

# Breeze Computing inc.

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## -BREEZE SPECIAL PURGE UTILITY-

THE PROGRAM ON THIS DISKETTE WILL NOT OPERATE AS IT IS. YOU MUST FOLLOW INSTRUCTIONS ON THE FOLLOWING PAGES TO TRANSFER THE PROGRAM FROM THE SUPPLIED DISKETTE ONTO YOUR OWN DISKETTE CONTAINING DOS. ANY DOS WILL DO FINE. YOU WILL NEED A MINIMUM ON 32-K AND ONE DISK DRIVE TO TRANSFER THE PROGRAM. YOU WILL NEED 6 AVAILABLE GRANS OF DISK SPACE TO CONTAIN THE PROGRAM.

SINCE THIS IS A MACHINE LANGUAGE FILE, YOU MAY EXECUTE IT BY TYPING "PURGE" WHEN DOS IS READY. IF YOUR LOAD WAS SUCCESSFUL, THE COPYRIGHT INFORMATION WILL BE DISPLAYED. ENTER THE DRIVE WHICH CONTAINS THE TARGET DISKETTE. IT MAY BE LOCATED ON ANY DRIVE. THIS PROGRAM REQUIRES THAT THE FIRST TWO BYTES ON THE DISK BE 00 AND FE RESPECTIVELY. THE THIRD BYTE MUST BE THE RELATIVE TRACK OF THE DIRECTORY. THE DISKETTE WILL BE REJECTED IF THESE CONDITIONS ARE NOT MET. IF THESE CONDITIONS ARE TRUE, THE DIRECTORY WILL BE LOADED FROM THE DISK AND IT'S TRACK WILL BE DISPLAYED. WHENEVER THE DIRECTORY IS BEING DISPLAYED, PRESS <ENTER> TO DISPLAY THE MENU SELECTIONS.

THE DIRECTORY IS DISPLAYED AS FOLLOWS:  
ALL OF THE 64 AVAILABLE ENTRIES MAY BE DISPLAYED AT THE SAME TIME.  
4 ENTRIES ARE DISPLAYED PER LINE FOR 16 LINES. IMMEDIATELY FOLLOWING THE NAME WILL BE A SPACE, AND THE FOLLOWING 2 LETTERS IF THEY APPLY. AN 'S' WILL BE DISPLAYED IF THE FILE IS A SYSTEM FILE. AN 'I' WILL BE DISPLAYED IF THE FILE HAS THE INVISIBLE ATTRIBUTE. AFTER THESE LETTERS, ALL FILES WILL SHOW A NUMBER. THIS IS THE PASSWORD PROTECTION LEVEL OF THAT FILE. IF THE NUMBER IS ZERO, THERE IS NO ACCESS RESTRICTIONS. SEE THE FOLLOWING PAGES FOR WHAT EACH NUMBER REPRESENTS INDIVIDUALLY.

ALL OF THE CHANGES THAT ARE MADE ARE HELD IN A BUFFER IN RAM, THEY ARE NOT WRITTEN IMMEDIATELY TO THE DISK. YOU MAY WRITE THE DIRECTORY BACK TO THE DISK AT ANY TIME, OR YOU MAY CANCEL THE BUFFER CHANGES, AND RELOAD THE DIRECTORY TO RESTART THE PROGRAM. THE FOLLOWING PAGES WILL DISCUSS THE DIFFERENT OPTIONS THAT ARE AVAILABLE FROM THE MENU DISPLAY.

THE MENU OPTIONS SHOULD APPEAR ON YOUR SCREEN AT THIS POINT. OPTION <A> WILL ALLOW YOU TO LOOK THROUGH THE DIRECTORY AND SELECTIVELY KILL ANY FILES. AN OPTION IS ALSO PROVIDED TO JUMP OVER THE REMAINING ENTRIES TO QUICKLY BYPASS A LONG DIRECTORY. OPTIONS <B> THROUGH <H> ARE SELF EXPLANATORY. WHEN A FILE IS KILLED IN THIS SYSTEM, ONLY THE FIRST BYTE OF THE DIRECTORY ENTRY IS ZEROED. USE OPTION <I> TO ZERO OUT ALL CURRENT UNUSED ENTRIES IN THE BUFFER. THIS WILL MAKE IT HARD TO LOCATE ANY KILLED FILES. WHEN A FILE IS KILLED, IT'S DATA IS LEFT ON THE DISK, ONLY THE DIRECTORY IS CHANGED. USE OPTION <J> TO ZERO OUT ALL CURRENT UNUSED DISK SECTORS. WHEN USING THIS OPTION, THE CHANGES ARE IMMEDIATE AND IRREVERSABLE. MAKE SURE THAT THE DIRECTORY IS EXACTLY AS YOU WANT IT BEFORE USING THIS OPTION. WHEN ALL UNUSED SECTORS HAVE BEEN ZEROED, A 'ROUTINE COMPLETED' MESSAGE WILL APPEAR. PRESS <ENTER> TO WRITE THE DIRECTORY BACK TO THE DISK. IF YOU WANT TO ZERO THE SECTORS, BUT DO NOT WANT THE DIRECTORY WRITTEN BACK TO THE DISK, HOLD DOWN THE <CLEAR> KEY WHEN YOU PRESS <ENTER>. OPTION <L> WILL DISPLAY THE CURRENT DIRECTORY THAT IS IN THE BUFFER. OPTION <M> WILL RESTART THE PROGRAM. ANY CONTENTS OF THE BUFFER WILL BE LOST AND THE DIRECTORY WILL NOT BE WRITTEN BACK TO THE DISK. THIS WAY YOU MAY CANCEL ANY CHANGES TO RELOAD THE EXISTING DIRECTORY. OPTION <N> WILL TERMINATE THE PROGRAM AND PROMPT YOU TO MOUNT YOUR SYSTEM DISK.

