

Home Run

Centerfield's HomeRun suite of database tools let IT easily improve SQL performance, optimize DDS logical files and SQL indices, audit data access, control resources used by queries, and secure data. We can help you with tools designed to fix problems that surface when you're hitting performance out of the ballpark.

insure/INDEX identifies needed indexes without the deep expertise required using traditional methods. Equally important, existing indexes and logical files can be optimized to make RPG applications and SQL queries much faster. In addition, unused indexes and logical files are highlighted so they can be phased out of production database and completely eliminate unnecessary overhead.

insure/INDEX is the first component of HomeRun to take advantage of Centerfield's Autonomic Database Assistant (AutoDBA). As a result, insure/INDEX provides sophisticated analysis of your database, just like an on-staff database administrator - analysis designed to give mission critical applications the exceptional performance and availability necessary to deliver maximum business value.

insure/ANALYSIS gives database administrators and performance analysts a powerful and intuitive tool to gain knowledge and understanding of database and SQL activity for their mission-critical applications. Tuning time is minimized by drilling into the data and quickly finding the key performance problems so timely action can be taken.

insure/MONITOR allows an operator to identify potential problems earlier and take action to protect critical applications - a very difficult task for modern multi-tier, network-based applications. If you're running OneWorld® on a System i with Citrix, you can then choose insure/MONITOR for OneWorld® and view OneWorld® jobs and their associated details. Important Job Metrics can be viewed graphically as well, to help monitor and pinpoint specific issues.

insure/RESOURCES lets IT control the use of query tools (Query/400, Open Query File, ODBC apps, Start and Run SQL commands) by allowing them to first track query usage and then define straightforward policies that are automatically enforced to govern the use of system resources.

insure/SECURITY enables security officers to protect critical application data from accidental or malicious damage without the risks of blindly applying traditional IBM System i security.

"Dude!! You are, like, the Absolute Coolest Lifesaver Ever encountered by mortal man! Ever!!

*Really!!
No kidding!!"*

*Cliff D.,
iSeries DBA*

"One of the most common oversights of a data warehouse implementation is ensuring you have the appropriate tooling and best practices in place to MONITOR and ANALYZE the query environment. It is sometimes amazing to me that so much time is spent on analyzing ETL, OLAP, Query/ Enterprise Reporting and other tools to help BUILD the data warehouse, and so little time is spent looking at how you'll maintain service level agreements and address poor performing jobs" says Doug Mack, System i DB2 Product Marketing Manager, IBM Systems and Technology Group.

Mack goes on to say, "while we have done a great deal of work to provide, within i5/OS, much of the capability of CAPTURING performance data, the ability to ANALYZE that data and manage the query environment is significantly enhanced with products from our Business Partner, Centerfield Technology. With Centerfield's tools, DBA (Database Administrator) tasks are kept at a minimum, something the iSeries has always been known for."

"What sold the homerun tool for me was the support and sense of partnership I got from Centerfield to help me solve our performance problems."

Andy R., DBA

All the tools you'll ever need to tune SQL on i.

**For more information:
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Centerfield's Autonomic Database Administrator (AutoDBA) represents the next generation of DB2 optimization technology for the System i. As a built-in component of HomeRun, AutoDBA analyzes your database objects and makes recommendations to streamline access to that information – all without the need for application changes or deep database expertise.

AutoDBA was created with one goal in mind; to provide advanced DB2 advice to administrators. Rather than force administrators to become database experts: gather the right information, analyze that data, make recommendations and implement changes... AutoDBA does it for them.

AutoDBA targets logical file and SQL index optimization including:

- Finding unused logical files or SQL indexes and recommending a safe method for fazing them out over time to eliminate any risk to applications.
- Identifying indexes that can be used to “cluster” data in order to reduce disk I/O bottlenecks and speed up queries and batch RPG programs using logical files.
- Locating suboptimal logical files and recommending ways to make them more efficient to eliminate file update bottlenecks, reduce disk I/O when processing logical files, and cutting down on the number of access paths.
- Recommending indexes to create in order to speed up slow SQL-based applications or reports.



The first autonomic tool for DB2 for i5/OS To save administrator time and proactively manage DB2, AutoDBA has the capability to automatically implement critical recommendations. Automated actions are fully configurable, fully audited and can be undone with a couple of mouse clicks.

Here is a summary of the main features in AutoDBA:

- Automatic generation of DB2 advice to optimize disk space, reduce memory use, and cut down on unnecessary disk I/O – all to improve application and query performance.
- Automatic or manual implementation of recommendations.
- Extensively configurable for the administrator to control what is analyzed, when it is analyzed, how it is analyzed and if advice should be automatically implemented.
- Sophisticated and automated analysis of database structures.
- All analysis and actions are fully audited.
- All actions can be undone.
- Feedback provided on actions taken to optimize the database.

Centerfield in the News

- <http://www.itjungle.com/fhs/fhs082807-story02.html>
- <http://www.itjungle.com/fhs/fhs032707-story02.html>

CTI & IBM:

- <http://www.centerfieldtechnology.com/pdf/Centerfield%20and%20IBM.pdf>