

DATA SHEET

SDF-A (BS2000/OSD)

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Version 4.1

Administration Program for Command Syntax Files

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SDF-A (System Dialog Facility – Administration) is an administration program which, as a supplement to the BS2000 system component SDF, permits individual processing of command syntax files. This enables the user interfaces of both the standard SDF command language and the products operating with SDF syntax to be designed to suit the individual requirements of either the computer center or user. SDF-A also permits SDF methods and functions to be used for customers' own programs, for which corresponding syntax files can also be created.

Functional Description

In the SDF strategy, the syntax descriptions which the dialog manager uses to convert possible inputs into an internal program call are placed in separate files. These syntax files can be arranged in a hierarchical structure with up to three levels. As the performance scope of the system is defined with the user interface, this also provides a means of assigning privileges to particular users.

In particular, SDF-A offers the following functions:

- Expansion of the command set by making it possible to call procedures as commands
- Modification of existing commands by, among other things, changing default values or value ranges of parameters
- Assignment of input authorization differentiated according to interactive, batch, and procedure applications
- Setting of global values, e.g. for user prompting

- Comparison of syntax files
- Edited output of syntax definitions
- General administrative functions (create, erase, copy etc.)

All these functions can, in accordance with the hierarchy of syntax files, be put to both installation-specific and group-specific (userID), as well as task-specific use.

The entire functionality can be used not only for the BS2000 SDF command language, but also for all products with a statement interface based on SDF, i.e. users' own programs for which associated syntax files can be created with the aid of SDF-A.

Definition of own commands and instructions using SDF-A requires testing of their syntax. Therefore SDF-A comprises SDF-SIM (system dialog facility simulator), a special program for testing the syntax in a flexibly selectable system environment – efficiently and without any risks.

TECHNICAL DETAILS

SDF-A (BS2000/OSD)

Hardware

BS2000/OSD business server

Software

BS2000/OSD-BC V1.0 or higher

Operating mode

Interactive and batch mode

Implementation language

SPL, Assembler

User interface

Commands, English

Message texts, English/German (optional)

Installation

By the user, in accordance with the release notice

Documentation

SDF-A User guide

Training

See course offer at:

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

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.

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