Datasheet
Fujitsu Software BS2000
SCA V21.0

Speed Catalog Access

To increase the overall throughput of an installation and to make data centers more flexible, the product SCA offers an efficient access method within the catalog management system, which leads to a considerable reduction in internal catalog access operations.

Thanks to the introduction of SCA a direct and rapid internal access is made possible. The benefit which can be derived from this method depends on the catalog organization (number of entries under one user ID) and the proportion of catalog-intensive processing in the system.

Topics

Functional Description

Whenever it is required, SCA can be included in the existing catalog system to replace the previous sequential access method by the direct access. Direct access to a structurally unchanged catalog is made possible by an index stored in memory that is set up at SCA-START time and dynamically updated.

Wherever intensive catalog processing is necessary, SCA offers a number of advantages in system behavior and data center organization:

- Increase of overall throughput by reducing the number of I/O access operations to the system catalog. Shorter waiting times, and reduction of the system workload as a result of catalog management.
- Reduction of public disk utilization corresponding to decrease in number of I/O operations.
- Improved response times for catalog-intensive commands, and better throughput times for catalog intensive programs.

- Greater leeway in assigning files to particular user IDs.
- Catalog reorganization becomes superfluous. Frequently accessed files need no longer be located at the beginning of a user ID.
- Facilitation of catalog organization when comprehensive applications are introduced on large installations.
- Full compatibility of the user interface and internal system interface with the catalog management system.
- Support of job variables with the software product Fujitsu Software BS2000 JV.
- The entry in the Master-Catalog-Entry enables the user to define the pubset for which SCA is to be started during importation via IMCAT. This helps speed up the startup process considerably, in particular regarding the JV and JMS handling.

To improve performance, additional facilities are offered for executing jobs without changing tasks. To this end, the SCA directories are filed in the class 4 memory.

Technical details

Requirements	
Technical requirements Hardware	Fujitsu Server BS2000 SE Serie
Technical requirements Software	BS2000 OS DX V1.0
Requirements for the user	Knowledge of BS2000

Installation and operation	
Operating mode	Dialog and batch mode
Implementation language	Assembler
User interface	Commands in English, message texts in German/English (optional)
Installation	According to User Guide

Documentation and training	
Documentation	The manual and Release Notice for SCA are available on the manual server.
Training	See course offer (German)

Reference and delivery	
Conditions	SCA is made available to the customer as part of the BS2000 OS DX V1.0 operating system package under the conditions for the use of software products against current payment.
Ordering and delivery information	SCA is part of the BS2000 OS DX V1.0 operating system package. The operating system package can be obtained from your local Fujitsu regional office.

Contact

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