Apple II
Technical Notes

GS/OS
#1:   Contents of System Software Distribution Disks

This Technical Note describes the contents of the disks System.Disk and System.Tools and the minimum files necessary to boot GS/OS starting with System Software 5.0.
Changes since June 1992: Now describes System Software 6.0.3.
Changes since January 1991: Now describes System Software 6.0. Changed the title to not reflect disk names.

This Note gives a description of each of the files in the Apple IIGS System Software 6.0.3 package. This package includes six 3.5" disks (Install, SystemTools1, SystemTools2, Fonts, synthLAB and System.Disk), or a single-disk Live.Install. System Software 6.0.3 requires at least 1 MB of memory, and either one 3.5" drive and another storage device, or a storage interface such as the CFFA3000 or SPVHD capable of mounting multiple disk images or partitions. 2 MB of memory and a hard disk or other internal mass storage are highly recommended.

System.Disk is a pre-configured boot disk for floppy-based users. Because all the files on System.Disk appear on other disks in the 6.0.3 set, they are only listed and not described a second time.

Contents of Live.Install

Adv.Disk.Util	The Advanced Disk Utility program which allows for partitioning of SCSI hard disks, as well as erasing, initializing, and zeroing volumes or partitions.
AppleTalk	This directory contains additional AppleTalk files and utilities for AppleShare and AppleTalk.
Boot.Driver	A driver for AppleShare that GS/OS loads before the other drivers are loaded and which remains resident in memory after the boot process is finished. Installed on servers by the Installer script Server.Sys.File.
Display.0	An update to the Aristotle program installed by the "Aristotle.Patch" script.
QuickLogoff	An initialization file used to add a quick logoff feature to AppleShare.
Start	The AppleShare startup program which is installed instead of the standard Start program on AppleShare volumes. It allows the user to log on and then launches the server startup program for the user's machine.

Archiver	A GS/OS based backup and restore program.
BASIC.System	The ProDOS 8 BASIC command interpreter
CLOCK.PATCH	An AppleSoft BASIC application that will patch the ProDOS 8 ThunderClock driver to handle a new span of years.
Developers	This directory contains the customized Installer and script for the use of software developers.
Installer	The customized Installer application for software developers.
Scripts	Home to the customized Installer's Install script.
Install	The customized Install script for software developers.
Goodies	A directory with files that are only related to system software in the vaguest sense.
Apple.Bowl	A GS/OS conversion of an old Apple II bowling game.
Read.Me	Documentation on Apple Bowl.
Icons	The directory containing all the Finder's old-style icon files as well as new Desktop database files and file type descriptors.
FType.Apple	The file type names used by the Finder (on all systems).
Installer	The Apple IIGS Installer program. This program makes use of scripts found in the Scripts directory on this disk to install parts of the system, as well as third-party applications, without the user needing to copy individual files.
MIDI	The MIDI Control Panel. Lets you choose a MIDI driver.
ProDOS	Every file system boots differently; the boot blocks for ProDOS disks look for a file name ProDOS. This is that file. It is the GS/OS file system stub necessary to start the boot process.
Read.Me	Last-minute news and information about the System Software. Read with Teach.
Reference	A Teach document with the electronic manual for synthLAB.
Scripts	This directory contains all the scripts for the Installer. On launch, the Installer looks in its parent directory for the Scripts directory and the scripts it contains. It also reads `MessageCenter` message #1.
A2.RAMCard	Script to install the driver for the Apple II Memory Expansion Card (the slot-based, or "slinky" card).
Adv.Disk.Util	Script to install the Advanced Disk Utility program.
Apple.Bowl	Script to install the Apple Bowl game.
Apple.MIDI	Script to install the Apple MIDI Interface driver and tool set.
AppleDisk5.25	Script to install the 5.25" disk driver for GS/OS.
AppleShare	Script to install AppleShare.
AppleShare3.5	Script that creates an 800K or 1440K GS/OS startup disk which contains AppleShare.
Archiver	Script to install Archiver, the new GS/OS-based backup program.
Aristotle.Patch	Script to install a change to Aristotle for easier class transition.

