## OUDIENTAL RESEARCH

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BATCH PROCESSOR (SUBMIT)

CP/M VERSION \_\_\_

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DIGITAL RESEARCH
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SER. #\_\_\_\_\_

00080 occo1 /\* SUBMIT FUNCTION - CREATE \$55. SUB FILE WITH COMMANDS \*/ 00081 00002 OFAH: CECLARS BOOS LITERALLY "SEFOH", BOOT LITERALLY "O"; 00084 02 30 6 00086 naces 88000 00089 CCPYRICHT (C) GARY A. KILDALL JUNE, 1975 00001 DECLARE LIT LITERALLY 'LITERALLY',

OCL LIT 'DECLARE',

PERCELT 'PARKEDURE',

ALCO LIT 'ROBESC',

CILL IT 'COM', OCTB', /\* LOWER CASE A \*/

LCA LIT '1104100B', /\* LOWER CASE A \*/

CT LIT '51M', /\* CHIEF - N (CONTROL KEY FLAG) \*/

CT LIT '51M'; /\* CP/M END OF FILE \*/ 00092 (0094 00109 MONI: PROCEDURE(F.A):
DECLARE F HYTE;
GO TO ROOS: 700337 000337 000340 000341 000344 000344 CP/M VERSION \_ END ALHT: MCN2: PROCEDUPE(FA) BYTE; DECLAPE F RYTE; A ADDRESS: COPYRIGHT @ 1976 DIGITAL RESEARCH P. O. CGX 579 END MCHE 00046 PACIFIC GROVE, CA. 93950 DECLAPE LAPE TOUS LITERALLY '10, FALET LITERALLY 'NHILE TRUE', FOREYER LITERALLY '13', FE LITERALLY '13', FE LITERALLY '13'; SUBLIT PRINT: PROCEDURE (A) OFCIAGE A ADDRESS;

/\* PPINT THE STORMS STARTING AT ADDRESS A UNTIL THE
EXT OCLL P SIGN IS ENCOUNTERED \*/
EXIL MCN1(9,4);
END PPINT; 00.062 00.062 00.063 00.065 00.065 00.065 00.067 DECLARE DON'T BYTE: OPEN: PROCEDURE(FOR):
DECLARE FOR ACCRESS:
DONT = MON2(15,FCB); 00144 00145 00146 00147 00148 C0067 C00669 C00771 C00771 C00773 C00775 CC0776 CC0778 C00778 001489 00015123 00011523 00011557 00011557 00011589 CLOSE: PROCEDURE (FCB); OF CLAFE FOR ADDRESS: DON'T # MOVE (16, FCB); END CLOSE; DELETE: PROCEDURE(FCP);
DECLARE FCR ACCRESS;
CALL MONICIPYFCB);
END RELETE; 0

DISKPFAD: PROCEDURE(FCB) BYTE; DECLASE FCB ADDZESS; RETURN MCN2(20,FCB); END DISKPEA); CP/M VERSION \_\_\_ ---DISKWRITE: PROCEDURE(FCR) AYTE:
DECLASE FCR ADDRESS:
RETURN MOD2(21,FCB):
END DISKWRITE: COPYRIGHT @ 1976 DIGITAL RESEARCH \_MAKF: PPOCEULFE(FCB);
DFCLARE F(B ADCRESS;
DCNT = M)M2(22,FGB);
END MAKE; P. O. GOX 579 PACIFIC GROVE, CA. 93950 MOVE: PROCEDUCE(S, 0, 1);

DECLAPE (S, 0) ADDRETS, N RYTE;

DECLAPE A PICLO S BYTI, B BASED D BYTE;

DO WHILE (N := N - 1) <> 255;

R = A; S = S + 1; D = 0 + 1; END MOVE : CRLF: PROCEDURE; CALL PRINT(.(CR,LF,'S')); END CRLF; DECLARE OLDSP ADDRESS: "/\* CALLING PROGRAM'S STACK POINTER ERROR: PROCTOURF(A):

DECLAGE A ADDRESS:

CALL PRINT(.\*CREOP ON LINE \$\*);

CALL PRINT(A):

CALL PRINT(A):

CALL COIT:

STACKOTE = CLUSP:

JA RETURN TI CCP \*/

FIND ERRORS. END EPPOR: TOECLARE SSTRING(123) BYTE, SBP BYTE; /\* SUBSTITUTE STRINGS \*/
/\* POINTER INTO SSTRING \*/ SETUP: PROCEDUFE:

/\* X.SUB FILE IS IN FIRST 16 BYTES, SUBSTITUTE STRING IN LAST 16 \*/DECLARE (1,8,5) DYTE;
DELIMITED: PROCEDURE BYTE;
/\* RETURNS TRUE IC POSITION I OF BUFF IS A DELIMITER \*/
PETUPN (A := RUFF(I)) = \* \*;
END DELIMITED:
T.SPD TOPY SUBSTITUTE STRINGS \*/ 7\* COPY SUBSTITUTE STEINGS =/

I,SBP = 0;
ON WHILE (I:=I+1) <= RUFF;
/\* CEBLANK AND COLLECT STPING \*/
ON WHILE DELIMITE; I = I + 1;

END;
/\* STAF OF STFING \*/
ST = SPP;
OU WHILE NOT DELIMITER AND I <= RUFF;
OU WHILE NOT DE T = 1 + 1; FMM: /\* SAVE LENGTH \*/ STP ING(S ) = SBP - ST; SAP = SBP + 1; SAP = SIP + 1;
END:

/\* MAPK END OF LIST \*/
SSTRING(SOP) = 0;

(ALL MOVE(.'SUR',FCBA+0,3); /\* SFT FILE TYPE TO SUB \*/

CALL MOVE(.'SUR',FCBA+0,3); /\* SFT FILE TYPE TO SUB \*/

CALL MOVE(CHA);

