

## FUJITSU Software BS2000 SDF

Version V4.8A  
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Readme-file

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# 1 Introduction

\*03 This readme file describes the changes/extensions of SDF-A V4.1, SDF V4.7 and SDF V4.8.

The changes/extensions concern the following hand books:

SDF-A V4.1  
Order No. U2284-J-Z125-9-76

SDF V4.7  
Order No. U2339-J-Z125-9-76

\*01 Changes involved with SDF V4.7B and SDF-A V4.1G are marked with \*01 in the left margin.

\*02 Changes involved with SDF V4.7C are marked with \*02 in the left margin.

\*03 Changes involved with SDF V4.8A are marked with \*03 in the left margin

## Summary of changes/extensions in SDF V4.7A

Extension of macro CMDSEL.

## \*01 Summary of changes/extensions in SDF-A V4.1G

\*01 The operand values VALUE=\*CMD-REST/\*TEXT of the ADD-VALUE and MODIFY-VALUE statements have been extended.

\*01 The language dependent texts (MODIFY-LANGUAGE-TEXT operand) of the SET-GLOBALS statement have been extended.

## \*01 Summary of changes/extensions in SDF V4.7B

\*01 Support of case sensitive values outside quotes.

## \*02 Summary of changes/extensions in SDF V4.7C

\*02 New macro CMDSCA. CMDSCA is restricted to system development and is described in the SDF DHB.

\*02 Extension of macro CMDSEL.

\*02 Extension of messages CMD1000, CMD1100, CMD1200.

## \*03 Summary of changes/extensions in SDF V4.8A

\*03 Internal usage of FSTAT macro version 4 instead of version 1 or 2.

Only the new, changed or extended operands and operand values are described in the following sections. The position of the operands within the command syntax can however be seen.

## 2 Statements

### \*01 2.1 ADD-VALUE / MODIFY-VALUE

\*01 The LOWER-CASE=\*YES operand of the data types \*CMD-REST and \*TEXT contains a structure  
\*01 which controls the processing of upper/lower case outside of quotes.

\*01 These data type are provided only for special purposes for the Software Development and are therefore  
\*01 not described here.

### \*01 2.2 SET-GLOBALS

\*01 The language dependent texts (MODIFY-LANGUAGE-TEXT operand) are extended with the new data  
\*01 type attribute CASES-SENSITIVE=\*NAMES (...) with the following defaults for the language key E:

\*01 LONG-NAME='case-sensitive'  
\*01 ABBREVIATION='case-sens.'  
\*01

## 3 Macros

### 3.1 CMDSEL

#### 3.1.1 Extended functionality

\*02 3 new operands have been added to the CMDSEL interface.  
\*02 1 operand has been extended.

#### 3.1.2 Extended interface description

Operation	Operands
*02 CMDSEL	TITLEL = <integer 1..240> / <var: int:4> [,MESSAGE@ = <var: pointer> ] default: NULL [,MESSAGEL = <var: int 0..240> ] default: NULL *02 [,MARKL = 1 / <integer 1..75> / <var: int:1> ] *02                    default: 1

#### \*02 OUTPUT = <var: pointer>

\*02 Address of an area in which the result of the selection can be entered. As many bytes must be reserved  
\*02 as specified in the MARKL parameter for each of the selectable items, i.e. the area must have the byte  
\*02 length specified in LINENBR times the value specified in MARKL and be initialized with zero or blank. If  
\*02 the user selects the item(i) (<i> = o..m) with a value <text\_1..n> (<n> = 1..75), the bytes (i\*n) til (i\*n + (n-  
\*02 1)) receive that value in place of zero/blank. If an area is assigned a value other than zero or blank  
\*02 before the user selection, the corresponding item is the default value in the selection mask.

#### \*02 TITLEL = <integer 1..240> / <var: int:4>

\*02 Specifies the length of the character string which is output as the title. This parameter is only evaluated  
\*02 if an address other than 0 is specified for TITLE@. The number of lines in the selection body depends  
\*02 on the number of lines in the title part (one line less per additional title line).

#### MESSAGE@ = <var: pointer>

Specifies the address of a field containing the message to be displayed before any user selection.

#### MESSAGEL = <var: int 0..240>

Specifies the length of a field containing the message to be displayed before any user selection.

\*02 **MARKL = 1 / <integer 1..75> / <var: int:1>**  
 \*02 Maximal length of the mark value, hence the width of the mark column. The length limit of the rest of the  
 \*02 selection line depends on this value (one character less per additional mark column character).

\*02 **Additional error flags**

(SC2)	SC1	Maincode	Meaning
0C	01	0008	Parameter error: TITEMS
0D	01	0008	Parameter error: TITEMSL
0E	01	0008	Parameter error: MARKL
0F	01	0008	Parameter error: MESSAGE@
10	01	0008	Parameter error: MESSAGEL

\*02 **3.1.3 Additional programming notes**

\*02 OUTPUT: the macro suppresses the NULs (0x00) in the input mark fields i.e. it  
 \*02 concatenates the characters of the input mark column if they are separated by  
 \*02 NULs and it keeps the rest length filled with NULs.

\*02 TITLE and MESSAGE: the presented text can be longer than the text specified in the parameters  
 \*02 because the macro inserts the carriage return such as to not cut short words in  
 \*02 2 lines. If the presented text is longer than 3 lines, it is truncated with "...".

\*02 **4 Extended messages**

\*02 The messages CMD1000, CMD1100 and CMD1200 are extended with 2 Inserts for interface name and  
 \*02 return code:

\*02 CMD1000 INTERNAL ERROR: INTERFACE '&00', RETURNCODE '&01'. PROCESSING  
 \*02 CONTINUES

\*02 CMD1100 INTERNAL ERROR: INTERFACE '&00', RETURNCODE '&01'. TASK TERMINATION  
 \*02 WITHOUT DUMP

\*02 CMD1200 INTERNAL ERROR: INTERFACE '&00', RETURNCODE '&01'. TASK TERMINATION  
 \*02 WITH DUMP