ATImageWriter	Script to install the ImageWriter printer driver for the Print Manager, as well as the files necessary to work with AppleTalk.
ATImageWriterLQ	Script to install the ImageWriter LQ printer driver for the Print Manager, as well as the files necessary to work with AppleTalk.
Calculator	Script to install the Calculator new desk accessory.
Card6850.MIDI	Script to install the 6850-based MIDI Interface card driver.
CDROM	Script to install the High Sierra FST as well as the SCSI Manager and SCSI CD-ROM driver for GS/OS.
CloseView	Script to install the CloseView NDA, which makes the screen more legible to some visually-impaired users.
DCImageWriter	Script to install the ImageWriter printer driver for the Print Manager, as well as the files necessary to connect it to a serial port.
DCImageWriterLQ	Script to install the ImageWriter LQ printer driver for the Print Manager, as well as the files necessary to connect it to a serial port.
DOS3.3.FST	Script to install the read-only DOS 3.3 file system translator.
Easy.Access	Script to install the EasyAccess init, which provides sticky keys and keyboard mouse to ROM 1 users.
Epson	Script to install the Epson printer driver for the Print Manager, as well as the parallel card driver.
FindFile	Script to install the FindFile NDA, which finds files on volumes GS/OS can read.
Fonts	Script to install the minimum suggested font set.
Fonts.Max	Script to install all fonts provided with System 6.0.3.
Fonts.Std	Script to install the standard font set.
HFS.FST	Script to install the Hierarchical File System (HFS, used on the Macintosh) file system translator.
Inst.Sys.Min	Script to install a minimal GS/OS system on an 800K volume. Note that this is **different** than 5.0.x's "Inst.Sys.Min" script, the 6.0.3 version of which is in the file named "AppleShare3.5".
Inst.SysF.NoFin	Script to install a minimal GS/OS system, without the Finder, on a given destination volume.
Instal.Sys.File	Script to install a complete System Software 6.0.3 configuration, including new features, on a given destination volume.
LaserWriter	Script to install the LaserWriter printer driver for the Print Manager, as well as the files necessary to work with AppleTalk.
Local.Net.Boot	Script to create a 3.5" floppy disk with minimal system software that boots into a server selection program (the network "Start" program from SystemTools2).
MediaControl	Script to install the Media Control toolset and all Media Control drivers supplied with System 6.0.3.
MediaCtrl.CDSC	Script to install the Media Control toolset and the drivers to work with the Apple CD SC drive.

MediaCtrl.P2000	Script to install the Media Control toolset and the drivers to work with the Pioneer 2000 series laserdisc players.
MediaCtrl.P4200	Script to install the Media Control toolset and the drivers to work with the Pioneer 4200 series laserdisc players.
MSDOS.FST	Script to install the read-only MS-DOS file system translator.
Namer	Script to install the printer Namer Control Panel. Namer II (a ProDOS 8 application) is not included with System 6.0.3.
Pascal.FST	Script to install the read-only Apple II Pascal file system translator.
Quick.Logoff	Script to add a quick logoff feature to AppleShare.
RAM5	Script to install the RAM5 disk driver.
SCSI.Hard.Disk	Script to install the SCSI Manager and SCSI hard disk driver for GS/OS.
SCSI.Scanner	Script to install the SCSI Manager and SCSI scanner driver for GS/OS.
SCSI.Tape	Script to install the SCSI Manager and SCSI tape driver for GS/OS.
Server.Sys.File	Script to install System Software 6.0.3 on an AppleShare File Server.
Sounds.All	Script to install all sounds provided with System Software 6.0.3 into the "System:Sounds" folder of the designated volume.
StyleWriter	Script to install the StyleWriter printer driver for the Print Manager, as well as the files necessary to connect it to a serial port.
synthLAB	Script to install the application synthLAB, which plays synthesized music files, and a set of sample sequences and instruments.
Teach	Script to install the application Teach, which displays and edits Teach files, text files, AppleWorks files, MacWrite files and Installer scripts.
UniDisk3.5	Script to install the UniDisk 3.5 driver for GS/OS.
VideoKeyboard	Script to install the Video Keyboard new desk accessory, which allows users to type by using the pointing device instead of the keyboard.
VideoMix	Script to install the latest versions of the Apple II VideoMix software and tools.
Seq.and.Instr	A directory containing demonstration sequences (files that end in ".seq"), wave forms (files that end in ".wav") and sound banks (files that end in ".bnk") for use with synthLAB and MIDI Synth. The files are only listed; their sound is not described here.
Synth.bnk	
Synth.seq	
Synth.wav	
Bee.seq	
Capri.seq	
Combo.bnk	
Combo.wav	
Demo.bnk	
Demo.wav	

