

OS39FAQ

Gregory Donner

Copyright © OS39FAQ.guide2000-2001 by Gregory Donner

COLLABORATORS

	<i>TITLE :</i> OS39FAQ		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Gregory Donner	July 31, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	OS39FAQ	1
1.1	OS 3.9 FAQ	1
1.2	About	2
1.3	Introduction	2
1.4	Abbreviations	3
1.5	Section 1: Installation Tips	3
1.6	tip1.0	4
1.7	tip1.1	4
1.8	tip1.2	5
1.9	tip1.3	5
1.10	tip1.4	5
1.11	tip1.5	6
1.12	tip1.6	6
1.13	tip1.7	6
1.14	tip1.8	6
1.15	tip1.9	6
1.16	tip1.10	6
1.17	tip1.11	7
1.18	tip1.12	8
1.19	tip1.13	8
1.20	tip1.14	8
1.21	tip1.15	8
1.22	tip1.16	9
1.23	tip1.17	9
1.24	tip1.18	9
1.25	tip1.19	9
1.26	tip1.20	10
1.27	Section 2: Icon Operation	11
1.28	section2.0	11
1.29	section2.1	11

1.30	Section 3: Compatibility	12
1.31	section3.0	12
1.32	section3.1	12
1.33	section3.2	13
1.34	section3.3	13
1.35	section3.4	13
1.36	section3.5	14
1.37	section3.6	14
1.38	section3.7	14
1.39	section3.8	14
1.40	section3.9	15
1.41	section3.10	15
1.42	section3.11	16
1.43	section3.12	16
1.44	section3.13	16
1.45	Section 4: Disk & File Operation	16
1.46	section4.0	16
1.47	section4.1	17
1.48	section4.2	17
1.49	Section 5: Internet Applications	17
1.50	section5.0	17
1.51	section5.1	18
1.52	section5.2	18
1.53	Section 6: Keyboard Shortcuts	18
1.54	section6.0	18
1.55	section6.1	20
1.56	Section 7: Undocumented Features	20
1.57	section7.0	20
1.58	section7.1	21
1.59	section7.2	21
1.60	section7.3	21
1.61	section7.4	21
1.62	section7.5	22
1.63	section7.6	22
1.64	Section 8: 3rd Party Utilities	22
1.65	section8.0	22
1.66	Section 9: Miscellaneous	22
1.67	section9.0	23
1.68	section9.1	23

1.69	section9.2	23
1.70	section9.3	23
1.71	section9.4	24
1.72	section9.5	24
1.73	section9.6	24
1.74	section9.7	24
1.75	section9.8	24
1.76	section9.9	25
1.77	section9.10	25
1.78	section9.11	25
1.79	Section 10: Known Bugs	25
1.80	section10.1	26
1.81	section10.2	26
1.82	section10.3	26
1.83	section10.4	26
1.84	section10.5	26
1.85	section10.6	27
1.86	section10.7	27
1.87	section10.8	27
1.88	Disclaimer	27

OS39FAQ

[illegible]

8. 3rd Party Utilities

9. Miscellaneous

10. Known Bugs

Disclaimer

This AmigaGuide database uses v40/v44 commands. It will look strange on old v34, v37, v38 and v39 systems. We decided to use these commands as OS 3.5 requires a 3.1 ROM anyway (which means you will have v40 at least), and most of the entries in the FAQ are for actual users of OS 3.9, not for possible users.

Of course it also shows off what's possible with AmigaGuide databases (try resizing your MultiView window now :-)

1.2 About

About

This FAQ is meant to provide answers to frequent questions regarding OS 3.9 and its usage. I welcome all suggestions/feedback to this AmigaGuide. Constructive criticism is also accepted.

Please note, however, that due to the large amount of e-mail I receive daily from the OS 3.5 & 3.9 mailing lists, as well as direct e-mail, I may not always be able to add as many entries as some would like. These pages are intended as a means of answering the most common questions or those pertinent to most OS 3.9 users.

OS 3.9 FAQ (AmigaGuide & HTML versions) by Gregory Donner: <gregdonner@earthlink.net>. "Official" title used by permission from Haage & Partner/Amiga Inc.

Authors who asked questions or provided answers that were the basis for an entry in the FAQ are credited at the end of the entry.

Official translations of this FAQ are available:

German ... <http://www.haage-partner.de/aos39/faq/os39faq.html>

French ... <http://www.amedia-software.com/os3.9/introduction.html>

1.3 Introduction

Introduction

The past has shown that there are literally hundreds of questions that could be formed to get the answers below. Some of the questions have never actually been asked; they're "invented" to fit the Q+A style of the FAQ. If you're looking for advice and have a specific question which you don't find in the list below, please read the entire FAQ anyway (and especially the answers!). It's possible you'll find an answer to your problem even if it appears that it's not directly covered by the questions formed in this FAQ; thanks! If you still have questions, don't hesitate to subscribe to the list and ask there!

If you're looking for advice, and have a specific question that you don't find in this FAQ, please read the entire FAQ anyway (especially the answers). It's possible you'll find an answer to your problem even if it appears that it's not directly covered by the questions formed in this FAQ.

Unofficial OS 3.9 Mailing List information

How to join & post to the UnOfficial OS 3.9 Mailing List:

To subscribe, send an e-mail message to: AmigaOS39-subscribe@yahoogroups.com

To unsubscribe, send an e-mail message to: AmigaOS39-unsubscribe@yahoogroups.com

To post messages to this list after subscribing, send e-mail messages to: AmigaOS39@yahoogroups.com

Please note that I am not the owner of the list, and therefore have no control of the mailing list whatsoever.

Support and Registration

Technical support and registration information for OS 3.9 is available from: <http://www.amiga.com/3.9/support.shtml>

Have a suggestion for OS 3.9?

If you want to make a suggestion to improve AmigaOS 3.9 you can send an e-mail message to the following address: ami-gaos39@amiga.com (please use the subject "AmigaOS 3.9 Suggestion").

1.4 Abbreviations

Abbreviations

S-S = Startup-Sequence. A batchfile in S: that is executed when you boot your Amiga the normal way. You shouldn't make changes to this file until it is really necessary. Put your own additions to...

U-S = User-Startup. Another batchfile in S: which contains additions, either by the user or some installer script, to the S-S. If it exists, it is automatically run by S-S.

W-S = WBStartup. A drawer on SYS: where "autostart" files reside. Those are ran when the Workbench is first loaded.

RTG = ReTargetable Graphics. Usually a software driver kit for a graphic chipset--mostly for graphic cards, but not necessarily (There's a CyberGraphX v3 AGA driver set for PowerPC Amigas [thanks Tony]).

P96 = Picasso96. Shareware RTG software kit

CGX = CyberGraphX. Commercial RTG software kit, v3 free, v4 commercial [Robert Reiswig]

HDD = Hard Disk Drive.

RDB = Rigid Disk Block. The first few blocks of a HDD which contain the vital information for it; e.g. partition(s), filesystem(s).

NSD = New Style Device. See FAQ entry below for details.

