

Eccox /Advisor for DB2

Application performance analysis
is no longer a gamble



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t e c h n o l o g y

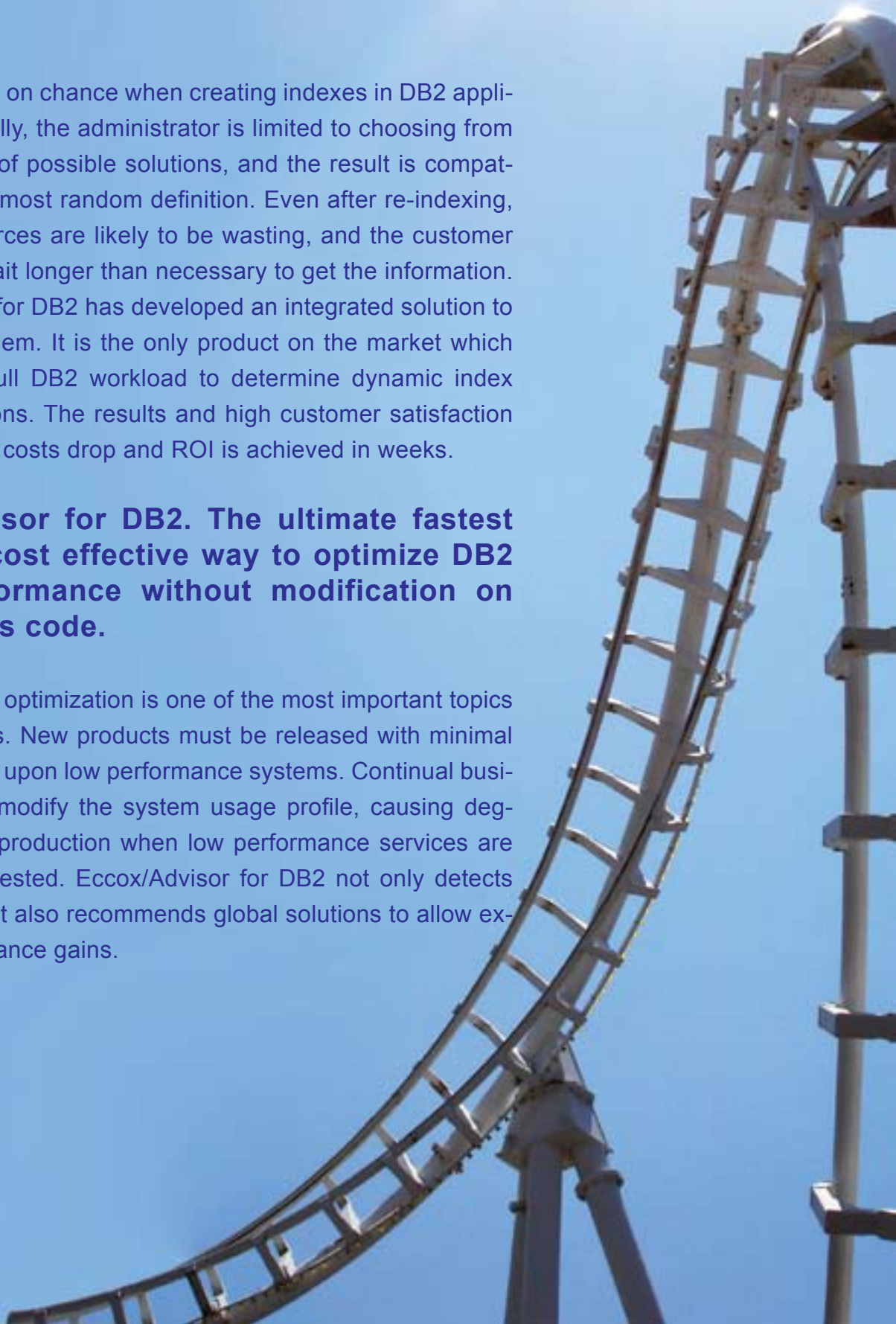


Business Area Agility on IT Production Environment

You cannot rely on chance when creating indexes in DB2 applications. Manually, the administrator is limited to choosing from the thousands of possible solutions, and the result is compatible with that almost random definition. Even after re-indexing, machine resources are likely to be wasting, and the customer may have to wait longer than necessary to get the information. Eccox/Advisor for DB2 has developed an integrated solution to solve this problem. It is the only product on the market which analyzes the full DB2 workload to determine dynamic index recommendations. The results and high customer satisfaction are immediate; costs drop and ROI is achieved in weeks.

Eccox/Advisor for DB2. The ultimate fastest and most cost effective way to optimize DB2 z/OS* performance without modification on applications code.

Time-to-market optimization is one of the most important topics in any business. New products must be released with minimal delays incurred upon low performance systems. Continual business changes modify the system usage profile, causing degradation on IT production when low performance services are frequently requested. Eccox/Advisor for DB2 not only detects this problem but also recommends global solutions to allow excellent performance gains.





Workload Analyzer / Index Analyzer

Basic Features

- Very low overhead tracking collector
- Analysis of any SQL source: Packages, DBRMs and dynamic SQL
- Stores performance indicators into DB2 tables, resulting in easier consulting through queries
- Statistics generator
- Allows Index Design and Evaluation
- Follows SQL basic coding and performance rules

Workload and Index Analyzer

- Allows the analysis of the whole DB2 workload
- Ease of identical and similar SQL commands identification
- Allows integrated analysis of SQL programs and commands in production, using historical view, independent from the changes history
- Provides information on the major DB2 performance and resource usage indicators
- Scanned lines on stages I and II
- Several reports, for example - the most frequently utilized SQL command in any application, or the most accessed DB2 table
- Columns and predicates in SQL commands analysis
DB2 access plans historical comparison

Results

- Creates and maintains an optimized and stable environment
- IT costs reduction
- DBA time optimization, through automated analysis, including tasks previously impossible to run manually
- Allows analysis of any kind of application, including Client-Server and Web
- Allows external packages analysis, such as ERPs and CRMs
Displays CPU waste
- Avoids unpleasant performance surprises on production environment

Benefits for the business

- Increases online availability
- Faster customer service
- Profitability increase
- Environment optimized for end user

Eccox/Advisor for DB2.

Two paths for a complete solution

Eccox/Advisor Workload Analyzer

Tool to monitor DB2 applications. Data collections are stored in DB2 tables, through statistical procedure, using sampling. Thus, it allows coverage and decreases overhead from collected DB2 performance indicators.

Eccox/Advisor Index Analyzer

Tool to manage and automate the hard task of analyzing and recommending indexes in DB2 tables. Index creation or modification decreases resource consumption at levels reaching 99%, without impacting business because it does not require changes on the application code.



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