        Fugue.seq
        Midsummer.seq
        Orch.bnk
        Orch.wav
        Piano.bnk
        Piano.wav
        Rhythm.seq
        Sonata.seq

Shortcuts	A Teach file with time-saving system tips and information.
synthLAB	The synthLAB application, a demonstration sequencer for the MIDI Synth toolset.
System	The directory containing most of the GS/OS files.
CDevs	The directory containing a set of Apple IIGS Control Panel Devices (CDevs) useful in the Live.Install environment.
AppleShare	Allows users to choose and log onto AppleShare file servers.
DirectConnect	Allows selection of direct-connected printers.
FolderPriv	Allows users to set default folder privileges on AppleShare file server volumes.
General	Allows setting of general system parameters.
Keyboard	Sets keyboard parameters.
MediaControl	Allows users to set up the Media Control tool set and the drivers they wish to use.
Modem	Controls modem port settings.
Monitor	Sets 40-column or 80-column mode, monochrome or color mode, and the color of text, text background, and borders.
Namer	Allows users to rename AppleTalk-based ImageWriter, ImageWriter LQ and LaserWriter printers.
NetPrinter	Allows users to choose AppleTalk-based ImageWriter, ImageWriter LQ and LaserWriter printers.
Printer	Controls printer port settings.
RAM	Controls the size of the RAM disk and the GS/OS Disk Cache.
SetStart	Lets you choose which application to boot into.
Slots	Allows selection of slot settings and startup slot.
Sound	Sets user preference for sound pitch and volume. Also allows the user to assign digitized sounds to events that happen while using the computer.
Time	Sets the internal clock's time and display format and optionally tracks Daylight Savings Time.
Desk.Accs	The directory containing all the classic and new desk accessory files to be loaded at boot time.
Calculator	A calculator new desk accessory.
CDRemote	An updated version of the CD Remote new desk accessory which ships with the AppleCD SC.
ControlPanel	The New Desk Accessory which allows users to control almost all system parameters and choose printers and file servers.

