

DATA SHEET

FUJITSU Software BS2000 PCS V 3.1 Performance Control Subsystem

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FUJITSU Software BS2000 PCS distributes the work performed by the resources of a computer system amongst the various categories and tasks in accordance with user requirements (e.g. response time / throughput optimization).

This makes for:

- efficient use of the configuration, even when the load is complex and varying,
- automatic recognition of situations in which the operating behavior deviates from predefined criteria,
- automatic initiation of measures to keep the operating behavior at its optimum.

Functional Description

■ Categorizing of loads:

Placing the loads in categories (up to 16), according to their characteristics.

■ Allocation of resources:

- Allocation of the service to the categories in accordance with the system administrator's specifications,
- Graduated handling of the categories in concurrent situations,
- Preferential treatment of a task within a category on the basis of priority information.

■ Influencing the response time behavior by specifying dilation factors.

■ Transparency for the system administrator:

Possible by means of SHOW command information on current service allocation and parameter sets used.

Program Description

PCS controls the load by means of parameter sets. PCS offers the system administrator an interface via which these parameter sets can be defined. This interface consists of

- the utility program PCSDEFINE for the production, manipulation and listing of these PCS parameter sets and

- some system commands for the operation of the active PCS.

The end user can differentiate his resource request by specifying a job class and a priority (if this is allowed by the system administrator).

Operation of PCS comprises the following steps:

- The system administrator uses a standard parameter set or defines one of his own.
- The operator starts PCS and assigns this parameter set.
- The system administrator and operator can have data on the status of PCS displayed on the console at any time.
- The system administrator and operator can modify PCS parameters during operation or deactivate PCS entirely.
- In a current system with PCS can be intervened in conflict situations with the command /MOVE-TASK-TO-CATEGORY without PCS restart.
- When PCS is deactivated, PRIOR is automatically switched to.

TECHNICAL DETAILS

PCS V3.1

Technical data

Hardware

BS2000 Business Server

Software

FUJITSU Software BS2000 OSD/BC V10.0 or FUJITSU Software BS2000 OSD/XC V10.0

Operating mode

Interactive and batch mode

Implementation language

Assembler, SPL

User interface

Menu-driven in the PCSDEFINE utility routine or
Commands English
Message texts English/German (optional)

Installation

By the user as per the release notice

Documentation

PCS User Guide

Training

See course offer at:

<http://ts.fujitsu.com/training>

Demands on the user

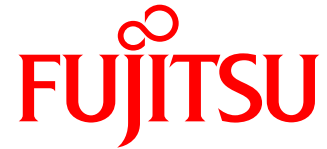
Knowledge of system administration and system control

Conditions

This software product can be purchased by the customer against a single payment or leased 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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