Fujitsu Technology Solutions

SDF
Version V4.7D
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Readme-file

Contents

1 Introduction

*02 This readme file describes the changes/extensions of SDF-A V4.1G and SDF V4.7A, V4.7B and V4.7C.

The changes/extensions concern the manual:

SDF-A V4.1E
Order No. U2284-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.

The changes/extensions refer to the following manual:

SDF-P V2.4A
Edition March 2002
Order number: U2284-J-Z125-9-76

Summary of changes/extensions in SDF V4.7A

Extension of macro CMDSEL.

*01 Summary of changes/extensions in SDF-A V4.1G
*01
*01 The operand values VALUE=*CMD-REST/*TEXT of the ADD-VALUE and MODIFY-VALUE statements
*01 have been extended.
*01
*01 The language dependent texts (MODIFY-LANGUAGE-TEXT operand) of the SET-GLOBALS statement
*01 have been extended.
*01
*01 Summary of changes/extensions in SDF V4.7B
*01
*01 Support of case sensitive values outside quotes.

*02 Summary of changes/extensions in SDF V4.7C
*02
*02 New macro CMDSCA. CMDSCA is restricted to system development and is described in the SDF DHB.
*02
*02 Extension of macro CMDSEL.
*02
*02 Extension of messages CMD1000, CMD1100, CMD1200.

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

*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

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

*01

*01 2.2 SET-GLOBALS

*01

*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

*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

*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