	FindFile	A new desk accessory that finds files on volumes GS/OS can read.
	MediaControl	A new desk accessory that's like a "super" remote control for all devices the Media Control toolset can control.
	VideoKeyboard	A new desk accessory that allows users to type with the pointing device instead of with the keyboard.
	VideoMix	An updated version of the VideoMix new desk accessory which
Drivers		The directory containing all device drivers needed by GS/OS and the Toolbox (including the Print Manager and MIDI Tools).
	A2.RAMCard	The GS/OS driver for slot-based memory expansion cards. This driver is not required to use these cards with GS/OS, but it does provide a substantial speed improvement.
	Apple.MIDI	The Apple MIDI Interface driver for the MIDI Tools.
	AppleDisk3.5	The Apple 3.5 Drive device driver for GS/OS. Also drives SuperDrives connected to the Apple II SuperDrive interface card.
	AppleDisk5.25	The driver for Apple 5.25" disk drives, including Disk II drives and Apple UniDisk 5.25 drives. This driver is required for GS/OS to recognize 5.25" disk drives.
	AppleTalk	The AppleTalk port driver for the Print Manager. It works with either serial port when configured for AppleTalk.
	ATalk	The main AppleTalk GS/OS driver.
	ATP1.ATROM	AppleTalk protocols to patch the IIGS ROM.
	ATP2.ATRAM	AppleTalk protocols not in ROM.
	Card6850.MIDI	The driver for 6850-based MIDI interface cards for the MIDI Tools.
	Console.Driver	The text screen and keyboard device driver for GS/OS.
	Epson	The Epson® printer driver for the Print Manager.
	ImageWriter	The ImageWriter driver for the Print Manager.
	ImageWriter.LQ	The ImageWriter LQ driver for the Print Manager. Starting with System Software 5.0.3, this driver uses all the capabilities of the ImageWriter LQ.
	IWEM	PostScript® program which allows a LaserWriter emulate an ImageWriter. A user can load it into the LaserWriter with the LaserWriter Control Panel, and it is automatically invoked when printing through the slot associated with AppleTalk.
	LaserWriter	The LaserWriter driver for the Print Manager. This driver works with any LaserWriter with PostScript. It does not work with the LaserWriter IISC or Personal LaserWriter LS. This driver doesn't always print color patterns correctly to PostScript Level 2 printers, such as the LaserWriter IIf, LaserWriter IIg or Personal LaserWriter NTR.
	Media.Control	Drivers for the Media Control toolset
	AppleCDSC	Media Control driver for the Apple CD SC drive.
	Pioneer2000	Media Control driver for the Pioneer 2000 series of laserdisc players.

	Pioneer4000	Media Control driver for the Pioneer 4000 series of laserdisc players.
	Modem	The modem port driver for the Print Manager.
	Parallel.Card	A driver for some parallel printer interface cards for the Print Manager. This driver works with the Apple Parallel Interface Card, as well as several other parallel interface cards.
	Printer	The printer port driver for the Print Manager.
	RAM5	The GS/OS driver for a RAM disk using system memory.
	SCC.Manager	The GS/OS supervisory driver that arbitrates hardware-level usage of the serial communications controller in the Apple IIGS.
	SCSI.Manager	The GS/OS SCSI Manager, the supervisory driver that arbitrates hardware-level usage of Apple's Apple II SCSI cards.
	SCSICD.Driver	The GS/OS driver for the AppleCD SC drive. This driver is required for GS/OS to recognize CD-ROM drives.
	SCSIHD.Driver	The GS/OS driver for SCSI hard disks. This driver is required for GS/OS to recognize SCSI hard disks.
	SCSIScan.Driver	The GS/OS driver for the Apple Scanner or OneScanner. This driver is required for GS/OS to recognize Apple's scanners.
	SCSITape.Driver	The GS/OS driver for the Apple Tape Backup 40SC. This driver is required for GS/OS to recognize Apple's now-discontinued Tape Backup 40 SC.
	StyleWriter	The StyleWriter driver for the Print Manager.
	UniDisk3.5	The GS/OS driver for UniDisk 3.5 drives. This driver is required for proper operation of UniDisk 3.5 drives. Using the UniDisk with GS/OS without this driver eventually corrupts media.
Error.Msg		A compiled file containing all error messages required by GS/OS. This file is separate from the GS.OS file to provide easier support for localization.
Finder		The Apple IIGS Finder, version 6.0.3.
FinderExtras		Directory to contain extensions to the Finder's functionality.
Fonts		The directory containing all system fonts to be used.
	Courier.09	9-point Courier font.
	Courier.10	10-point Courier font.
	Courier.12	12-point Courier font.
	Courier.14	14-point Courier font.
	Courier.18	18-point Courier font.
	Courier.20	20-point Courier font.
	Courier.24	24-point Courier font.
	Courier.27	27-point Courier font.
	Courier.28	28-point Courier font.
	Courier.30	30-point Courier font.
	Courier.36	36-point Courier font.
	Courier.42	42-point Courier font.
	FastFont	This makes Shaston 8 text drawing much faster.
	Font.Lists	A file used internally by Font Manager to track installed fonts.
	Geneva.10	10-point Geneva font.

