

Datasheet

FUJITSU Software BS2000 SCA V20.0

Speed Catalog Access

Short Description

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 subset 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	BS2000 Business Server
Technical Requirements Software	OSD/BC V11.0 (for S-servers) respectively OSD/XC V11.0 (for SE servers)

Installation and operation

Operating Mode	Interactive and batch mode
Implementation Language	Assembler
User Interface	Command interface for operators and system operators
Installation	According to User Guide

Documentation and training

Documentation	User Guide Introductory Guide to Systems Support
User Requirements	Knowledge in systems administration
Training	See course offer (German)

Purchasing

Conditions	This software product can be leased by the customer in accordance with the conditions for the use of software products.
Ordering and Delivery	This software product may be obtained from your local Fujitsu Technology Solutions GmbH regional office.

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