

Plug-and-Play Performance Gains for DB2 z/OS

QuickSelect® intercepts repetitive SQL statements accessing relatively static DB2 tables, caches the result sets, and as these same statements continue to execute, returns the same answer as would DB2, just much faster and without the DB2 overhead!

THE CHALLENGE

You have optimized your databases. You have reviewed, improved and tested your application code. You have implemented every performance suggestion for DB2. Where do you turn for additional performance gains?

THE SOLUTION

QuickSelect® is a novel Plug-and-Play solution that **caches** frequently accessed DB2 SQL result sets **outside DB2** for dramatic performance gains and resource savings. QuickSelect focuses on those SQL that repetitively access DB2 tables containing lookup, code, reference or any other relatively static data. With **zero** changes to DB2 or application code, these same SQL now retrieve results from memory outside DB2 with performance gains of x3 to x4 when compared to retrieving the same from DB2 buffer pools. QuickSelect features include:

- Plug-and-Play implementation. No code changes. No JCL changes. Simplified SMPE installation.
- Support for Batch, CICS and IMS/TM for static SQL.
- SURVEY Mode for automated identification of repetitive SQL patterns. Assists in identifying candidate tables for data caching.
- Full data integrity. SQL and DB2 utility changes to table data in DB2 automatically reset QuickSelect cache at the table level before the next read.
- Support for DB2 data sharing environment.
- Compatible with z/OS 1.6 and up and all current DB2 versions in all modes.

THE BENEFITS

- Immediate performance gains! No development. No database tuning. No code changes. Plug-and-Play.
- Substantially outperforms buffer pool treatment of the same tables (3-4x faster)
- Reduce DB2 resource consumption. Retrieve data from cache in memory above the line.
- Reduce Batch Job Elapsed Times.
- Improve Online Response Times.
- Solution pays for itself by reducing the peak four hour rolling average utilization.



Key Features & Benefits

- Plug-and-Play
- Dramatic Performance Gains
- Immediate Returns
- Unique Solution