FFS = Fast File System. The standard Amiga filesystem. The OS 3.5 version is v45.

Note: "TD64" FFS v44 is a patched v40 and is not an official update. [Heinz Wrobel]

PFS = Professional File System. A commercial third party filesystem, not compatible with FFS.

SFS = Smart File System. A freeware third party filesystem, not compatible with FFS.

1.5 Section 1: Installation Tips

Section 1: Installation Tips

Tip 1.0 After installation, I have SetPatch v44.13 in my C: directory. Is this the latest version of SetPatch? [fixed in OS 3.9 SE CD]

Tip 1.1 After installation, I have FastFileSystem v45.1 in my L: directory. Is this the latest version of FastFileSystem? [fixed in OS 3.9 SE CD]

Tip 1.2 Font loading in my Font Prefs editor seems to be as slow as ever. Was the font cache properly installed and activated during installation? [fixed in OS 3.9 SE CD]

Tip 1.3 Have the printer drivers been updated since the OS 3.5 Boing Bag 1 release? [bad drivers removed in OS 3.9 SE CD]

Tip 1.4 What should I know about running third-party patches and installing OS 3.9?

Tip 1.5 I own a SurfSquirrel SCSI; are there any special steps to follow when installing OS 3.9? [fixed in OS 3.9 SE CD]

Tip 1.6 Are there any compatibility issues with Directory Opus Magellan-II?

Tip 1.7 After installation, double-clicking an executable file with a default tool icon returns a "No default icon" error requester. Why? [fixed in BB1]

Tip 1.8 Where are the icons for the commodity files? They were not copied during installation. [fixed in OS 3.9 SE CD]

Tip 1.9 Do I still need the AslPrefs patch file in WBStartup or called from S:Startup-Sequence / S:User-Startup?

Tip 1.10 "scsi.device" from DEVS:AmigaOS ROM Update is installed unnecessarily, which erroneously overwrites some third-party controller software calling itself "scsi.device". Is there a workaround until a fix is released in Boing Bag 1?

Tip 1.11 Some special controller software is neither copied to the Emergency-Disk, nor to the installed AmigaOS 3.9 system. Is there a workaround until a fix is released in Boing Bag 1? [fixed in BB1]

Tip 1.12 Regarding 4GB problems, some drivers are either not being taken care of, or the solution is overkill. Is there a workaround until a fix is released in Boing Bag 1? [fixed in BB1]

Tip 1.13 There are two files in OS 3.5's Boing Bag 2a newer than what's on the OS 3.9 CD. Can (or should) I use these with OS 3.9? [fixed in BB1]

Tip 1.14 AmiDock crashes with a "00000004" guru on my A4000T when I try to boot up from the pre-installation Emergency disk (Workbench is ghosted, and my system is unusable). Why?

Tip 1.15 The installer appears to create the Emergency Disk OK, but when I boot, it opens a screen that I cannot use with my monitor (I use an SVGA monitor and Productivity Mode (640x480)). No matter what I do, I cannot get the boot disk setup so that Productivity Mode is loaded. Why?

Tip 1.16 I've noticed that the copy of OS 3.9 I bought recently is a revised AmigaOS 3.9 CD-ROM. How does it differ from the original CD?

Tip 1.17 How can I get a Jaz or Zip drive to mount from my Emergency Disk (in case I want to restore a backup quickly after a hard drive crash)?

Tip 1.18 I've encountered script errors during installation; what's causing this?

Tip 1.19 On bootup, I get the following error message: "Cannot open resource.library, version 44, unable to load AmiDock". I have the correct version of resource.library installed, and AmiDock exists in SYS:WBStartup. Why does this appear, and how do I eliminate this error?

Tip 1.20 Why was a new section added to the beginning of Startup-Sequence v45.4 (consisting primarily of SCSIUpdate commands)? Are there options other than a "0" in the "Set SCSIUpdate 0" line? (i.e. what would a 1 or a 2 do?)

1.6 tip1.0

Q: After installation, I have SetPatch v44.13 in my C: directory. Is this the latest version of SetPatch? [fixed in OS 3.9 SE CD]

A: No. The latest version of SetPatch on the 3.9 CD (v44.16) is not copied to your hard drive during installation, and needs to be copied manually. There are five copies of SetPatch on the CD, so you'll want to copy the last entry listed in bold:

AmigaOS3.9:OS-Version3.9/First-Install/c/SetPatch ... 44.2 (04.10.99)

AmigaOS3.9:Emergency-Boot/C/SetPatch ... 44.13 (05.03.00)

AmigaOS3.9:OS-Version3.9/Workbench3.5/C/SetPatch ... 44.13 (05.03.00)

AmigaOS3.9:OS-Version3.9/Workbench3.9/C/SetPatch ... 44.13 (05.03.00)

AmigaOS3.9:OS-Version3.9/Emergency-Disk/C/SetPatch ... 44.16 (15.09.00)

As Stephen Rupprecht pointed out, you should always use the latest version of SetPatch available. [Albrecht Kinzkofer]

1.7 tip1.1

Q: After installation, I have FastFileSystem v45.1 in my L: directory. Is this the latest version of FastFileSystem? [fixed in OS 3.9 SE CD]

A: No. The latest version of FastFileSystem on the 3.9 CD (v45.9) is not copied to your hard drive's L: directory during installation, and needs to be copied manually. There are two copies of FastFileSystem on the CD, so you'll want to copy the second entry listed in bold:

AmigaOS3.9:Emergency-Boot/L/FastFileSystem ... 45.1 (09.10.99)

AmigaOS3.9:OS-Version3.9/L/FastFileSystem ... 45.9 (09.03.00)

Please note that you also need to update all other fixed or removable FFS-installed drives with this latest version. Here's how to do it:

1. Make sure that the tooltype "ASKDEVICE=YES" is entered in the latest version of HDToolBox (44.23).
2. Run HDToolBox, and select the FFS-installed device that you want to update, and click on "OK".
3. Select the entry that you want to update from the "Hard Drives in System" window, and click on "Partition Drive".
4. Click the "Add/Update" button in the bottom right corner.
5. Select the old FileSystem entry (should be version 45.1), and click on the "Update File System" button at the bottom right corner.
6. Select the new FastFileSystem file from your L: directory, click "Load" on the file requester, and then the "OK" button at the bottom left corner.
7. Click "Save" in the bottom left corner.
8. Click the "Exit" button in the bottom middle of the window.
9. Your FastFileSystem is now updated.

1.8 tip1.2

Q: Font loading in my Font Prefs editor seems to be as slow as ever. Was the font cache properly installed and activated during installation? [fixed in OS 3.9 SE CD]

A: No. Type the following from a Shell window to activate the Fonts cache:

1. mkdir FONTS:_Cache
2. setenv ENVARC:diskfont "cache=yes"

Reboot, and you're all done. Thomas Richter adds: "The first font requester or the next FixFonts will create the cache. This first call will be as slow as it used to be since the cache does then not yet exist, but all following calls will make use of the cache."

