

ROSL: 43-GL3273

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DATE: 76.10.20

; CODEPROCEDURE P0086

; CONNECTFILE

KEYWORDS: MUS, MUSIL, DOMUS, FILEDESCRIPTOR, DEVICEHANDLING.

ABSTRACT: THIS CODEPROCEDURE TAKES INFORMATION FROM A
CAT76 FILEDESCRIPTOR ENTRY, AND OPENS THE ZONE WITH
THE VALUES FOUND;

ASCII PAPER TAPE: 43-GL3274

REL. BIN TAPE: 43-GL3275

THIS ENTRY LOOKS LIKE THE CAT76 ENTRY GIVEN BY THE IDENTIFIER ID.

IF THE ENTRY IS A FILEDESCRIPTOR (ATTRIBUTE BIT 13 AND 14 SET) THE INFORMATION OF DEVICE NAME, MODE KIND, FILE, BLOCK AND GIVEUPMASK IS TRANSFERRED TO THE ZONE VARIABLES.

IF THE ENTRY IS NOT FOUND, OR THE ENTRY IS NOT A FILEDESCRIPTOR THE FILE IS ACCEPTED AS THE WORKING FILE, AND KIND IN ZONE IS SET TO 2'11110, FILE=BLOCK=0 AND MODE=0.

MODE IS NOW SET TO THE OR'ED VALUE OF THE GIVEN CALL PARAMETER MOD AND THE MODE FOUND IN THE FILEDESCRIPTOR (0 IF DTSC).

IF KIND=DISC (1B11) AND MODE=OUTPUT A CREATEENTRY IS PERFORMED(SIZE=1 , ATT=1B15 (EXTENDABLE)). THIS CAN CAUSE A CALL OF THE GIVEUPPROCEDURE.

BEFORE RETURN THE ZONE IS OPENED WITH THE MODE FOUND, AND THE POSITION IS SET TO FILE AND BLOCK PREVIOUS FOUND.

CALL: CONNECTFILE(OUT,MOD,IDSTRING);

DECL: PROCEDURE CONNECTFILE(FILE F;CONST MODE:INTEGER
;CONST ID:STRING(6));
CODEBODY P0086;

ENTRY FORMAT OF A FILEDESCRIPTOR:

BYTE

0:5	ENTRY NAME
6:11	OPTIONAL1 (RESERVED FOR LATER USE)
1:13	ATTRIBUTE = 2'110 (+ EVT PERMANENT,WRITEPROT)
14:15	GIVEUPMASK (FILELENGTH USED!)
16:17	SEGMENT NUMBER (SET BY CAT)
18:19	RESERVED LENGTH (SET BY CAT)
20:25	DEVICE NAME
26:27	DEVICE KIND
28:29	DEVICE MODE
30	DEVICE FILE
31	DEVICE BOCK