ALL OF THE ABOVE COMMANDS ARE TEMPORARY EXCEPT OPTIONS <J> AND <K>. BE SURE THAT THE DIRECTORY IS EXACTLY AS YOU WANT IT BEFORE USING THESE OPTIONS.

SEVERAL NEW OPTIONS HAVE BEEN ADDED TO VERSIONS 2.0 AND LATER. WHEN THE MASTER MENU IS DISPLAYED ON THE SCREEN, SELECT OPTION <A>, BUT HOLD DOWN THE 'A' KEY AS WELL AS THE 'S' KEY WHEN YOU PRESS <ENTER>. THE SPECIAL ROUTINE MENU WILL DISPLAY ON YOUR SCREEN. OPTIONS <1> THROUGH <5> ARE SELF EXPLANATORY. OPTION <6> WILL ASSIGN RANDOM PASSWORDS TO ALL FILES. IF YOUR DOS CHECKS FOR PASSWORDS, YOU WILL NOT BE ABLE TO ACCESS THESE FILES. IN THIS CASE, YOU MAY USE OPTION <7> TO COMPUTE THE NEW PASSWORDS. OPTION <6> WILL ASSIGN THE SAME PASSWORD TO BOTH THE 'ACCESS' AND 'UPDATE' PASSWORDS. OPTION <7> WILL COMPUTE THE PASSWORDS FOR ALL FILES ON THE DISK INCLUDING THE MASTER PASSWORD. THE <BREAK> KEY MAY BE USED AT ANY TIME A PASSWORD IS BEING COMPUTED TO CANCEL THE ROUTINE.

AS WE ALL KNOW, PASSWORDS ARE CODED FROM A 1-8 BYTE ASCII STRING INTO A 2 BYTE CODE. THIS CODE IS IRREVERSIBLE, AND MANY DIFFERENT STRINGS MAY CODE INTO THE SAME 2 BYTES. WHEN YOU ARE COMPUTING PASSWORDS WITH THIS PROGRAM, YOU WILL NOTICE THAT THE COMPUTED WORD MAY NOT BE EXACTLY THE SAME WORD THAT WAS USED IN THE FIRST PLACE. THIS PROGRAM WILL FIND THE SHORTEST VALID WORD THAT WILL WORK. USUALLY, THE PROGRAM WILL FIND A PASSWORD IN UNDER 60 SECONDS, BUT THE TIME WILL SURELY VARY FROM WORD TO WORD.

OPTION <8> WILL ALLOW YOU TO COMPUTE THE PASSWORDS FOR A SINGLE FILE. YOU WILL OPTIONALLY BE ABLE TO COMPUTE A SINGLE SET OF WORDS, OR ALL WORDS THAT WILL WORK. TO COMPUTE ALL THE POSSIBLE PASSWORDS MAY TAKE SEVERAL DAYS. YOU MAY STOP THE PASSWORD ROUTINES AT ANY TIME BY PRESSING THE <BREAK> KEY. IN THIS MANNER YOU MAY COMPUTE AS MANY PASSWORDS AS DESIRED. OPTION <9> WILL ALLOW YOU TO CHANGE THE PASSWORDS ON ANY FILE. YOU WILL ALSO BE ABLE TO MAKE THE FILE VISIBLE OR INVISIBLE, AND SET THE PROTECTION LEVEL OF THE PASSWORDS. ALL REQUIRED INPUT IS FULLY PROMPTED FOR EASY USE.

**-PURGE LOADING INSTRUCTIONS-**

MOUNT THE SUPPLIED DISKETTE INTO DRIVE 0 AND PRESS THE <RESET> BUTTON. WHEN THE LOAD IS COMPLETED, MOUNT A DISK CONTAINING DOS INTO DRIVE 0, AND PRESS THE <RESET> BUTTON AGAIN. IF YOU ARE GOING TO MAKE ANY ZAPS TO THE PROGRAM, FOLLOW INSTRUCTIONS ON THE FOLLOWING PAGE BEFORE CONTINUING.