	Geneva.12	12-point Geneva font.
	Geneva.14	14-point Geneva font.
	Geneva.16	16-point Geneva font.
	Geneva.18	18-point Geneva font.
	Geneva.20	20-point Geneva font.
	Geneva.24	24-point Geneva font.
	Helvetica.9	9-point Helvetica font.
	Helvetica.10	10-point Helvetica font.
	Helvetica.12	12-point Helvetica font.
	Helvetica.14	14-point Helvetica font.
	Helvetica.18	18-point Helvetica font.
	Helvetica.20	20-point Helvetica font.
	Helvetica.24	24-point Helvetica font.
	Helvetica.27	27-point Helvetica font.
	Helvetica.28	28-point Helvetica font.
	Helvetica.30	30-point Helvetica font.
	Helvetica.36	36-point Helvetica font.
	Helvetica.42	42-point Helvetica font.
	Helvetica.48	48-point Helvetica font.
	Helvetica.60	60-point Helvetica font.
	Helvetica.72	72-point Helvetica font.
	Helvetica.96	96-point Helvetica font.
	Shaston.16	16-point Shaston font.
	Times.09	9-point Times font.
	Times.10	10-point Times font.
	Times.12	12-point Times font.
	Times.14	14-point Times font.
	Times.18	18-point Times font.
	Times.20	20-point Times font.
	Times.24	24-point Times font.
	Times.27	27-point Times font.
	Times.28	28-point Times font.
	Times.30	30-point Times font.
	Times.36	36-point Times font.
	Times.42	42-point Times font.
	Times.48	48-point Times font.
	Times.60	60-point Times font.
	Times.72	72-point Times font.
	Times.96	96-point Times font.
	Venice.12	12-point Venice font.
	Venice.14	14-point Venice font.
	Venice.24	24-point Venice font.
FSTs		The directory containing the file system translators to be loaded at boot time.
	AppleShare.FST	The AppleShare FST which allows GS/OS to access AppleShare file servers.
	Char.FST	The character device FST.
	DOS.3.3.FST	The DOS 3.3 FST, which allows GS/OS to access 5.25" disks formatted in DOS 3.3 format. This FST is read-only; it only performs read operations.
	HFS.FST	The HFS FST, which allows GS/OS to read and write any disk in the Macintosh's HFS format.
	HS.FST	The High Sierra FST, which allows GS/OS to access CD-ROM discs formatted in the international

		standard High Sierra or ISO 9660 formats. This FST is read-only; it only performs read operations.
	MSDOS.FST	The MS-DOS FST, which allows GS/OS to access any disk formatted in the MS-DOS's FAT12 format. This FST is read-only; it only performs read operations.
	Pascal.FST	The Apple II Pascal FST, which allows GS/OS to access any disk formatted in Apple II Pascal format. This FST is read-only; it only performs read operations.
	Pro.FST	The ProDOS FST.
GS.OS		The remainder of GS/OS.
GS.OS.Dev		The GS/OS Device Manager and associated core routines. Separate from GS.OS for speed reasons.
P8		The ProDOS 8 operating system.
Sounds		A folder with sounds provided for the new Sound Control Panel. The file names are fairly self-explanatory; the sounds are not described here.
	Ahh	
	Doorbell	
	Droplet	
	Eastern	
	Frog	
	PipeOrgan	
	Quack	
	SimpleBeep	
	Sosumi	
	Swish	
	Trumpets	
	Whoosh	
Start		The boot program. If this file exists, GS/OS always launches it upon booting. Under 6.0.3, this program usually reads the SetStart.data file and launches the indicated application.
Start.GS.OS		The file containing the `GLoader` and `GQuit` routines. It loads the files GS.OS and GS.OS.Dev, which contain the rest of the operating system.
System.Setup		The directory containing all the initialization files to be executed at boot time.
	AppleIIVOC	An initialization file used by the Apple IIGS Video Overlay Card tool set.
	ATInit	The AppleTalk initialization file.
	ATResponder	The AppleTalk Responder, used for AppleTalk network management.
	CloseView	A new desk accessory (installed by an init) that magnifies the screen to make it more visible to some users with visual impairments.
	EasyAccess	An initialization file that brings Sticky Keys and Keyboard Mouse to ROM 1 users.
	EasyMount	An initialization file that creates file server aliases in the Finder.
	Resource.Mgr	The Resource Manager. This is an initialization file; the design of the Resource Manager requires it to be present even when an application has not specifically