Also ensure that you're not patching diskfont.library from MCP or any other software. [David Rey]

1.9 tip1.3

Q: Have the printer drivers been updated since the OS 3.5 Boing Bag 1 release? [bad drivers removed in OS 3.9 SE CD]

A: Not yet. Please note that there are two sets of printer drivers on the 3.9 CD:

The drivers in: AmigaOS3.9:Emergency-Boot/Devs/Printers/ are the original drivers from the OS 3.5 CD, and should work fine.

The drivers in: AmigaOS3.9:OS-Version3.9/Workbench3.9/Storage/Printers/ are from Boing Bag 1, and are known to be buggy.

1.10 tip1.4

Q: What should I know about running third-party patches and installing OS 3.9?

A: Before installation, disable or remove any and all patches. This includes MCP, and any non-essential entries (i.e. commands needed for your accelerator are OK) to S:Startup-Sequence and S:User-Startup. Remember to remove any patch programs from the SYS:WBStartup drawer as well. Before enabling your patches after installation, be sure that none of your patches are duplicating new functionality already built-into--or offered by--OS 3.9. Remember that WBCtrl, DefIcons, Asl-Prefs, and others are now integrated into the OS. You can get an idea of what new functions/features are included in 3.9 at <http://www.gregdonner.org/os39review/os39review.html>.

1.11 tip1.5

Q: I own a SurfSquirrel SCSI; are there any special steps to follow when installing OS 3.9? [fixed in OS 3.9 SE CD]

A: Yes. See entry 6 of the [Compatibility page](#).

1.12 tip1.6

Q: Are there any compatibility issues with Directory Opus Magellan-II?

A: Yes. First of all, for maximum compatibility, be sure you're using v5.82, and NOT running it in Workbench replacement mode. Directory Opus Magellan-II patches workbench.library in order to offer much of it's functionality. As soon as Directory Opus Magellan-II is run, Workbench automatically disables many of it's new features found in workbench.library v44 and higher (without this, Directory Opus wouldn't even run). As a result of this, AnimatedIcons will not work.

1.13 tip1.7

Q: After installation, double-clicking an executable file with a default tool icon returns a "No default icon" error requester. Why? [fixed in BB1]

A: The icon type is incorrectly set for SYS:Prefs/Env-Archive/sys/def_tool.info. Load this file into IconEdit (or RAWBInfo), and change it's type from "project" to "tool" and save it again. [Albrecht Kinzkofer]

1.14 tip1.8

Q: Where are the icons for the commodity files? They were not copied during installation. [fixed in OS 3.9 SE CD]

A: This was a mistake in the installation script--they are located in the AmigaOS3.9:OS-Version3.9/icons/ directory.

1.15 tip1.9

Q: Do I still need the AslPrefs patch file in WBStartup or called from S:Startup-Sequence / S:User-Startup?

A: No, it is no longer required with OS 3.9's new functionality. All you need is the "Asl" preferences editor (v45.6 or higher) from AmigaOS3.9:OS-Version3.9/Workbench3.9/Prefs/ in your SYS:Prefs directory.

1.16 tip1.10

Q: "scsi.device" from DEVS:AmigaOS ROM Update is installed unnecessarily, which erroneously overwrites some third-party controller software calling itself "scsi.device". Is there a workaround until a fix is released in Boing Bag 1?

A: Rename "DEVS:AmigaOS ROM Update" or put:

SetPatch SKIPROMUPDATES "scsi.device"

in "Emergency-Disk:S/Startup-Sequence"

(Controllers affected: Buddha, Catweazel IDE, FastATA, X-Surf IDE, IDEfix Express). [Martin Steigerwald]

1.17 tip1.11

Q: Some special controller software is neither copied to the Emergency-Disk, nor to the installed AmigaOS 3.9 system. Is there a workaround until a fix is released in Boing Bag 1? (Controllers affected: FastATA, GVP SCSI, SurfSquirrel, X-Surf IDE). [fixed in BB1]

A:

o Solution for IDEFix (Express):

o The following lines (in bold) should appear in your S:Startup-Sequence as follows:

SetPatch SKIPROMUPDATES "scsi.device"

o Change the entry "C:IDefix" to C:LoadIDE START QUIET

The necessary reset will be done automatically by SetPatch so the line

"C:LoadIDE RESET QUIET" is not needed.

o Solution for X-Surf IDE / GVP SCSI:

o Type the following from a Shell window:

MakeDir Emergency-Disk:Expansion

Copy CLONE SYS:Expansion/XSurfIDE Emergency-Disk:Expansion

(for the GVPSCSI, type:

Copy CLONE SYS:Expansion/gvp SCSI Emergency-Disk:Expansion)

o Add "BindDrivers" after SetPatch to the "Emergency-Disk:S/Startup-Sequence" file

o Solution for SurfSquirrel:

o See [entry 6](#) on the Compatibility page.

o Solution for FastATA (not really needed as the device is in ROM, but good to have anyway for maximum speed):

o Type the following from a Shell window:

Copy CLONE FastATA.driver Emergency-Disk:C

Copy CLONE FastATAPrefs Emergency-Disk:Prefs

Copy CLONE CheckLMB Emergency-Disk:C

Copy CLONE ENV:FastATA.prefs Emergency-Disk:Prefs/Env-Archive

o Insert the following at the beginning of "Emergency-Disk:S/Startup-Sequence":

o C:CheckLMB

If WARN

SYS:Prefs/FastATAPrefs

EndIf

C:FastATA.driver QUIET

[Martin Steigerwald]

1.18 tip1.12

Q: Regarding 4GB problems, some drivers are either not being taken care of, or the solution is overkill. Is there a workaround until a fix is released in Boing Bag 1? (Controllers affected: Buddha, Catweazel IDE, FastATA, GVP SCSI, X-Surf IDE, IDEfix Express). [fixed in BB1]

A: Disable the following two lines in "DEVS:NSDPatch.cfg" by placing a "#" at the beginning of the line:

```
DEVICE scsi.device DEVICETYPE NSDEVTTYPE_TRACKDISK COMMANDS 1-15,20-23,28,!22 FIXSCSIUPDATE
```

```
DEVICE 2nd.scsi.device DEVICETYPE NSDEVTTYPE_TRACKDISK COMMANDS 1-15,20-23,28,!22 FIXSCSIUPDATE
```

The other "scsi.device" lines should be safe as they are only triggered by a certain version of "scsi.device". [Martin Steigerwald]

1.19 tip1.13

Q: There are two files in OS 3.5's Boing Bag 2a newer than what's on the OS 3.9 CD. Can (or should) I use these with OS 3.9? [fixed in BB1]

A: There are two newer files that you can take advantage of from OS 3.5's Boing Bag 2a; they are:

- o /Workbench/Tools/HDDToolbox 44.27 (12/12/00)

- o /Workbench/Libs/hdwrench.library 44.122 (12/17/00)

1.20 tip1.14

Q: AmiDock crashes with a "00000004" guru on my A4000T when I try to boot up from the pre-installation Emergency disk (Workbench is ghosted, and my system is unusable). Why?

