Tech Info Library

Using DOS 3.3 with Catalyst 2.1 (1 of 5)

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Security:       Everyone
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CHAPTER 1
INTRODUCTION
OVERVIEW
DOS 3.3 BASIC and its associated Volume Manager (both supplied on your Catalyst
diskette VERSION 2.1) may be used to access your DOS BASIC programs directly
from your hard disk and have access to "DOS 3.3 volumes" on the hard disk.

The DOS 3.3 Volume Manager is used to create standard ProDOS files which appear
as DOS 3.3 volumes to DOS 3.3 BASIC. To access these files, they must be
"mounted" and formatted as a floppy diskette within your hard disk. All
accesses to the hard disk on which you mounted the ProDOS file are then made to
that file.

The Volume Manager also allows you to create a file (named MOUNTS3.3) which
tells DOS 3.3 which slot/drive pair to run the startup program (HELLO) from,
what ProDOS files to mount on selected slot/drive pairs, and whether or not to
reserve room for DOS when you initialize a file or diskette.

When DOS 3.3 is selected from the Catalyst menu, it reads the MOUNTS3.3 file
from the directory specified by the current ProDOS prefix. If no MOUNTS3.3
file is found, the following assumptions are made:

   - DOS 3.3 will look for its startup program on slot 6, drive 1. If a HELLO
program is not found there, you will receive an I/O error.
   - No hard disk DOS volumes will be mounted for access.
   - The INIT command will reserve room for DOS when you initialize a file or
diskette.

The instructions below explain how to install DOS 3.3 BASIC and its associated
Volume Manager on your hard disk through the Catalyst Editor program. The
Volume Manager may then be used to create volumes on the hard disk for use by
DOS 3.3, and to create the MOUNTS3.3 file to enable access to those volumes.

RESTRICTIONS:

1. Catalyst version 2.1 is necessary in order to use the DOS 3.3 option.

2. Copy protected DOS 3.3 programs can not be used.
3. ProDOS files (disk volumes) no larger than 800 sectors (200K) can be created, thus DOS program applications requiring more than 800 sectors can not be used.
INSTALLATION
To install DOS 3.3 BASIC and its associated Volume Manager under Catalyst, perform the following procedure:

   1. Select the Catalyst Editor from the Catalyst menu.
   2. When the Catalyst Editor main menu comes up, select the "Install program" option.
   3. From the list of Program manufacturers, select the entry for "Apple Computer, Inc.".
   4. Select the entry for "DOS 3.3 BASIC" from the list of Apple programs.
   5. You are then prompted to insert the boot diskette of the program to install in the disk drive. Insert the Catalyst PROGRAM diskette in the disk drive, and then press the space bar.
   6. DOS 3.3 BASIC and its associated Volume Manager (MAKE.MOUNTS) will then be copied from your Catalyst PROGRAM diskette to the CATALYST2E subdirectory on your hard disk. You are then returned to the Catalyst Editor main menu.
   7. Enter "E" to Edit the Catalyst menu.
   8. Using the up and down arrow keys, position the inverse bar over the "DOS 3.3 BASIC" entry which now appears on your menu. Type "A" to Add a program entry.
   9. Enter "DOS Volume Manager" for the menu Display name.
  10. Enter "CATALYST2E/BASIC." for the Interpreter path.
  11. Press RETURN for the Initial prefix.
  12. Enter "CATALYST2E/MAKE.MOUNTS" for the Program path.
  13. If all the above has been entered correctly, press RETURN when asked "Is all this correct?". Otherwise, enter "NO" and fix the incorrect entry.
  14. Press ESCAPE to return to the Catalyst Editor main menu. Enter "U" to Update the INTERPS2E file.
  15. Enter "Q" to Quit from the Catalyst Editor.

NOTE: Since the ProDOS Prefix for the DOS 3.3 BASIC entry is automatically set to "CATALYST2E" by the above installation process, DOS will expect its MOUNTS3.3 file to be in that subdirectory.

NOTE: Apple Computer Inc. is not responsible for the contents of this
       article.

Quark Technical Support

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