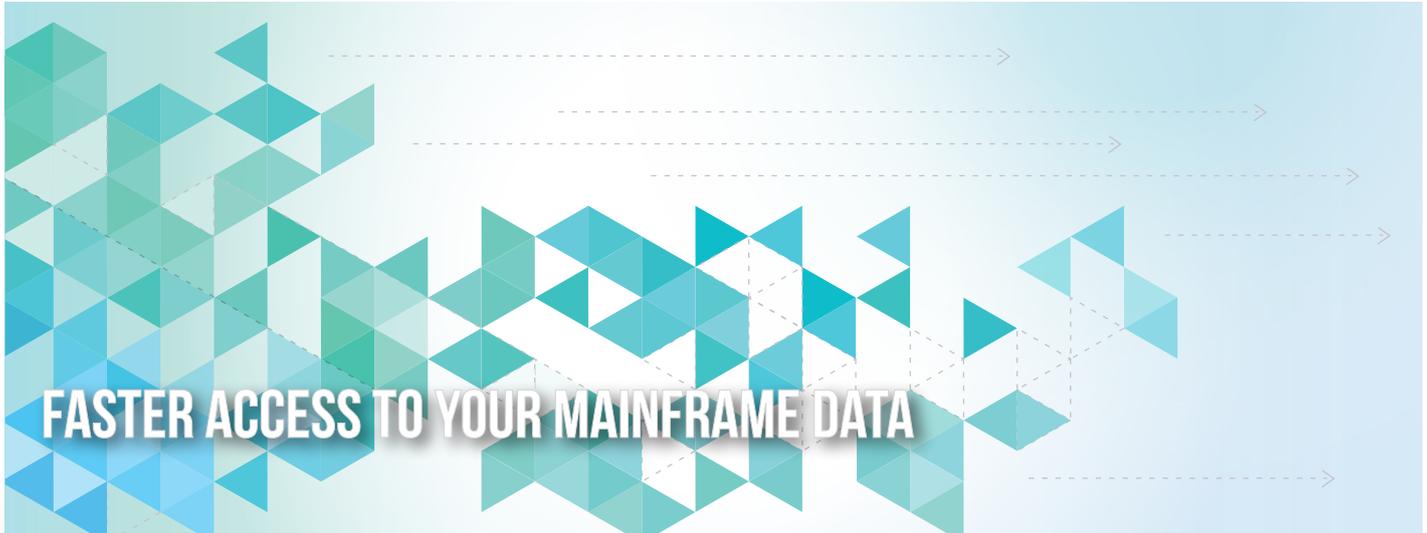




tableBASE

An in-memory table manager

More information:



BENEFITS

- Applications up to 100 times more efficient
- Reduced I/O amount
- Processing capacity tenfold increased for equal power
- Optimized MIPS use
- Simple integration into existing applications

FEATURES

- In-memory tables creation and management
- API interfaces usable by all type of batch or interactive program
- User interface for an easy access and manipulation of in-memory data
- Data sharing between different applications
- Compatibility with TSO / ISPF, CICS / TS, IMS / TM, Sysplex, DB2

Surpass your application's performances



Infotel advantages

tableBASE is a real-time in-memory table management solution to reduce drastically the use of your mainframe resources and increase the performance of your applications.

The shortest way to access to your data

Reference data represents only a tiny fraction of the total volume of the information managed by your systems. However they are accessed on average in more than 80% of transactions.

In a conventional system management data, the transaction performance is limited by the speed of the I/O necessary for the reading and writing process of data on the media.

By managing reference data directly in memory, the tableBASE eliminates the I/O process and increases up to 100 times the performance of these transactions.

The results are an increased tenfold capacity treatment, lower cost per transaction, and high usage optimization of your mainframe resources.

Access and manipulate data in memory

tableBASE provides a set of APIs to access and manipulate the data it manages in the memory.

These APIs can be used by all type batch or interactive application without restriction on the choice of the programming language: COBOL, C, C++, PL / 1, Assembler, Fortran ...

CICS / TS and IMS / TM interfaces are available for interactive applications as well as an ISPF interface that allows a business user to manipulate the data in the memory.

tableBASE stores the data it manages in a sustainable way in its internal libraries (DASD) or to temporarily hold it for the time required to program implementation.

tableBASE offers the possibility of sharing between different applications managed from a single data memory space.

Additional features to databases

tableBASE can manage numerous indexes on a table in order to benefit from an optimal search method, regardless of the applicative context.

tableBASE introduces the notion of data validity period for managing business rules requiring precise planning. Each line corresponds to a range of dates outside of which applications cannot access it.

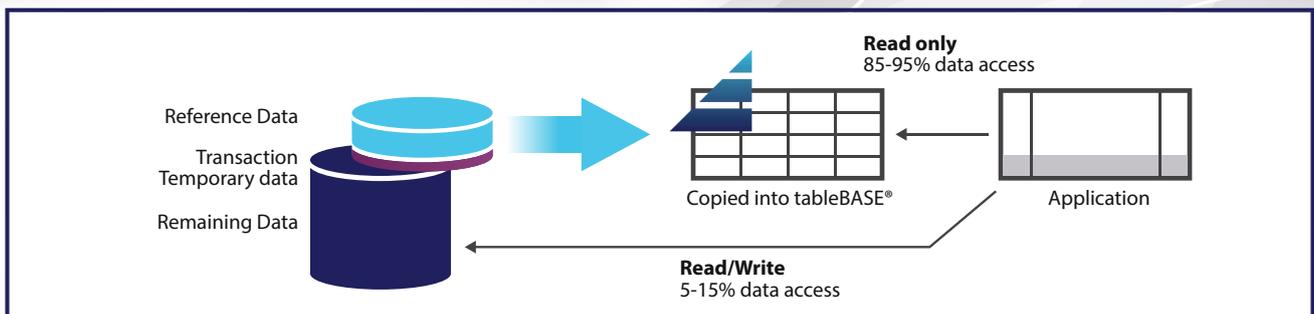
tableBASE is able to maintain up to 9 table versions. Thus, in case of failure on the current table, each of the previous versions can be accessed.

tableBASE natively supports parallelization to support the load increases.

Optimum memory management

tableBASE integrates advanced functions for an optimum maintenance of the data structures residents in memory.

- Automatic table load and unload facilities
- High performance Search Methods
- Dynamic runtime expansion of allocated Table Space
- Dynamic runtime reorganization of tables
- High performance Index structures



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