A: Ensure that you have the following libraries installed in the LIBS: directory on the Emergency disk:

- o 68060.library

- o 68040.library

- o 68040old.library

After installation, check and make sure they're still on the hard-drive, too. [Jeff Sereno]

1.21 tip1.15

Q: The installer appears to create the Emergency Disk OK, but when I boot, it opens a screen that I cannot use with my monitor (I use an SVGA monitor and Productivity Mode (640x480)). No matter what I do, I cannot get the boot disk setup so that Productivity Mode is loaded. Why?

A: The installer creates a boot disk which uses an OCS screen (presumably on the basis that it is the lowest common denominator). This works fine if you have an old multisync monitor that can sync down to 15kHz, but if you use a monitor whose lowest sync rate is 31kHz, it obviously doesn't work.

The solution is to boot up normally and copy your screenmode.prefs file into the following directory on the Emergency Disk:

Emergency-Disk:Prefs/Env-Archive/Sys/

[N. James Bridge]

1.22 tip1.16

Q: I've noticed that the copy of OS 3.9 I bought recently is a revised AmigaOS 3.9 CD-ROM. How does it differ from the original CD?

A: The revised AmigaOS 3.9 CD contains various corrections to the installation script. However, please note that when installing OS 3.9 as an update only--NOT a full install, the installation script overwrites the S:Startup-Sequence file. Make sure you create & rename a backup copy of your original Startup-Sequence file before installation.

[Martin Steigerwald]

1.23 tip1.17

Q:

A:

o Copy SYS:Devs/DosDrivers JAZ0" and "JAZ0.info" from your hard drive to "Emergency-Disk:Devs/DOSDrivers" (if you are using JAZ1 then copy it instead of JAZ0).

o Add the following line to the "Startup-Sequence" on the Emergency Floppy Disk (right above "EndCLI" command at the bottom of the Startup-Sequence):

C:Mount >NIL: Emergency-Disk:Devs/DOSDrivers/JAZ0 (or JAZ1 if you are using that device).

An analogous procedure applies to Zip drives.

[Gary Goldberg, courtesy of the late Jim Willis]

1.24 tip1.18

Q: I've encountered script errors during installation; what's causing this?

A: Make sure you have--and are using--only one copy of the official installation utility, "Installer" v44.10 (10/01/99) or later. This should eliminate most script problems encountered during installation, including possible errors with the "MakeDir" command. Officially, Installer should be in your SYS:Utilities/ drawer, but it will also work fine in your SYS:C/ drawer. You can use the Workbench menu item "Window/Find..." to check SYS: for the location (and possible duplicates) of Installer.

Please note: If you choose to use the third-party installation utility "InstallerNG", you assume responsibility for any errors or problems encountered during installation. The install scripts are designed to work exclusively for "Installer", and not "InstallerNG".

1.25 tip1.19

Q: On bootup, I get the following error message: "Cannot open resource.library, version 44, unable to load AmiDock". I have the correct version of resource.library installed, and AmiDock exists in SYS:WBStartup. Why does this appear, and how do I eliminate this error?

A: In many cases the problem message you received did not accurately reflect a missing or even damaged library, but rather the absence of a "#?.gadget" file that the resource.library function depends on. Check the SYS:Classes/Gadgets/ directory on your system partition and the OS3.9 directory of the install CD-ROM and manually copy any missing #?.gadget files. Ensure that all the #?.gadget files are the latest versions (do this by checking the latest Boing Bag first, then the OS 3.9 CD-ROM).

[Mike Wilson/Cor Kriekaart]

Note that UnixDirs3 has the ability to redirect '/' to be the same as ':'; the root of the drive. This causes many poorly written installers to fail that rely on '/' to be 'parent directory'.

[Shawn Holwegner]

1.26 tip1.20

Q: Why was a new section added to the beginning of Startup-Sequence v45.4 (consisting primarily of SCSIUpdate commands)? Are there options other than a "0" in the "Set SCSIUpdate 0" line? (i.e. what would a 1 or a 2 do?)

A: The following section is what's being referred to:

```
; $VER: Startup-Sequence 45.4 (4.4.2001)
; Startup-Sequence for AmigaOS 3.9
; The following lines disable updating "scsi.device" for driver
; software where this could lead to failures. They also start
; IDEFix if installed.
;
; You can manually disable updating "scsi.device" by setting
; the environment variable "NOSCSIUPDATE" to something.
```

```
If EXISTS C:SquirrelSCSI
```

```
C:SquirrelSCSI
```

```
EndIf
```

```
Set SCSIUpdate 1
```

```
If EXISTS C:IDEFix
```

```
C:IDEFix
```

```
Set SCSIUpdate 0
```

```
EndIf
```

```
If EXISTS SYS:Expansion/XSurfIDE
```

```
Set SCSIUpdate 0
```

```
EndIf
```

```
If EXISTS SYS:Prefs/Env-Archive/NOSCSIUPDATE
```

```
Set SCSIUpdate 0
```

```
EndIf
```

```
If $SCSIUpdate EQ 1
```

```
SetPatch QUIET
```

```
Else
```

```
SetPatch SKIPROMUPDATES "scsi.device" QUIET
```

```
EndIf
```

```
Unset SCSIUpdate
```


This is not intended to remove the annoyance of the SetPatch SKIPROMUPDATES "scsi.device" QUIET line (as even with this line, SetPatch installs the ROM Update), but to do so without "scsi.device" when it exists in DEVS:.

This is just to support the less-than-ideal controller software on the market, and to disable usage of the new "scsi.device" when something like IDE-Fix, XSurfIDE, etc. is found. If necessary, it also loads SurfSquirrel software.

"SCSIUpdate" is simply a temporary variable used to keep track of whether or not "scsi.device" updating should be skipped. It will be unset after installation and is not saved to either ENV: or ENVARC:.

Providing you're using the Boing Bag 1 version of the SetEnv (45.0) command, you may set the environment variable "NOSC-SIUPDATE" to anything and it will disable the SCSI-Update as well; i.e.:

```
SetEnv SAVE NOSC-SIUPDATE "bla"
```

[Martin Steigerwald]

1.27 Section 2: Icon Operation

Section 2: Icon Operation

Question 2.0 Is it possible to snapshot the RAM: icon?

Question 2.1 Why won't programs without icons start from Workbench when I double-click them? [fixed in OS 3.9 SE CD, BB1]

1.28 section2.0

Q: Is it possible to snapshot the RAM: icon?

A: Heinz Wrobel confirmed that OS 3.9 does not support soft-links. However, there are two third-party commands that work; simply copy a MakeLink command from one of the archives below into C: (overwriting the standard MakeLink command):

- o beckermakelink.lha, util/misc (Aminet)

- o Visage.lha, gfx/show (Aminet)

Then follow these steps:

- o Rename your preferred RAM disk icon as "def_ram.info" and copy it to ENVARC:Sys/.

- o Put the following line in your S:User-Startup file:

```
C:MakeLink RAM:disk.info ENVARC:SYS/def_RAM.info soft
```

- o Save the S:User-Startup file, and reboot; your preferred icon will now be used.