		loaded it. The system does not boot if this file is not present.
	Sys.Resources	A file containing system resources, available to the system software and to applications.
	Tool.Setup	A required file that loads files which contain all the patches to tools in ROM for ROM levels 01 (TS2) and 03 (TS3). Tool.Setup would attempt to load TS1 if executed on a machine with ROM level 00, but GS/OS does not boot on such a machine, therefore, TS1 is not included. Tool.Setup also contains patches common to both ROM 1 and ROM 3.
	TS2	Patches to ROM tools for ROM 1.
	TS3	Patches to ROM tools for ROM 3.
Tools		The directory containing tool files for all tools not in ROM.
	Tool014	Window Manager .
	Tool015	Menu Manager.
	Tool016	Control Manager.
	Tool018	QuickDraw Auxiliary.
	Tool019	Print Manager.
	Tool020	LineEdit.
	Tool021	Dialog Manager.
	Tool022	Scrap Manager.
	Tool023	Standard File.
	Tool025	Note Synthesizer.
	Tool026	Note Sequencer.
	Tool027	Font Manager.
	Tool028	List Manager.
	Tool029	ACE Tools.
	Tool032	MIDI Tools.
	Tool033	VideoMix toolset (for the Video Overlay Card).
	Tool034	TextEdit.
	Tool038	Media Control toolset.
Teach		A simple editor that uses TextEdit to display and edit text files, Teach files, Installer scripts and AppleWorks and MacWrite documents.
Tool035		MIDI Synth toolset.
Wharts.New		A Teach file that describes the new features in System Software 6.0.3.

Contents of Install

Files are only listed here; they are described earlier in this Note where they first appeared.

Icons
        FType.Apple
Installer
ProDOS
Scripts
        A2.RAMCard
        Adv.Disk.Util
        Apple.Bowl
        Apple.MIDI
        AppleDisk5.25
        AppleShare
        AppleShare3.5
        Archiver
        Aristotle.Patch
        ATImageWriter
        ATImageWriterLQ
        Calculator
        Card6850.MIDI
        CDROM
        CloseView
        DCImageWriter
        DCImageWriterLQ
        DOS3.3.FST
        Easy.Access
        Epson
        FindFile
        Fonts
        Fonts.Max
        Fonts.Std
        HFS.FST
        Inst.Sys.Min
        Inst.Sys.NoFin
        Instal.Sys.File
        LaserWriter
        Local.Net.Boot
        MediaControl
        MediaCtrl.CDSC
        MediaCtrl.P2000
        MediaCtrl.P4200
        MSDOS.FST
        Namer
        Pascal.FST
        Quick.Logoff
        RAM5
        SCSI.Hard.Disk
        SCSI.Scanner
        SCSI.Tape
        Server.Sys.File
        Sounds.All
        StyleWriter

   synthLAB
   Teach
   UniDisk3.5
   VideoKeyboard
   VideoMix
System
  CDevs
     General
     RAM
     SetStart
  Desk.Accs
     ControlPanel
  Drivers
     AppleDisk3.5
     AppleDisk5.25
     Console.Driver
     SCSI.Manager
     SCSIHD.Manager
     UniDisk3.5
  Error.Msg
  Fonts
     FastFont
     Font.Lists
  FSTs
     Char.FST
     Pro.FST
  GS.OS
  GS.OS.Dev
  P8
  SetStart.data
  Start
  Start.GS.OS
  System.Setup
     Resource.Mgr
     Sys.Resources
     Tool.Setup
     TS2
     TS3
  Tools
     Tool014
     Tool015
     Tool016
     Tool018
     Tool019
     Tool020
     Tool021
     Tool022
     Tool023
     Tool027
     Tool028
     Tool034

Contents of SystemTools1

Files are only listed here; they are described earlier in this Note where they first appeared.

