



SQL response time, throughput and resource utilization are the never ending challenges faced by the DB2 database administrator.

Particularly when faced with ever increasing volumes of dynamic SQL originating from the distributed environment, such as Java, .Net, ad hoc query reporting tools and packaged applications such as SAP® and PeopleSoft®, ensuring SQL performance meets the needs of the business, whilst at the same time avoiding excessive resource consumption and expensive CPU upgrades is a constant battle.

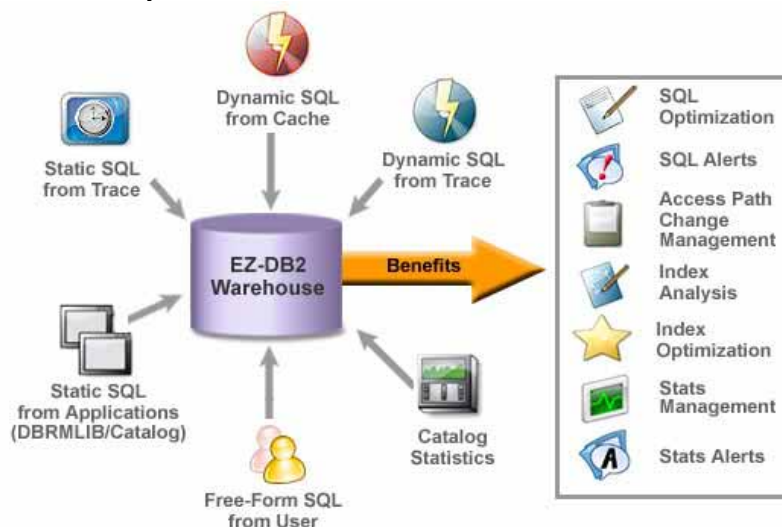
Once an acceptable performance level is established, then avoiding performance degradation when making changes such as introducing new applications, performing routine DBA maintenance or installing new DB2 releases is another challenge to be addressed.

EZ-DB2® is a family of products from Cogito Ltd., which greatly assists the DB2 DBA in addressing these challenges and can help achieve a more efficient and more stable DB2 environment.

Features and Benefits

The **EZ-DB2 family** consists of a number of components.

- **EZ-Tracer** makes it easy for the DBA to identify and tune the “top n” SQL in the environment, and includes a unique consolidation feature that recognises essentially the same SQL (where only literal values are different).
- **EZ-Impact Analyzer** allows the DBA to make changes without fear of unexpected performance degradation by showing in advance the effect of changes such as Reorg, Runstats, Application Migration, or new DB2 release. See in advance the effect on access paths and costs for both static and dynamic SQL.



- **EZ-Alerts** – identifies SQL with potentially bad access paths, such as List Prefetch, Table Scan and user definable rules. Prevent undesirable SQL being migrated to production.
- **EZ-Index Analyzer** – identifies how well the SQL workload is served by the existing index design. Reports where new or modified indexes would better serve the SQL, or where better choice of predicates would make more efficient use of the existing indexes.
- **EZ-Index Optimizer** – starting from a “clean slate”, derives the optimum index design for the SQL workload. Using unique patented methodology shows the recommended index design and for each SQL shows the new access path and cost saving with the recommended indexes compared to the current index design.
- **EZ-Stats** – easily copy statistics between DB2 subsystems. View, Edit, Archive and Restore statistics.

System Requirements

- z/OS Compatible environments
- All supported releases of DB2

Cogito Ltd.
Firgrove
East Hoathly
LEWES BN8 6RA
UK

Phone: +44 (0)1825 880008
Fax: +44(0)1825 880018

For additional information:
info@cogito.co.uk

www.ezdb2.com
www.cogito.co.uk