[Rolf Max Rotvel]

1.29 section2.1

Q: Why won't programs without icons start from Workbench when I double-click them? [fixed in OS 3.9 SE CD, BB1]

A: The ENVARC:Sys/def_tool.info file shipped with it's icon type set to "project" instead of "tool". Here's how to correct it:

- o Run the SYS:Prefs/DefIcons prefs editor.

- o Search for "tool" in the list gadget, and double-click the entry.

- o In the Workbench Information window that pops up, select "Tool" from the "Type" menu, and click "Save".

- o Click "Save" in the DefIcons Prefs editor, and the change is complete.

[Martin Steigerwald]

1.30 Section 3: Compatibility

Section 3: Compatibility

Question 3.0 ToolsDaemon no longer works under 3.9; is there a workaround?

Question 3.1 Is MCP safe to use with 3.9, and do I still need mcpramlibpatch in my startup?

Question 3.2 Are there any compatibility problems with Birdie under 3.9?

Question 3.3 I've been unable to run some games (e.g. Nightlong) after installing OS 3.9 and WarpOS v5.0 (I'm using Cyber-GraphX v4.0). How can I get my game(s) working again?

Question 3.4 PlayCD doesn't work on my omniscsi.device or gvpscsi.device-based CD-ROM drive. PlayCD either doesn't recognize my CD-ROM drive, or the program loads and then a requester pops up with (unit number differs per Amiga system): `"A SCSI command error has occurred (omniscsi.device, unit 4)"`. PlayCD then quits afterwards; why? [fixed in BB1]

Question 3.5 How can I get my SurfSquirrel SCSI setup and working with OS 3.9? [fixed in OS 3.9 SE CD]

Question 3.6 Why won't AnimatedIcon work on my system?

Question 3.7 Are there any known problems with TurboPrint?

Question 3.8 Under OS 3.5, I used FBlit, WBCtrl, and LoadWB SIMPLEGELS to reduce the amount of CHIP RAM required in Workbench. This combination no longer works under OS 3.9. How do I fix it? (I have an AGA Amiga with no graphics card).

Question 3.9 When running Visual Prefs on OS 3.9, Workbench windows, close gadgets, and slide bar imagery is corrupt. Is there a workaround?

Question 3.10 VNC doesn't display the fonts I've selected when I try to redirect it to a different screen mode. Why is this, and is there a workaround?

Question 3.11 The "RamLibFix" and "PatchRAM" programs from Thomas Richter's "MMULib" archive; do I still need them with OS 3.9?

Question 3.12 I've installed BB1, but now after I run Directory Opus v5.82 in Workbench Replacement Mode, some of my programs no longer run. Is there a workaround?

Question 3.13 Since upgrading to OS 3.9, IBrowse 2.2 seems unstable and my external viewers no longer work. Is a fix available?

1.31 section3.0

Q: ToolsDaemon no longer works under 3.9; is there a workaround?

A: Yes. Mikolaj Calusinski (with help from Olaf Barthel) has provided an archive that patches ToolsDaemon to work correctly with OS 3.9.

Simply download "ToolsDaemon22.lha" (util/boot) from Aminet, and install according to the instructions in the "ToolsDaemon22.readme" file.

1.32 section3.1

Q: Is MCP safe to use with 3.9, and do I still need mcpramlibpatch in my startup?

A: Yes, but there are two things you should be aware of with MCP:

o First, make sure that you don't have any options in MCP that patch diskfont.library, as this will prevent 3.9's font cache from working correctly. You still need mcpramlibpatch in your startup as the ramlib problem is caused by third-party libraries performing too complicated/stack-hungry tasks (opening other diskresident libs) within their init function. These libraries are therefore breaking certain programming rules; and it's not a bug in ramlib itself. [Stephan Rupprecht]

o Lastly, activating the "Processor" feature of MCP removes the ability of the RAD: device to be resident, so switching this off in MCP will restore it. [Philippe 'Elwood' Ferrucci]

1.33 section3.2

Q: Are there any compatibility problems with Birdie under 3.9?

A: Yes. Make sure Birdie is run without the NOICONBORDER and FLOODMASKWB options. It may cause problems with the prefs editors that use the ReAction GUI. Timo Moretto reported that several lines of text are written to the same space, and when trying to resize the window to force a redraw, all gadget-graphics in the window disappear. [Rolf Max Rotvel] Note that WBClock refuses to 'show up' if Birdie is running with the NOICONBORDER switch on. [Rolf Max Rotvel]

1.34 section3.3

Q: I've been unable to run some games (e.g. Nightlong) after installing OS 3.9 and WarpOS v5.0 (I'm using CyberGraphX v4.0). How can I get my game(s) working again?

A: Re-installing CyberGraphX v4.0 may help (the screen requester may not be opening properly). [Steve Smith]

1.35 section3.4

Q: PlayCD doesn't work on my omniscsi.device or gvpscsi.device-based CD-ROM drive. PlayCD either doesn't recognize my CD-ROM drive, or the program loads and then a requester pops up with (unit number differs per Amiga system): "A SCSI command error has occurred (omniscsi.device, unit 4)". PlayCD then quits afterwards; why? [fixed in BB1]

A: If you use a gvpscsi.device-based system, make sure that you're using at least v5.3 of the gvpscsi file available from www.gvp-m.com. This mounts a gvpscsi.device that works with PlayCD. To use that file, you have to disable automount on the GVP SCSI card by moving the boot jumper. Then install the new gvpscsi and gvpscsi.info files into your SYS:Expansion drawer. Be sure that your startup-sequence has the "BindDrivers" command in it. [Jeff Gilpin]

For omniscsi.device users, omniscsi.device does not accept the SCSI inquiry command, whose length parameter is simply not setup large enough to follow the SCSI-2 specs completely. The next version of PlayCD will have a workaround for this. [Thomas Richter]

Please note:

- o PlayCD needs a SCSI device that understands SCSI-2 commands. PlayCD does not depend on any filesystem (AsimCDFS, CacheCDFS, AllegroCDFS, etc.). It also does not work with the AmigaOS cd.device.

- o In general, you don't have to set any tooltypes for PlayCD. PlayCD will automatically scan for the following SCSI CD-ROM devices:

scsi.device, 2nd.scsi.device, 3rd.scsi.device
 4th.scsi.device, 5th.scsi.device, 6th.scsi.device
 7th.scsi.device, 8th.scsi.device, atapi.device
 2060scsi.device, 1260scsi.device, 1230scsi.device
 cybscsi.device, cybppc.device, blizzppc.device
 z3scsi.device, dkbscsi.device, omniscsi.device
 tekscsi2.device, wildfirescsi.device, squirrelscsi.device
 oktagon.device, gvpscsi.device, dracoscsi.device

If you don't want to use the autoscan feature, or your drive is connected to a device that is not listed here, you should use the tooltype DOSDEV or (exclusive-or) the Tooltypes DEVICE and UNIT to provide the device to which your drive is connected to.