Adv.Disk.Util
Icons
System
        CDevs
                DirectConnect
                Keyboard
                Modem
                Monitor
                Printer
                Slots
                Sound
                Time
        Desk.Accs
                Calculator
                CDRemote
                FindFile
        Drivers
                A2.RAMCard
                Apple.Midi
                Card6850.MIDI
                Epson
                ImageWriter
                ImageWriter.LQ
                Modem
                Parallel.Card
                Printer
                RAM5
                SCSI.Manager
                SCSICD.Driver
                SCSiScan.Driver
                SCSITape.Driver
                StyleWriter
        Finder
        Fonts
                Courier.09
                Courier.10
                Courier.12
                Courier.14
                Courier.18
                Courier.20
                Courier.24
                Geneva.10
                Geneva.12
                Geneva.14
                Geneva.16
                Geneva.18
                Geneva.20
                Geneva.24
                Helvetica.09
                Helvetica.10

Helvetica.12
Helvetica.14
Helvetica.18
Helvetica.20
Helvetica.24
Shaston.16
Times.09
Times.10
Times.12
Times.14
Times.18
Times.20
Times.24
Venice.12
Venice.14
Venice.24
FSTs
DOS3.3.FST
HFS.FST
HS.FST
MSDOS.FST
Pascal.FST
Tools
Tool025
Tool026
Tool029
Tool032

Contents of SystemTools2

Files are only listed here; they are described earlier in this Note where they first appeared.

AppleTalk
    Boot.Driver
    Display.0
    QuickLogoff
    Start
Archiver
CLOCK.PATCH
Icons
Read.Me
Shortcuts
System
    CDevs
        AppleShare
        FolderPriv
        MediaControl
        Namer
        NetPrinter
        Network
    Desk.Accs
        MediaControl
        VideoKeyboard
        VideoMiz
    Drivers
        AppleTalk
        ATalk
        ATP1.ATROM
        ATP2.ATRAM
        IWEM
        LaserWriter
        Media.Control
            AppleCDSC
            Pioneer2000
            Pioneer4200
        SCC.Manager
    Fonts
    FSTs
        AppleShare.FST
    Sounds
        Ahh
        Doorbell
        Droplet
        Eastern
        Frog
        PipeOrgan
        Quack
        SimpleBeep
        Sosumi
        Swish
        Trumpets
        Whoosh

System.Setup
    AppleIIVOC
    ATInit
    ATResponder
    CloseView
    EasyAccess
    EasyMount
Tools
    Tool033
    Tool038
Teach
Whats.New

Contents of Fonts

Files are only listed here; they are described earlier in this Note where they first appeared.

Goodies
 Apple.Bowl
 Read.Me
Icons
 AppleBowl.Icon
System
 Fonts
  Courier.27
  Courier.28
  Courier.30
  Courier.36
  Courier.42
  Helvetica.27
  Helvetica.28
  Helvetica.30
  Helvetica.36
  Helvetica.42
  Helvetica.48
  Helvetica.60
  Helvetica.72
  Helvetica.96
  Times.27
  Times.28
  Times.30
  Times.36
  Times.42
  Times.48
  Times.60
  Times.72
  Times.96

Contents of synthLAB

Files are only listed here; they are described earlier in this Note where they first appeared.

