Apple IIgs OS v 6.0: Aristotle Installation (2/95)

Article Created: 27 September 1993
Article Reviewed/Updated: 16 February 1995

TOPIC ---

This document provides installation steps to install Aristotle on an Apple IIgs
using GS/OS v 6.0

DISCUSSION --

Hardware Requirements

You will need the following hardware:

• A Macintosh Plus, SE, or member of the Classic, LC, Macintosh II,
  Centris or Quadra families of Macintosh computers operating in System 7
  with a minimum of 4 Megabytes of random access memory (RAM) installed
  for Apple IIe networks.

• A Macintosh computer with 5 MB of RAM installed is recommended for
  Macintosh and Apple IIgs networks.

Installation
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1) Preparing the hard drive.

   Insert the Disk Tools disk from the system software package in the
   accessory kit, and turn the Macintosh on. Open the program "Apple HD SC
   Setup" and click "Initialize." Answer any dialogues that ask if you
   want to erase the hard drive. Once the hard drive has been successfully
   initialized, click "Quit." When you see the Macintosh desktop, choose
   "Restart" from the "Special" menu.

2) Installing System 7

   Insert the Install disk, or the InstallMeFirst disk from the system
   software package in the accessory kit. Follow any prompts. Be sure to
   click "Customize" to install any necessary network card services
   (Ethernet, Router, and so on).

3) Installing AppleShare 3

a) With the Macintosh turned on, insert the File Server Disk and double-click on the Installer.

    i) Click "Customize"

    ii) Select File Server software, and Apple II Startup.

b) Check Computer's clock and set time in the "General Controls" control panel

c) Check Network Connections

    i) Choose "Chooser" from the Apple menu and make sure AppleTalk is active

    ii) Choose "Control Panels" from the Apple Menu and open the Network control panel to verify correct services (Ethernet, or LocalTalk) are selected.

4) Setting Up File Service

a) Open the System Folder (not the folder titled "system") and locate the AppleShare Admin application. Select its icon by clicking on it once and choose "Make Alias" from the "File" menu. Put the alias in the Apple Menu Items folder.

b) Open the AppleShare Admin Application

c) Name the File Server (enter Admin. key and click OK)

    i) This is the name users will see in the Chooser

    ii) Admin. Key is a password you enter whenever entering the Admin. Application. Password can be up to 8 characters long.

d) Enter an Administrator's name and Password

    i) Enter any name -- Default is "Administrator"

    ii) Up to 8 characters for password -- For Administrator's personal account on the server.

e) Check options needed as server Administrator

    i) You will probably assign yourself all available options. Be sure to click "save."

5) Creating Groups

For Aristotle, there must be a group named EXACTLY "Student" and one named EXACTLY "Teacher" not "STUDENTS" and not "TEACHERS."

6) Creating Users

   Assign each user to Student or Teacher as a primary group.

   Only user's who's primary group is Teacher or student can log onto
   Aristotle

7) Allowing Guest Access

   Double Click on the <any user? option in User List

   Default is turned off. Click Login Enabled.

8) Enable Apple II Startup

   Select "Enable Apple II Startup" from the Server Preferences in Server
   menu of the Admin. Program.

   This will create a folder named "Users" on the root level of the server
   volume.

9) Selecting Volumes to Share

   a) In the Administrator Application, choose "Access info" from the
      "Privileges" menu.

   b) Select the item to be shared and click "share." The item will
      appeared in the shared items box on the right side of the dialog
      box.

   c) Set privileges for the administrator. Mark check boxes: See
      folders, See files, Make changes.

   d) Set everyone in users and groups to 'See folders'

   e) Click the save button, a dialog box will appear. Select explicit.

   Note: If you are going to provide Apple II Network Startup, the entire
         startup hard disk must be shared.

10) Open the AppleShare Server Application

11) Creating AppleShare Workstation Disk for the IIgs on 3.5 disk.

    a) Start up with the Apple IIgs GSOS 6.0 System Disk

    b) Insert a blank 800 K disk in the second 3.5-inch drive

    c) Format the blank disk and name it "Workstation"

    d) Remove the blank disk and insert GSOS v 6.0 Install Disk.

    e) Open the Installer program on the Install Disk.

f) Click "Customize" when the Installer program appears.

g) Eject the Install disk and insert the Workstation disk.

h) Click "Disk" until you see "Workstation"

i) Select "Network: AppleShare 3.5 Disk" and click "install."

j) Swap disks until the installation is complete

k) Set the Apple IIgs control panel (CMD-CTR-ESC).