- o If your CD-ROM drive is already mounted, you can use DOSDEV to provide PlayCD with this mountpoint (e.g. DOSDEV=CD0:). PlayCD will then ask the filesystem responsible for this DOSDEV (e.g. CD0:) for the device and unit of the CD-ROM drive. [Markus Pollmann]

1.36 section3.5

Q: How can I get my SurfSquirrel SCSI setup and working with OS 3.9? [fixed in OS 3.9 SE CD]

A: Follow these steps when installing OS 3.9 on an existing OS 3.5/3.1 system:

- o Place C:SquirrelSCSI before C:Setpatch QUIET in S:Startup-Sequence (OS 3.5/3.1 seem to be able to mount devices on the squirrelscsi.device without running SquirrelSCSI first. In OS 3.9 this is no longer the case due to the RAM signal usage patch in the new SetPatch).

Follow these steps when installing OS 3.9 on a clean system:

- o After the emergency floppy has been created, type the following three lines in a Shell window:

- o COPY CLONE C:SquirrelSCSI DF0:C

- o COPY CLONE LIBS:Squirrelscsi.library DF0:Libs

- o COPY CLONE DEVS:squirrelscsi.device DF0:Devs

- o Place C:SquirrelSCSI before C:Setpatch in DF0:S/Startup-Sequence.

- o Ensure that DF0:Devs/DOSDrivers/CD0 is using the squirrelscsi.device directly, and not the CD32 emulated cd.device. If the latter is true, change it to squirrelscsi.device and change the UNIT number to the SCSI-ID.

After installing OS 3.9, make the same changes to the files mentioned above. Replace DF0: with the partition name where you installed OS 3.9 on.

1.37 section3.6

Q: Why won't AnimatedIcon work on my system?

A: AnimatedIcon needs features of workbench.library v44+. As soon as Directory Opus Magellan (not to be confused with Directory Opus v4.xx) is run, Workbench disables those features for compatibility reasons (or Directory Opus Magellan wouldn't work). [Markus Pollman]

1.38 section3.7

Q: Are there any known problems with TurboPrint?

A: It is a known problem that TurboPrint (at least v7.04 or older) does not preserve unknown IFF chunks, but erases them (affecting the SYS:Prefs/Env-Archive/Sys/printer.prefs file). [Hubert/Markus Poellman]

1.39 section3.8

Q: Under OS 3.5, I used FBlit, WBCtrl, and LoadWB SIMPLEGELS to reduce the amount of CHIP RAM required in Workbench. This combination no longer works under OS 3.9. How do I fix it? (I have an AGA Amiga with no graphics card).

A: There are three possible solutions (none guaranteed to work on your system):

Possible solution #1:

- o Ensure the following lines are in your S:Startup-Sequence after the command:

"Assign >NIL: ENV: RAM:ENV"

- o C:FBlit (with it's default settings)
- o C:WBCtrl IMT=ICONFAST
- o C:LoadWB SIMPLEGELS
- o In the SYS:Prefs/Workbench preferences editor, set the "Images in:" cycle gadget to "Graphics Memory", and click "Save".
- o Reboot, and you should have more available CHIP RAM.

Possible solution #2, David Woolley (daveyw@ihug.co.nz):

- o Ensure the following lines are in your S:Startup-Sequence after the command:

"Assign >NIL: ENV: RAM:ENV"

- o C:FBlit
- o C:WBCtrl IMT=ICONFAST
- o C:LoadWB (without the SIMPLEGELS argument)

- o In the SYS:Prefs/Workbench preferences editor, set the "Images in:" cycle gadget to "Other Memory", and click "Save".
- o Reboot, and you should have more available CHIP RAM.

Possible solution #3:

- o In the SYS:Prefs/Workbench preferences editor, set the "Images in:" cycle gadget to "Other Memory", and click "Save".
- o Ensure the following lines are in your S:Startup-Sequence after the command:

"Assign >NIL: ENV: RAM:ENV"

- o C:FBlit (with AddBobPatch & RemIBobPatch switched off, and the QBSBlitPatch on in FBliGui)
- o C:LoadWB (without the SIMPLEGELS argument)
- o Reboot, and you should have more available CHIP RAM.

1.40 section3.9

Q: When running Visual Prefs on OS 3.9, Workbench windows, close gadgets, and slide bar imagery is corrupt. Is there a workaround?

A: Yes. This can happen if you have the "1:1 Aspect Ratio" checkbox selected in the IControl prefs editor--it interferes with Visual Prefs. Note that one of the earlier beta releases of CyberGraphX had this problem, so make sure you're using the latest CyberGraphX beta release. A particular option in Birdie may also be causing this. [Remco Komduur]

You need to switch off the 1:1 aspect ratio option, save your new IControl preferences, and reboot. Just selecting "Use" is not enough to make VisualPrefs work again. Note that when using VisualPrefs, IPrefs' 1:1 aspect ratio feature is not needed anyway, so turning it off shouldn't be a problem for anyone. [Massimo Tantignone]

1.41 section3.10

Q: VNC doesn't display the fonts I've selected when I try to redirect it to a different screen mode. Why is this, and is there a workaround?

A: This is not a VNC bug; it is a gadtools bug. The gadtools.library "LayoutMenuA()" hangs if the screen is too small and no menu could be built. The function just loops forever and never returns, not even with a failure code (which wouldn't be a problem for VNC in first place). Unfortunately, this is not so easy to reproduce. It depends on the screen mode, on the font and on some unfortune when selecting the screen size.

The solution is to redirect SetVNC to a different screen by dropping the "width" and "height" parameters of the window path as then ViNCed will figure out the default window size. [Thomas Richter]

1.42 section3.11

Q: The "RamLibFix" and "PatchRAM" programs from Thomas Richter's "MMULib" archive; do I still need them with OS 3.9?

A: According to Thomas Richter, RamLibFix is redundant (already fixed by SetPatch), and PatchRAM is obsolete (Thomas is working on a permanent "fix" to the ram-handler).

[Steve Holland]

1.43 section3.12

Q: I've installed BB1, but now after I run Directory Opus v5.82 in Workbench Replacement Mode, some of my programs no longer run. Is there a workaround?

A: Remove DefIcons from your SYS:WBStartup drawer, as it clashes with Directory Opus's file definition system.

[Douglas Valentine]

1.44 section3.13

Q: Since upgrading to OS 3.9, IBrowse 2.2 seems unstable and my external viewers no longer work. Is a fix available?

A: Oliver Roberts shares the following:

"Quite a few people (including myself) have found that IBrowse 2.2 is actually more stable under OS 3.9, for some reason, than it was with previous OS versions. It's not bug-free though, and hopefully this will be addressed in IBrowse 2.3, although the development state seems to be a bit "fragile" at the moment. Most (if not all) of the common bugs in 2.2 have already been logged on the IBrowse bugtrack, so hopefully they will get fixed.

