



Adabas Fastpath

IMPROVE ADABAS PERFORMANCE

DELIVER INFORMATION FASTER AND LOWER CPU COSTS

Newell Rubbermaid saved \$110,000 per month and avoided an expensive machine upgrade by optimizing their Adabas performance to reduce CPU usage with Adabas Fastpath.

Adabas Fastpath automatically and intelligently stores frequently accessed records in a memory space to reduce CPU usage and optimize performance.

Your users expect the information they need—now! Whether they're doing online research or using a query and reporting tool for business analysis, they can't wait due to an overburdened database. Now you can meet their expectations—without changing code or applications—and save significantly on CPU usage in the process.

Adabas Fastpath makes your database more efficient and users more productive.

Using Adabas Fastpath, you can:

- Reduce CPU usage in Adabas
- Allow business to delay or avoid a CPU upgrade
- Enhance application performance
- Avoid applications changes

How it works

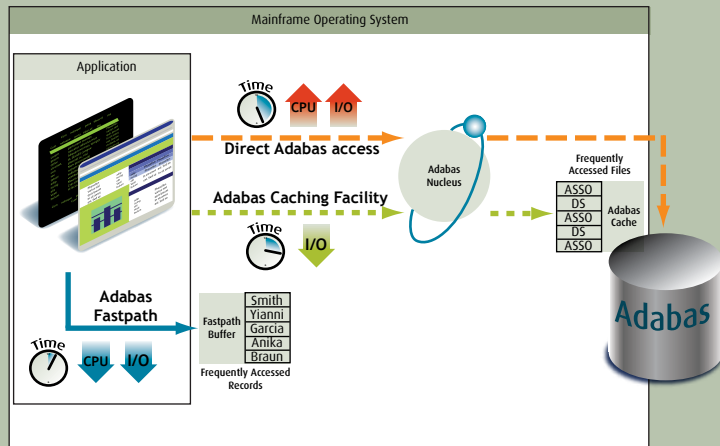
Adabas Fastpath works on the principle that some data is simply more popular than

other data—in fact, during any given user session, as many as 80% of DBMS queries are directed at only 20% of the data. By effectively harnessing the popular data of the moment, Adabas Fastpath maximizes your system's efficiency.

Starting with a DBMS query sampler, Adabas Fastpath identifies the most commonly issued “direct-access” queries by all users and computes their relative popularity. It then decides which types of queries can be optimized. Each time a query arrives, Adabas Fastpath checks the Fastpath buffer, which sits very close to the application and contains the results of “popular” queries. This allows you to save system resources, since the data requested is often found in the buffer.

Many times, a user will repeat a query, seeking the next result in a sequence. If the query sampler discovers such a “sequential query,” it automatically delivers not only the requested result, but also the next five data records in the set.

OPTIMIZE PERFORMANCE WITH ADABAS FASTPATH



Adabas Fastpath also identifies and retains the most popular data and discards or overwrites data that's least popular. Guided by your instructions on how much memory to use, Adabas Fastpath makes the best use of memory by retaining the results of popular queries, so that the client can benefit from these results when the process is repeated. In effect, Adabas Fastpath builds a knowledge base that reflects the experience gained from past queries.

Key features

- DBMS query sampler

Identifies the most commonly issued "direct-access" queries.

- Fastpath buffer

Contains the results of popular queries to save on system resources and speed up data delivery.

- Universal knowledge base

Reflects experience gained from past queries. This is maintained in memory and available to all clients within a given operating system. So, one client may benefit from knowledge collected from another client's query.

Your benefits

- Fast results

Make sure Adabas delivers information as quickly as possible by using Adabas Fastpath. Designed for high performance, Adabas Fastpath puts the buffer close to the application to eliminate unnecessary communication between the application and the database.

- Lower costs

Most enterprises can save up to 70% on CPU usage. Estimate your savings right away by using the Adabas utility called AFPLOOK—available with your Adabas installation.

- Better performance

Keep up with the pace of business. Adabas Fastpath optimizes performance by increasing throughput and system availability and reducing application consumption.

Take the fast path to better performance

Boosting system performance is easy with Adabas Fastpath—and your business will benefit from faster data delivery.

Software AG Communities

The Software AG Developer Network includes 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 network 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

Software AG has offices in over 70 countries. To find the office nearest you, please visit:

www.softwareag.com

© 2007 Copyright 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.