



Adabas Administration and Monitoring

MONITOR YOUR ADABAS DATABASE FOR PEAK PERFORMANCE

It's a fact – the more your DBA knows about system performance for mission-critical applications, the better. That's why Software AG offers automated utilities to help you get information on system response time, statistics regarding trends for usage and the status of certain files or databases.

Software AG's automated administration tools are three utilities that deliver important performance information to your DBA, further increasing the value of Adabas ownership:

- Adabas Online System
- Adabas Statistical Facility
- Adabas Review

Your decision to use Adabas from Software AG has been made – it meets your organization's complex, enterprise information requirements, keeps pace with your company's growth and meets your throughput demands.

Adabas maximizes system resources, requiring a minimum of human resources. Having this low cost of ownership is essential. By implementing Software AG monitoring and administration tools, you can further reduce the total cost of ownership.

ADABAS ONLINE SYSTEM

Adabas Online System provides a central point of administration that enables your DBA to better analyze performance and monitor database operations, by performing a variety of user-related or resource-related tasks. This DBA-friendly, menu-driven analysis and control tool is a big time saver. A DBA can display Adabas user statistics, monitor and control access and operation for one or all users, display and modify Adabas fields and files, and restrict or even lock file use. Your DBA can interactively monitor and change aspects of an Adabas database during an active Adabas session.

• User-related task

If your organization is shuffling personnel to new positions, user access can be quickly and easily granted or limited, or user priority can be adjusted to match new roles.

• Resource-related monitoring

There are simple commands in Adabas Online System for monitoring and file usage to determine system resource utilization. This information can be used to tune your database for optimal performance.

• Overall control of Adabas session

Adabas Online System basic services provide ways to gain control over an Adabas session, whether you need to change file parameters, define new files and rename, renumber, refresh, uncouple or delete files. All Adabas add-on utilities can be plugged into Adabas Online System, providing a menu-driven, central point of administration for all database activity. For an easy-to-use, online method of tracking users and system resources, Adabas Online System is the obvious choice.

ADABAS STATISTICS FACILITY

Long-term planning can be a daunting task, but it is much more manageable when it is automated. When your DBA is asked to ensure future disk space requirements will be met, Adabas Statistics Facility can simplify this process. Adabas Statistics Facility consists of a Store program, which collects database status information during an active nucleus session, and a set of programs to evaluate the statistics gathered by the Store program and to output summary reports. The performance data is delivered in various reports, which summarize current and projected database statistics.

Several types of reports are available:

- **General evaluation reports** provide an analysis of the past and present database status – useful for examining historical and present usage of the database.
- **Trend evaluation reports** include tables of projected statistics, in increments of days, weeks or months, until a specified date – valuable for long-term planning.
- **The critical report** lists database and files for which Adabas Statistics Facility data fields have reached or exceeded “critical limits,” as defined by the DBA, enabling more proactive day-to-day monitoring of the database.
- **The critical trend report** provides information on databases and files for which Adabas Statistics Facility data fields will reach or exceed their critical limits within a time frame, based on an extrapolation of current trends – another valuable tool for planning, especially in anticipating trouble areas in the database.

Adabas Statistics Facility automates the process of monitoring the system’s performance – and it provides information for making a real impact on improving system performance, often before problems arise.

ADABAS REVIEW

Adabas Review monitors the performance of Adabas environments and the applications executing within them. If you suspect your database could be achieving better performance,

but are not able to pinpoint where the problem may be, Adabas Review is a simple, automated way to find where improvements can be made. The information gathered about Adabas usage can be used to tune application programs for maximum performance with minimal resources.

The information can include:

- Files used heavily
- Location of non-descriptor searches
- Records updated
- Response time

Adabas Review is different from Adabas Statistics Facility and Adabas Online System in that it focuses on the applications running on Adabas, rather than on the database itself.

The three products work well together to help provide a complete picture of performance.

Adabas Review collects detailed data, evaluates it, and provides a wide array of reports, including:

- **Default reports** – more than 40 ready-made or customizable reports, which give a general overview of performance, workload and more or less critical values of a database
- **Individual reports** – customizable using simple processing rules, providing ultimate flexibility in determining what information you would like to see
- **Display programs** – for viewing current or historical data
- **Batch mode** – allows reports to be run overnight or at off-peak times – particularly useful for running larger reports

These reports help you locate weak points in the administration of your Adabas database, as well as optimize your database design and performance.

GET THERE FASTER WITH ADABAS

Whether Adabas is new to you or you’re an experienced Adabas organization, there are compelling reasons and times to look at database efficiency. Each of these tools helps automate sometimes daunting tasks, with the goal of providing enhanced performance.

SOFTWARE AG COMMUNITIES

Software AG’s Developer Communities include an Adabas Community to keep you connected to Adabas users and experts around the world. By registering for the Adabas Community, you can participate in discussion forums that enable you to exchange best practices, enhance productivity and improve your technical skills. Registered members can also subscribe to the TECHniques newsletter, which offers technical tips and tricks. Membership to the Developer Community is FREE. For more information, please visit: <http://developer.softwareag.com>

WORLDWIDE USER GROUPS

Our strong network of worldwide user groups also helps build Adabas and Natural skills. Through a local user group, you can exchange ideas and discuss technology issues, experiences and concerns. Many groups offer classes that provide product hints and tips. Through ServLine24, regional meetings and annual International Conferences, user group members have access to a broad product knowledge base. To learn more, please visit: www.softwareag.com/corporate/community/usergroup

To find the Software AG office nearest you, please visit: www.softwareag.com

ABOUT SOFTWARE AG

Software AG is the world’s largest independent provider of Business Infrastructure Software. Our 4,000 global enterprise customers achieve business results faster by modernizing, integrating and automating their IT systems and processes. As a result, they rapidly build measurable business value and meet changing business demands. Based on our solutions, organizations are able to liberate and govern their data, systems, applications, processes and services – achieving new levels of business flexibility.

Our leading product portfolio includes solutions for high performance data management, developing and modernizing applications, enabling service oriented architecture, and improving business processes. By combining our technology with industry expertise and best practices experience, our customers improve and differentiate their businesses – faster.

Software AG – Get There Faster.™

© 2008 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.