The External Viewers stopped working in OS3.5 BB2 and OS3.9--this problem has already been fixed in the current development version of IBrowse, but in the meantime, I made a patch for IBrowse 2.2 (also fixes one of the most common crash bugs), which can be found at:"

<http://groups.yahoo.com/group/ibrowse/files>

1.45 Section 4: Disk & File Operation

Section 4: Disk & File Operation

Question 4.0 I have a 4-way buffered interface; why won't my system boot up?

Question 4.1 I have a Power Flyer in my Amiga. Is there anything to be aware of in regards to OS 3.9?

Question 4.2 Is there a way to make CacheCDFS automatically recognize AudioCDs? When I insert an AudioCD into my CD-ROM drive, all that appears is a ghosted "CD0:Uninitialized" icon.

1.46 section4.0

Q: I have a 4-way buffered interface; why won't my system boot up?

A: Assuming IDEFix uses a custom scsi.device, all you need to do is change the SetPatch invocation in S:Startup-sequence to read:

C:SetPatch QUIET SKIPROMUPDATES "scsi.device"

[David Rey]

1.47 section4.1

Q: I have a Power Flyer in my Amiga. Is there anything to be aware of in regards to OS 3.9?

A: The Power Flyer should work fine as long as you have the SKIPROMUPDATES "scsi.device" option called from SetPatch in your S:Startup-Sequence file (i.e. C:SetPatch SKIPROMUPDATES "scsi.device"). It is also recommended that you disable all scsi.device entries in DEVS:NSDPatch.cfg, as the Power Flyer's scsi.device is already NSD compliant. [Ondra Zima]

1.48 section4.2

Q: Is there a way to make CacheCDFS automatically recognize AudioCDs? When I insert an AudioCD into my CD-ROM drive, all that appears is a ghosted "CD0:Uninitialized" icon.

A: Simply add the following line to the CONTROL field of the CacheCDFS DosDriver mount file (CD0: or whatever) "AUDIO=Sys:Utilities/PlayCD" (be sure to remove any "NOAUDIO" text if it exists). Also make sure there's a "CDDA.info" file in ENVARC:. When you insert a CDDA, CacheCDFS brings that icon as appicon up and when you doubleclick the icon, PlayCD will be started.

The line should look something like this (yours may vary slightly):

Control = "MD=1 LC=1 DC=8 S L LV AL LFC=1 HR=.rsrc Q MSDOS AUDIO=Work:Audio/PlayCD"

[Stephan Rupprecht]

1.49 Section 5: Internet Applications

Section 5: Internet Applications

Question 5.0 Genesis Prefs refuses to run without the MUI "grouppager.mcc" file installed; where can I find this? [fixed in OS 3.9 SE CD, BB1]

Question 5.1 Is it possible to iconify Genesis after connection?

Question 5.2 After installing Boing Bag 1, cycle gadgets in AWeb-II with less than three options only show the first option correctly. Is there a fix for this?

1.50 section5.0

Q: Genesis Prefs refuses to run without the MUI "grouppager.mcc" file installed; where can I find this? [fixed in OS 3.9 SE CD, BB1]

A: You can download it from Aminet in the Genesis demo archive:

<http://de.aminet.net/pub/aminet/comm/tcp/gendemo104.lha>

The ReAction GUI for GenesisPrefs is now available for download from:

<http://www.amiga.com/3.9/download/GenesisPrefs.lha>

1.51 section5.1

Q: Is it possible to iconify Genesis after connection?

A: Yes; here's how:

- o Run GenesisPrefs, the ReAction version.
- o Select the "Interfaces" entry from the left column, and click on the device you want to make the change to from the list to the right.
- o Click the "Edit" gadget at the bottom of the right column.
- o From the window that opens, click the "Events" tab gadget, and set the cycle gadget to "Online".
- o In the same window, click on the "Add" gadget, and type the following in:
"address GENESIS 'hide'"
- o Click "OK" to close the window you're in.
- o Click "Save" in the next window, and you're done.

[Matthias Benke]

1.52 section5.2

Q: After installing Boing Bag 1, cycle gadgets in AWeb-II with less than three options only show the first option correctly. Is there a fix for this?

A: This has been fixed in the latest version of listbrowser.gadget; but until it is released, you can download a patch for it from the link below:

<http://www.carrott.org/amiga/aweb/ListbrowserPatch.lha>

[Tom Parker]

1.53 Section 6: Keyboard Shortcuts

Section 6: Keyboard Shortcuts

Question 6.0 What are the keyboard shortcuts for the ReAction "string.gadget"? (there aren't any on the OS 3.9 CD)

Question 6.1 What are the keyboard shortcuts for RAWBInfo?

1.54 section6.0

Q: What are the keyboard shortcuts for the ReAction "string.gadget"? (there aren't any on the OS 3.9 CD)

A:

- o CTRL A ... jump cursor to the start of the text.
 - o CTRL H ... backspace or delete marked text.
 - o CTRL K ... delete from the character under the cursor to the end of the text.
 - o CTRL M ... return.
-

- o CTRL W ... delete previous word.
 - o CTRL U ... delete from the character to the left of the cursor to the start of the text.
 - o CTRL X ... erases the text or cuts the marked text to the clipboard.
 - o CTRL Z ... jump cursor to the end of the text.
- NOTE: The CTRL keys only work if you have "Text Gadget Filter" enabled in IControl prefs.
- o <- ... cursor to previous character.
 - o SHIFT <- ... same as CTRL+A.
 - o ALT <- ... cursor to the beginning of the current word.
 - o -> ... cursor to next character.
 - o SHIFT -> ... same as CTRL+Z.
 - o ALT -> ... cursor to the end of the current/next word.
 - o Del ... delete character under the cursor or delete marked text.
 - o SHIFT Del ... same as CTRL+K.
 - o Backspace ... delete character to the left of cursor or delete marked text.
 - o SHIFT BS ... same as CTRL+U.
 - o Return, Enter, or Esc ... terminate input.
 - o CRSR Up/Dn ... move to previous/next string.gadget (if any).
 - o TAB ... move to next string.gadget.
 - o SHIFT TAB ... move to previous string.gadget.
 - o CONTROL ... hold down CONTROL while moving the cursor to mark something. Release CONTROL and press a cursor key to unmark the text.
 - o CTRL TAB ... filename completion, same as RAMIGA TAB.
 - o CTRL SHIFT TAB ... same as RAMIGA SHIFT TAB.
 - o ALT BACKSPACE ... delete previous word.
 - o ALT Del ... delete next word.
 - o F1-F3 ... move cursor to bookmark. Use it in combination with shift to set a bookmark.
 - o RAMIGA q ... undo (cancel) the last editing change.
 - o RAMIGA Q ... exchange contents of the undo buffer with the current contents of the gadget.
 - o RAMIGA x ... same as CTRL+X.
 - o RAMIGA G ... swap lower-/uppercase from the cursor position to the end of the word under the cursor.
 - o RAMIGA g ... swap lower-/uppercase of the character under the cursor.
 - o RAMIGA c ... copy (marked) text to the clipboard.
 - o RAMIGA C ... append (marked) text to the clipboard.
 - o RAMIGA x ... erase (marked) text.
 - o RAMIGA v ... insert text from the clipboard to the current cursor position.
 - o RAMIGA V ... replace current text with the one from the clipboard.
 - o RAMIGA + ... increase number.
 - o RAMIGA i ... dto.
 - o RAMIGA - ... dto. decrease.
-

- o RAMIGA d ... dto.
- o RAMIGA a ... mark whole text.
- o RAMIGA z ... undo last change.
- o RAMIGA Z ... redo last change.
- o RAMIGA # ... convert hexadecimal number to decimal.
- o RAMIGA \$... decimal -> hex.
- o RAMIGA TAB ... complete the filename under the cursor, use SHIFT to jump to previous selection.