'DOS READY' SHOULD APPEAR ON YOUR VIDEO. TYPE:  
DUMP PURGE/CMD:0 (START=X'7000',END=X'8BFF',TRA=X'7000) <ENTER>  
TO SAVE THE PROGRAM ON YOUR DISKETTE.  
YOU MAY NOW EXECUTE THE PROGRAM BY TYPING 'PURGE' WHEN DOS IS READY.

IF YOU WOULD LIKE TO ADD YOUR NAME TO OUR MAILING LIST, FILL OUT THE FORM ON THE LAST PAGE AND RETURN IT TO US.  
YOU WILL BE NOTIFIED OF ANY UPGRADES OR MODIFICATIONS, AND WILL RECEIVE INFORMATION ABOUT ANY FUTURE PRODUCTS FROM BREEZE COMPUTING.

**-PURGE ZAP SHEET-**

FOLLOW THE INSTRUCTIONS ON THE PRECEEDING PAGE TO LOAD PURGE AND YOUR DOS.  
TYPE 'DEBUG' <ENTER> AND PRESS THE <BREAK> KEY. MAKE ANY OR ALL OF THE  
FOLLOWING MODIFICATIONS, THEN TYPE 'G402D' TO RETURN TO DOS READY.  
TYPE: 'DEBUG (OFF)' <ENTER> TO DEACTIVATE DEBUG.  
CONTINUE WITH THE LOADING INSTRUCTIONS ON PRECEEDING PAGE.

IF YOUR DRIVES HAVE SOFTWARE SELECTABLE STEPPER MOTOR SPEED (I.E. MPI ET. AL.):

70D7 = 0B -> 08

75D5 = 1B -> 18

7747 = 1B -> 18

IF YOU WANT TO CHANGE THE CURSOR CHARACTER:

7476 = 8F

THE CURSOR ON DELAY COUNT:

7479-747A = 00 05 (LSB, MSB)

THE CURSOR OFF DELAY COUNT:

7493-7494 = 00 05 (LSB, MSB)

WHEN YOU ZERO OUT UNUSED SECTORS.

IF YOU WANT THESE SECTORS WRITTEN AS READ PROTECTED:

7C79 = A8 -> A9

IF YOU WANT THESE SECTORS WRITTEN AS DELETED DATA:

7C79 = A8 -> AB

IF YOU WANT THESE SECTORS WRITTEN AS USER DEFINED:

7C79 = A9 -> AA

IF YOU MAKE ANY OTHER MODS TO THE PROGRAM, AND THEY WORK,  
PLEASE LET US KNOW. WE WOULD BE HAPPY TO PASS THE INFORMATION ON  
TO OTHER USERS OF THIS UTILITY.

- BREEZE PURGE UTILITY -

- (A) SELECTIVE purge
  - (B) Kill all VISIBLE files
  - (C) Kill all INVISIBLE files
  - (D) Kill all INVISIBLE, NON-SYSTEM files
  - (E) Kill all /CMD files
  - (F) Kill all /BAS files
  - (G) Kill all SYSTEM files
  - (H) Kill ALL files EXCEPT BOOT and DIR
  - (I) Zero out all UNUSED DIRECTORY ENTRIES
  - (J) Zero out all UNUSED DISK SECTORS
  - (K) WRITE UPDATED DIRECTORY back to disk
  - (L) Display current DIRECTORY
  - (M) RESTART program
  - (N) EXIT program
- ?.

-SPECIAL ROUTINES-

1. Make all files VISIBLE
  2. Make all files INVISIBLE
  3. REMOVE PASSWORDS from all files
  4. Change disk NAME, DATE, and MASTER PASSWORD
  5. Change AUTO command
  6. RANDOM PASSWORDS to all files
  7. COMPUTE PASSWORDS for all files
  8. Compute Passwords for SINGLE file
  9. Change Passwords on SINGLE file
  0. Return to MASTER MENU
- ?.

**-PURGE REGISTRATION-**

NAME:  
ADDRESS:  
CITY/STATE/ZIP:  
COMPANY NAME IF USED FOR BUSINESS:

PURCHASED FROM:  
ADDRESS:  
CITY/STATE/ZIP:  
DATE PURCHASED:  
PURCHASE PRICE:

ABOUT YOUR SYSTEM:

1 2 3 4 DISK DRIVES  
TYPE OF DISK DRIVES:  
SINGLE DENSITY DOUBLE DENSITY  
SINGLE SIDED DOUBLE SIDED  
16K 32K 64K  
TYPE OF INTERFACE:  
MODEM Y / N TYPE:  
SYNTHESIZER VOX-BOX LIGHT-PEN  
LINEPRINTER Y / N TYPE:  
LOWER CASE Y / N  
ELECTRIC CRAYON Y / N  
HI-RES MODIFICATION Y / N  
ANYTHING ELSE?

COMMENTS, SUGGESTIONS, THINGS YOU WOULD LIKE TO SEE:

MAIL TO:

PURGE REGISTRATION  
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