Apple IIe: Two Ways to Make it into AppleTalk Workstations

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There are two ways to make an Apple IIe with a 5.25-inch drive into an
AppleTalk workstation. The first is to start the Apple IIe systems over the
network. The second method is to use a 3.5-inch disk drive temporarily to
build a startup disk. (Workstation Card software is shipped only on a
3.5-inch disk.)

Option 1: Startup Across the Network

With this option, there is no need for the 5.25-inch drives or the
Workstation software. Just prepare the AppleShare file server for use with
Apple II computers. With that done, users with Apple IIe/Workstation Card
systems need only power on with no disks in the drives. The computers
start across the network. Having the 5.25-inch drives lets users copy
files to their own disks to take home.

Option 2: Building a Local Startup Disk

This second option uses the 5.25-inch drive for local starting. The
Workstation Card software ships on a 3.5-inch disk, because of software
space requirements. However, you can build a workable 5.25-inch disk. This
requires use of a 3.5-inch drive while building the 5.25-inch disk. Once
the 5.25-inch disk is built, the 3.5-inch drive is not necessary for running
the labs. The following files are the absolute minimum for a network
start-up disk:

- PRODOS
- ATINIT
- SELECTOR.SYSTEM
- System.APPS
  - LOGOFF
  - LOGON
- BASIC

In this configuration, SELECTOR.SYSTEM displays several applications from
which to choose. However, only the "File Server Log On", "File Server Log
Off", and "ProDOS BASIC" items actually run programs. All other choices
display an error message. When acknowledged, the error message returns to
the SELECTOR. Unfortunately, the applications list in the SELECTOR window
cannot be changed.

With the above files on the 5.25-inch disk, the student may log on, log off, and enter Applesoft BASIC. If leaving the student in BASIC is satisfactory, this is all that is needed.

If Aristotle is used for a menu system, you will need a 3.5-inch drive to transfer the Aristotle programs to the server. Once the Aristotle programs have been moved to the server, saving a one-line Applesoft BASIC program to the 5.25-inch will let the student access the Aristotle program. The program should look something like:

10 PRINT CHR$(4);"-/PRODOS.SERVER/ARISTOTLE/MENU.D/DISPLAY"

Save this one-line program as "MENU". To use it, select "ProDOS BASIC" in the SELECTOR window, and the Applesoft prompt appears. Then type "-MENU" to get the Aristotle menu. Here is the structure of the Applesoft program:

PRINT CHR$(4);   -- to let an immediate command be executed
"-   -- run the program at the end of this pathname
/PRODOS.SERVER   -- name of the AppleShare file server volume
/ARISTOLE   -- name of the subdirectory containing Aristotle programs
/MENU.D   -- name of the subdirectory containing Display
/DISPLAY"   -- name of the Aristotle menu program to run
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