

# DIGITAL RESEARCH

Post Office Box 579, Pacific Grove, California 93950, (408) 373-3403

BATCH PROCESSOR (SUBMIT)

CP/M VERSION \_\_\_\_\_

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SER. # \_\_\_\_\_



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00160 2 GETSOURCE: PROCEDURE BYTE;
00161 2 /* READ THE NEXT SOURCE CHARACTER */
00162 2 DECLARE B BYTE;
00163 2 IF SRP > 127 THEN
00164 2   DO; IF DISKREAD(FCHR) <> 0 THEN
00165 2     RETURN ENDFILE;
00166 2   SRP = 0;
00167 2   END;
00168 2   IF (R := RUFF(SRP:=SRP+1)-1) = CR THEN
00169 2     DO; /* INCREMENT LINE # */
00170 2       IF (LN3 := LN3 + 1) > '9' THEN
00171 2         DO; LN3 = '0';
00172 2           IF (LN2 := LN2 + 1) > '9' THEN
00173 2             DO; LN2 = '0';
00174 2               LN1 = LN1 + 1;
00175 2             END;
00176 2           END;
00177 2         END;
00178 2       RETURN B;
00179 2     END GETSOURCE;
00180 2   WRITERUFF: PROCEDURE;
00181 2   /* WRITE THE CONTENTS OF THE BUFFER TO DISK */
00182 2   IF DISKWRITE(DFCR) <> 0 THEN /* ERROR */
00183 2     CALL ERROR('DISK WRITE ERRORS');
00184 2   END WRITERUFF;
00185 2   DECLARE RUFF(1024) BYTE, /* JCL BUFFER */
00186 2   RBP ADDRESS, /* JCL BUFFER POINTER */
00187 2   RLEN BYTE; /* LENGTH OF CURRENT COMMAND */
00188 2   FILLRUFF: PROCEDURE;
00189 2   PUTRUFF: PROCEDURE(R);
00190 2   DECLARE B BYTE;
00191 2   IF (RBP := RBP + 1) > LAST(RUFF) THEN
00192 2     CALL ERROR('JCL BUFFER OVERFLOW');
00193 2   RUFF(RBP) = R;
00194 2   IF (RLEN := RLEN + 1) > 126 THEN
00195 2     CALL ERROR('COMMAND TOO LONG');
00196 2   END PUTRUFF;
00197 2   DECLARE (READING, T, TBP, B) BYTE;
00198 2   NONZERO: PROCEDURE BYTE;
00199 2   RETURN (1 - *STRING(TBP) + 1) > 1;
00200 2   END NONZERO;
00201 2   /* FILL THE JCL BUFFER */
00202 2   RUFF, RBP = 0;
00203 2   READING = TRUE;
00204 2   DO WHILE READING;
00205 2     RLEN = 0; /* RESET COMMAND LENGTH */
00206 2     DO WHILE (R:=GETSOURCE) <> ENDFILE AND R <> CR;
00207 2       IF B = CTL THEN /* CONTROL KEY */
00208 2         CALL PUTRUFF(GETSOURCE AND '11111B'); ELSE
00209 2         IF R <> ' ' THEN
00210 2           DO; IF R = '$' THEN /* COPY SUBSTITUTE STRING */
00211 2             DO; IF (R := GETSOURCE - '0') > 9 THEN
00212 2               CALL ERROR('INVALID PARAMETER SPECIFICATIONS');
00213 2             TBP = 0; /* FIND STRING R */
00214 2             DO WHILE (R := B - 1) <> 255;
00215 2               IF NONZERO THEN TBP = TBP + 1;
00216 2             END;
00217 2             IF NONZERO THEN /* COPY TO RUFF */
00218 2               DO WHILE (I := I - 1) <> 0;
00219 2                 CALL PUTRUFF(STRING(TBP := TBP + 1));
00220 2               END;
00221 2             END; ELSE /* NOT A '$' */
00222 2               CALL PUTRUFF(R);
00223 2             END; /* OF LINE OR INPUT FILE - COMPUTE LENGTH */
00224 2             READING = R = CR;
00225 2             CALL PUTRUFF(RLEN); /* STOP LENGTH */
00226 2             END;
00227 2             /* ENTER FILE HAS BEEN READ AND PROCESSED */
00228 2             END FILLRUFF;
00229 2   MAKEFILE: PROCEDURE;
00230 2   /* WRITE RESULTING COMMAND FILE */
00231 2   DECLARE I BYTE;
00232 2   GETRUFF: PROCEDURE BYTE;