Note: It is recommend that you use two 3.5-inch drives.

Note: 01 and 03 ROM revision Setups.

   IIgs ROM 01 - Slot 1=your card
                Slot 7=AppleTalk

   IIgs ROM 03 - Slot 1=AppleTalk
                Slot 7=AppleTalk

12) Restart the IIgs with the Workstation disk. (CTR-Reset, at prompt type PR#5).

13) Connecting to the server from the IIgs

a) When Launcher window appears, click "Cancel"

b) Choose "Control Panel" from the Apple Menu

c) Select the AppleShare Icon on the left and the name of the server on the right.

d) Click "OK"

e) Type in the name and password of the Administrator and click "OK"

f) Select the name of the volume that will be used for the Apple II software.

g) Click "OK" and close the Control Panel.

14) Installing GSOS system software

a) Choose "Launch" from the "File" menu.

b) When the Launcher window appears, insert the Install disk.

c) Click "Disk" until Install is the Active disk.

d) Select Installer and click "Open."

e) Click "Customize" when the Installer program appears.

f) Click "Disk" until the name of the Server volume appears.

g) Choose the "Network: Server Startup" and "Network: Server Quick Logoff". (Open Apple to select multiple items.)

h) Click "Install" and "Perform this Update"

15) Restarting the IIgs from the network.

a) Open the AppleShare Admin. program from the Macintosh File Server

b) Select a user from the User list(click one time, do not open)

c) Choose "Set startup info" from the "Startup" menu

d) Click "Set Startup App"

e) Click "Desktop" then double-click the name of hard drive and the open the System folder.

f) Select the file called "Setstart.Sys16"

g) Close the Set Startup window and click "OK"

h) Choose "Verify" from the "Startup" menu.

i) Click "OK"

j) Go to the IIgs and change hardware control panel(CMD-CTR-ESC) set the RAM DISK to a minimum of 256k.

k) Restart the IIgs.

l) Log in as Administrator.

 ** Note: Repeat steps b-i for every user who will log in from an Apple IIgs.

16) Installing Aristotle

a) Insert the Aristotle Menu Software disk in the IIgs floppy drive.

b) Drag the Aristotle folder to the server volume icon on the desktop.

   This will put the folder on the root level of the hard disk. This is recommended to minimize problems with access Privileges of enclosing folder.

c) Eject the Aristotle Menu Software Disk.

d) Insert the GSOS Install Disk.

    e) Open the Installer Program.

    f) Click "Customize" from the Installer program window.

    g) Click "Disk" until the name of the server volume appears.

    h) Choose the Aristotle Update script on the Left.

    i) Open the Aristotle folder on the server volume.

    j) Open the Menu.D. folder within that Aristotle folder.

    k) Click "Install" and quit the Installer.

17) Setting Privileges on the File Server

    a) For the folder named "System", NOT the Macintosh System folder.

       Verify that Owner, Group and Everyone can See Folder and See Files
       on the Folder named System. Click "Save"

    b) For the "Users" Folder, verify Owner and Group and Everyone can See
       Folders. DO NOT change all enclosed folders. Click "Save"

    c) The "users" folder's group should be Teacher

    d) For the Aristotle folder, verify that Owner, Group, and Everyone
       can See Folders and See Files. Owner and Group should be able make
       changes.

    e) The Aristotle folder's group should be Teacher. Change all enclosed
       folders. Click "Save"

18) Setting up the Startup application for each user

    a) A Student User should be set to Menu.D as Startup

    b) A Teacher User should be set to Menu.M as startup.

    c) Verify each group from the Startup Menu and select Verify startup.

Adding New Users

After installing Aristotle, new users that have been added to the Users and
Groups datafile will not appear in the User Menu of the Aristotle Menu
Management Program.

They will appear after performing these steps:

1) Select the name of user.

2) Select "Verify Apple II startup Information" from the "Startup" menu in
   the Administrator Program.

3) With Verification complete, open the Users Window in Aristotle (If
   already open, close and open again.).

If these three steps do not work, check privileges and make sure the user has
Teacher or Student assigned as a primary Group.

Article Change History:
16 Feb 1995 - Added heading for installation steps section.
03 Feb 1995 - Made corrections to AppleTalk references.
13 Jan 1995 - Made corrections to select file names appearing in article.

Support Information Services

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Keywords: <None>

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19960606 07:04:28.00

Tech Info Library Article Number: 13454