IF DON'T = 255 THEM

CALL FRAMP(.'NO ''SUB'' FILE PRESENTS');

/\* OTHERWISE FILE IS (PEN - READ SUBSEQUENT DATA \*/

SBP = 128; /\* CALSES READ RELOW \*/ END SETUP:

```
GETSCHREE: PRICEOUSE BYTE:
/* FEAD THE NEXT SCURCE CHARACTER */
OFCLARE BYTE:
IF SOP > 127 HEN
ON: IF DISKREAC(FCBA) <> 0 THEN
                               SBP = C;

END;

IF (A := AUFF((SAP:=SBP+1)-1)) = CR THEN

DO: /* INCREMENT LINE */

IF (Ln2 := Ln3 + 1) > '9' THEN

DO: L'13 = 'C':

IF (142 := Ln2 + 1) > '9' THEN

DO: L'12 = '0':

L'11 = LN1 + 1;

SUD:

SUD:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CP/M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #
                                             FETURN 8;
END SETSOUPCE;
   WRITEBUFF: PPOCEDURE:

/* WPITE THE CONTENTS OF THE BUFFER TO DISK */

IF DISK *PITEL-DECP) <> O THEN /* ERROP */

CALL EPROR (.*DISK WRITE ERPOR**);

END WOITEBUFF;
    DECLARE RAUFE(1024) BYTE, /* JCL BUFFER */
PAP ADDRESS, /* JCL BUFFER POINTEP */
RLEN BYTE; /* LENGTH OF CUPRENT COMMAND */
FILLPRUFF: PROCEDURE:
PUTRRUFF: FROCEDURE(A);
DECLARE A BYTE:
IF (PROPERTY (** JOL RUFFER REPREDUMS*);
PRUFF(PROPERTY (** JOL RUFFER REPREDUMS*);
IF (PLEN != KLEN + 1) > 126 THEN
CALL CORDEF(.** COMMAND TOO LONGS*);
END PUTRRUFF;
                                       DECLAPE (PCAULIG; THP; B) BYTE;

NONZEON: PROCEDUTE BYTE;

PETUM: (! : * STRING(TBP) * 1) > 1;

END POLICE O;

PENDER, BP = 0;

PEADING = TRUE;

DO WHILE CECOLIG;

PLEN = 0; /* FESCT COMMAND LENGTH */

ON WHILE (B:=*CTTYOUPGE) <> ENDETLE AND B <> CR;

IF B = CTL THEN /* CONTOURCE AND ISINIBB; ELSE

IF B <> (F THEN /* CONTOURCE AND ISINIBB); ELSE

IF B <> (F THEN /* CONTOURCE AND ISINIBB); ELSE

ON: If B = 'S' THEN /* CONTOURCE AND ISINIBB; ELSE

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IF B = 'S' THEN /* CONTOURCE AND ISINIBB; ELSE

IF B = 'S' THEN /* CON
                                                                                                                                                                                                            IF NY ZESO THEN /* COPY TO RBUFF */
UN WHILE (I := I - 1) <> 0;
CZLL PUTRHUFF(SSTRING(TBP := TBP + 1));
                                                                                                                            END; ELSE /* MOT A '$' */

(ALL PUTRBUFF(9);

FID;

EID;

EID;

EID;

FID;

FI
                                             PEADING = 9 = CRIP

CALL PUTRBUFF(PLEN); /* STORE LENGTH */

FITTIF FILE HAS BEEN PEAD AND PROCESSED */

END FILLPRUFF;
      MAKEFILE: PROCEDUPE:
/* WRITE RESULTING CONNAND FILE */
DECLAPE I PYTE:
GETRBUFF: PROCEDUPE BYTF:
```

C0231 C0231 C0231 C0237 C0237 C0237 C0235

	00241	4 RETURN RRHFF(REP := RBP - 1); 4 END GETSRUFF:	
	00242	3	
	00243	3 CALL DELETE(. DECR): 3 DREC = 0: /* ZEFO THE NEXT RECORD TO WRITE */	0
	CO245 -	CALL MAKE( -DECB);	CP/IA
	00246	3 IF DON'T = 255 THEN CALL PROPE(.*OIRECTORY FULLS*); DO WHILE (I := GETRBUFF) <> 0;	1 m
	00248	3 ** COPY I CHARACTERS TO BUFFER */	
	60249	BUFF = I; BUFF(I+1) = '\$';  UC WHILE I > 0:	/ERSION CO DI PACIF R. #
	00250 C0251	4 SUFF(1) = GETFRUFF: T=1-1:	RSION COPY DIG:I P. PACIFIC
	00252	5 FIADIS STILLED TO 4 44	5 P B P 1
~	00253	/* BUITES FILED TO \$ */	GR O. TAL
	00255	4 FND:	TRIGHT OF TAL RES O. BOX GROVE
	00256	3 CALL CLOSE (.DECA); IF DONT = 255 THEN CALL ERROR(.*CLOSE ERROR**);	E XEO
	00258	3 END MAKEFILE:	1 235-1
	00260	2 /* ENTER HERE FROM THE COP WITH THE FCH SET */	976 RCH 9
	00262	2 DECLARE STACK(10) ADDRESS: /* WORKING STACK */	1 8
	00253	STACKPTR = .STACK(LENGTH(STACK));	
	00265	2 CALL SETUP;	
	00266	Z CALL FILLPRUFF:	
	00267 C0268	2 CALL MAKEFILL; 2 GC TO BOOT: /* REBOOT CAUSES COMMANDS TO BE EXECUTE	h */
	-00269	-2END SURMIT	<u> </u>
	00270	1 EOF	

- MENUE	~			00000	
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DEEC.				C61AH	
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