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00240 4 RETURN RUFF(RBP := RBP - 1);
00241 4 END GETRUFF;
00242 4
00243 4 CALL DELETE(DFCR);
00244 4 DREC = 0; /* ZERO THE NEXT RECORD TO WRITE */
00245 4 CALL MAKE(DFCR);
00246 4 IF DCNT = 255 THEN CALL ERROR('DIRECTORY FULL');
00247 4 DO WHILE (I := GETRUFF) <> 0;
00248 4   /* COPY I CHARACTERS TO RUFF */
00249 4   RUFF = I; RUFF(I+1) = '$';
00250 4   DO WHILE I > 0;
00251 4     RUFF(I) = GETRUFF; I=I-1;
00252 4   END;
00253 4   /* BUFFER FILLED TO $ */
00254 4   CALL WRITERUFF;
00255 4   END;
00256 4   CALL CLOSE(DFCR);
00257 4   IF DCNT = 255 THEN CALL ERROR('CLOSE ERROR');
00258 4   END MAKEFILE;
00259 4
00260 4 /* ENTER HERE FROM THE CCP WITH THE FCR SET */
00261 4 DECLARE STACK(10) ADDRESS; /* WORKING STACK */
00262 4 OLUSP = STACKPTR;
00263 4 STACKPTR = *STACK(LENGTH(STACK));
00264 4
00265 4 CALL SETUP;
00266 4 CALL FILLRUFF;
00267 4 CALL MAKEFILE;
00268 4 GO TO ROOT; /* REBOOT CAUSES COMMANDS TO BE EXECUTED */
00269 4 END SUBMIT;
00270 4 ... EOF

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SER. #

MEMORY.....	0B00H
SUBMIT.....	0100H
LN1.....	0611H
LN2.....	0612H
LN3.....	0613H
FILL.....	0614H
FCP4.....	0615H
40FA.....	0616H
DFCB.....	0617H
DEFC.....	0618H
MCN1.....	0103H
F.....	0630H
A.....	0630H
MCN2.....	010FH
F.....	063FH
A.....	0640H
PRINT.....	0110H
B.....	0642H
DCNT.....	0645H
CPEN.....	0120H
FCSE.....	0646H
FCB.....	013FH
DELETE.....	0648H
FCB.....	0153H
FCB.....	064AH
DISK READ.....	0163H
FCB.....	064CH
DISK WRITE.....	0173H
FCB.....	064EH
MAKE.....	0183H
FCB.....	0650H
MOVE.....	0197H
S.....	0652H
D.....	0654H
N.....	0657H
SELF.....	0104H
CLDSD.....	0658H
ELCGR.....	0101H
A.....	065AH
SSPIMG.....	065BH
SPD.....	0660H
SETUP.....	0204H
I.....	060FH
E.....	060FH
CT.....	06F0H
DELIMITED.....	0211H
GETSOURCE.....	0216H
B.....	06F1H
WRITE BUFF.....	0360H
RDUFF.....	06F2H
RD.....	06F2H
CLER.....	06F5H
FILLER BUFF.....	0367H
PUTRUFF.....	0369H
P.....	06F6H
ACCTING.....	06F7H
I.....	06F8H
TRD.....	0709H
B.....	06FAH
MAKEFILE.....	03F1H
I.....	06FBH
GETRUFF.....	06F1H
STACK.....	0AECH