BASIC.System
Icons
        SL.Icons
MIDI
Reference
Seq.and.Instr
        Synth.bnk
        Synth.seq
        Synth.wav
        Bee.seq
        Capri.seq
        Combo.bnk
        Combo.wav
        Demo.bnk
        Demo.wav
        Fugue.seq
        Midsummer.seq
        Orch.bnk
        Orch.wav
        Piano.bnk
        Piano.wav
        Rhythm.seq
        Sonata.seq
synthLAB
Tool035

Contents of System.Disk

Files are only listed here; they are described earlier in this Note where they first appeared.

```
BASIC.System
Icons
        Ftype.Apple
System
        CDevs
                Printer
                Time
        Desk.Accs
                ControlPanel
        Drivers
                AppleDisk3.5
                AppleDisk5.25
                Console.Driver
        Error.Msg
        Fonts
        FSTs
                Char.FST
                Pro.FST
        GS.OS
        GS.OS.Dev
        P8
        Start           This is the Finder, not the SetStart program or the AppleShare program.
        Start.GS.OS
        System.Setup
                Resource.Mgr
                Sys.Resources
                Tool.Setup
                TS2
                TS3
        Tools
                Tool014
                Tool015
                Tool016
                Tool018
                Tool019
                Tool020
                Tool021
                Tool022
                Tool023
                Tool025
                Tool027
                Tool028
                Tool034
```

Minimum GS/OS System Disk Requirements

The following files are required for GS/OS to boot from a local disk. This list does not address files needed by the Finder or the IIGS Toolbox. Those files only required in certain circumstances are noted as such. Those files that may be excluded **only** when disk space or memory limitations make it **absolutely** necessary are marked with asterisks (*).

ProDOS
System
    Start.GS.OS
    GS.OS
    GS.OS.Dev
    Error.Msg
    FSTs

Pro.FST	
*HS.FST	Required for High Sierra or ISO 9660 discs.
Char.FST	
*AppleShare.FST	Required to use AppleShare file servers
*DOS3.3.FST	Required to use DOS 3.3 disks
*Pascal.FST	Required to use Apple II Pascal disks
*HFS.FST	Required to use HFS disks

    Drivers

*AppleDisk3.5	Required for Apple 3.5 Drives or SuperDrives.
*AppleDisk5.25	Required for 5.25" drives.
*UniDisk3.5	Required for UniDisk 3.5 drives.
*SCSI.Manager	Required for SCSI devices.
*SCSIHD.Driver	Required for SCSI hard disks.
*SCSICD.Driver	Required for AppleCD SC drives.
*SCSIScan.Driver	Required for Apple scanners.
*SCSITape.Driver	Required for Apple Tape backup.
Console.Driver	
*ATalk	Required for AppleTalk (including AppleShare).
*ATP1.ATROM	Required for AppleTalk (including AppleShare).
*ATP2.ATRAM	Required for AppleTalk (including AppleShare).
*SCC.Manager	Required for AppleTalk (including AppleShare).

    System.Setup
        Tool.Setup
        TS2
        TS3
        Resource.Mgr
        Sys.Resources
    CDevs

*AppleShare	Required for selecting AppleShare file servers.
*NetPrinter	Required for choosing printers.
*DirectConnect	Required for choosing printers.
*General	
*RAM	Should **always** be included if space allows. Provides the only way to set the size of the GS/OS Disk Cache.
Desk.Accs	Required for desk accessories; any desk accessories should be installed in this directory.
*ControlPanel	Required if you ship any Control Panels (CDevs).
*Start	Must be present for GS/OS to boot or some other file that GS/OS can boot into must be present in its place.

Tools	Required for any of the RAM-based tools; any RAM-based tools should be installed in this directory.
Fonts	Required for the Font Manager.
*FastFont	This makes Shaston 8 text drawing much faster and should be included unless absolutely impossible.
*P8	Required for ProDOS 8.
*BASIC.System	Required for AppleSoft BASIC.

Further Reference

- *GS/OS Reference*
- Apple IIGS Technical Note #100, VersionVille

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