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APPLICATION PROCEDURE RC36-R0004.01

MUSIL CODEPROCEDURE RETURN

; KEYWORDS: MUSIL, APPLICATION, CODEPROCEDURE, DATA ENTRY, LISTING

; ABSTRACT: THE PROCEDURE IS USED TO RETURN TO DATA ENTRY  
; SUPERVISOR SPECIFYING SOME ACTIONS.

; RCSL: 43-R10527: ASCII SOURCE TAPE

; RCSL: 43-R10528: REL. BIN. TAPE

TITLE: CODEPROCEDURE RETURN  
 ABSTRACT: THE PROCEDURE IS USED TO RETURN TO DATA ENTRY SUPERVISOR SPECIFYING SOME ACTIONS.

SIZE: 74 BYTES

DATE: 20.09.76

CALL: RETUR(VAR RETUR: INTEGER;  
 VAR RESULT: INTEGER;  
 VAR ACTIONS: INTEGER;  
 VAR TEXTMODE: INTEGER;  
 VAR TEXT: STRING(SEE BELOW));

DESCRIPTION: ALL PARAMETERS ARE CALL PARAMETERS AND ARE UN-  
 CHANGED UPON RETURN. PARAMETER RETUR IS INITIALIZED BY PROC  
 CMD AND MUST NOT BE CHANGED BEFORE CALLING RETURN.

FUNCTION	PARAMS!	ACTIONS	!RES	!TEXT!	!TEXT				
	!R0-5!	!R6-11!	!R12	!R13	!R14	!R15	!ULT	!MODE!	
1 NO RECEIPT, GET NEW INPUT!	!ZERO!	!ZERO!	!C	!0	!ZERO!	!1	!IRR	!ZERO!	!IRR
2 STD. RECEIPT, GET NEW INPUT!	!TXT1!	!TXT2	!C	!0	!PR	!1	!R	!ZERO!	!IRR
3 OWN RECEIPT, GET NEW INPUT!	!ZERO!	!ZERO!	!C	!0	!ZERO!	!1	!IRR	!B15	!(1:80)=
4 TERMINATION, NO RECEIPT	!ZERO!	!ZERO!	!ZERO!	!0	!ZERO!	!ZERO!	!IRR	!ZERO!	!IRR
5 TERMINATION, STD. RECEIPT	!TXT1!	!TXT2	!ZERO!	!0	!PR	!ZERO!	!R	!ZERO!	!IRR
6 TERMINATION, OWN RECEIPT	!ZERO!	!ZERO!	!ZERO!	!0	!ZERO!	!ZERO!	!IRR	!B15	!(1:80)=
7 TERMINATION, REPLACE	!*	!*	!*	!*	!*	!*	!*	!**	**
8 WAIT/SIGNAL	!ZERO!	!SEMID!	!1	!F	!ZERO!	!ZERO!	!IRR	!IRR	!IRR

C : CHECK NEW INPUT, 0=YES, 1=NO  
 O : OUTPUT PRODUCED IN WORKFILE, 0=NO, 1=YES  
 IRR : IRRELEVANT  
 TXT1 : TEXTNO OF FIRST TEXT IN RECEIPT, 0=NO TEXT  
 TXT2 : TEXTNO OF SECOND TEXT IN RECEIPT, 0=NO TEXT  
 PR : PRINT RESULT (R) AFTER TEXT1/TEXT2, 0=NO, 1=YES  
 R : SEE PR  
 RECEIPT: TEXT TERMINATED BY NULL TO BE USED AS RECEIPT.  
 SEMID : IDENT OF COMMON SEMAPHORE, 1= FIRST SEMAPHORE  
 F : FUNCTION, 0=WAIT, 1=SIGNAL  
 \* : FILLED IN AS 4, 5, OR 6  
 \*\* : B15=1: TEXT(1:80)=RECEIPT  
 B14=1: TEXT(1:80)=REPLACE COMMAND (TEXT WITH NULL)  
 BIT15=BIT14=1: TEXT(1:80)=RECEIPT,(81:160)=REPLACE  
 IF TERMINATION IS SPECIFIED THE PROCEDURE WILL NOT RETURN.  
 OTHERWISE PROCEDURE CMD MUST BE CALLED TO CONTINUE.  
 FOR FURTHER INFORMATION PLEASE CF. SUPERVISOR PROGRAMMING GUIDE.