To mark text with the mouse, simply hold down the left mouse button while moving the mouse to the left or right. Double-click the gadget to activate word-based marking, tripple-click it to mark the whole sentence. To unmark text, release the left mouse button and click on the gadget again. [Stephen Rupprecht]

1.55 section6.1

Q: What are the keyboard shortcuts for RAWBInfo?

A:

- o A mouseclick on a tooltype while holding down the SHIFT key activates or deactivates it.
- o As you know you can drag and drop an icon over the tooltypes editor to replace the tooltypes, but when you hold down SHIFT before releasing the mouse button--and this is the new feature--the tooltypes of the icon you've dropped on the editor will be inserted instead (so they don't replace the current ones)

1.56 Section 7: Undocumented Features

Section 7: Undocumented Features

Question 7.0 Preset tooltype "UNITNUM" for printer settings.

Question 7.1 What are the new command-line options available in SetPatch v44.16?

Question 7.2 Are there any special options in colorwheel.gadget v45.0 (or higher?)

Question 7.3 Is the "Help" key utilized in OS 3.9?

Question 7.4 Is there an NSDPatch.cfg entry for narrator.device? [fixed in BB1]

Question 7.5 What are the valid tooltypes for HDToolBox?

Question 7.6 I just downloaded the new Locale update archive from amiga.com, and found a new library not installed nor documented on my system, called "rusgrammar.library". What is it for?

1.57 section7.0

Q: Preset tooltype "UNITNUM" for printer settings.

A: Although currently buggy (see the Known Bugs page), presets for Printer settings can have a "UNITNUM" tooltype which allows you to set which printer unit number to use.

1.58 section7.1

Q: What are the new command-line options available in SetPatch v44.16?

A: NOROMUPDATE/S .. does what it says.

DISABLEROMMODULES/K .. accepts a comma separated list (no spaces!) of module names and takes them out of the module list. It's the infamous RemLibrary functionality. If you don't know what you are doing, you crash.

SKIPROMUPDATES/S .. will skip selected update modules in the update file. It also accepts a comma separated list of module names.

KILLUPDATE/S .. removes all the kicktags SetPatch had installed.

FORCEUPDATE/S .. will install updates even though something has been installed previously already.

WAITFORVALIDATE/S .. SetPatch will wait for all volumes to be validated now before rebooting! The DosList will be checked once a second.

[Stephan Rupprecht]

1.59 section7.2

Q: Are there any special options in colorwheel.gadget v45.0 (or higher?)

A: Yes. The following can help with pen allocation:

colorwheel.gadget 45.0 (27.10.00)

The maximum number of pens the gadget will try to allocate can be specified via an environment variable, now. The variable is called "classes/gadgets/cw_maxpens"; it can be set to either 7, 19, 37, 61, or 91 pens (you can set it to other values, but only the listed ones make sense). [Stephen Rupprecht]

1.60 section7.3

Q: Is the "Help" key utilized in OS 3.9?

A: In Workbench, the "Help" key is already programmed to load the file HELP:english/sys/workbench.guide (and the workbench.guide from your selected language in Workbench). Both the OS 3.5 & 3.9 CDs contain (although empty and of no practical use) workbench.guide files:

AmigaOS3.5:Emergency-Boot/Locale/Help/english/Sys/workbench.guide

AmigaOS3.9:Emergency-Boot/Locale/Help/english/Sys/workbench.guide

1.61 section7.4

Q: Is there an NSDPatch.cfg entry for narrator.device? [fixed in BB1]

A: Thanks to Heinz Wrobel, yes. The entry is as follows:

DEVICE narrator.device DEVICETYPE NSDEVTYPE_UNKNOWN COMMANDS 1-8

[Todd A. Oberly]

1.62 section7.5

Q: What are the valid tooltypes for HDToolBox?

A: The complete list of tooltypes for HDToolBox are as follows:

ASKDEVICE=YES ("TRUE" or left blank is also valid; or "NO")

DEVICE=devicename (name of device)

SCSI_DEVICE_NAME=devicename (same as DEVICE; may be used for compatibility reasons)

WIDESCSCI=YES (set this for wide SCSI adapters; arguments same as "ASKDEVICE" tooltype)

MFSAVEPATH=pathname (where to save mount files and filesystems to; defaults to SYS:)

[Jochen Becher]

1.63 section7.6

Q: I just downloaded the new Locale update archive/BB1 from amiga.com:

http://www.amiga.com/3.9/download/Locale3_9.lha

...and found a new library not installed nor documented on my system, called "rusgrammar.library". What is it for?

A: rusgrammar.library is an optional support library for the Russian locale, maintained by some members of ATO Russia. The distributed version provides support for the CP1251 charset.

[David Rey]

1.64 Section 8: 3rd Party Utilities

Section 8: 3rd Party Utilities

Question 8.0 Are there utilities available to fix or replace ToolsDaemon?

1.65 section8.0

Q: Are there utilities available to fix or replace ToolsDaemon?

A: To fix ToolsDaemon, see **question 1** of the Compatibility page. To replace it, the following two utilities/scripts are available:

o John Nelson's "RxTD", available from his home page: <http://web.ukonline.co.uk/amigadude/>

o Roger Hågensen's "RunArgs", available from Aminet: <http://de.aminet.net/pub/aminet/util/wb/RunArgs.lha>

1.66 Section 9: Miscellaneous

Section 9: Miscellaneous

Question 9.0 OS 3.9 claims to support searches within text viewed by the text.datatype; but how? [fixed in BB1]

Question 9.1 Will there be a Boing Bag 1 release for 3.9? If so, when and what will be in it? [Boing Bag 1 available]

Question 9.2 My copy of OS 3.9 doesn't include a registration card or a serial number, why is this, and how do I register?

Question 9.3 In the docs for ACTION on the OS 3.9 CD: AmigaOS3.9:Manuals/Action-English.txt (feature section) it claims "Support for INTEL INDEO 3.1 & 3.2 (IV31/IV32)". Yet when I try to play some movies, I get an "Unsupported compression: AVI_IV32!" error. Why? [fixed in BB1]

Question 9.4 When I run the Palette and Pointer Prefs editors, they're opening their own custom screens (I'm using 1024x768x16 screen for Workbench). Why?

Question 9.5 Where are the PowerPC datatypes on the OS 3.9 CD?

Question 9.6 Besides English, why aren't there updated language catalogs for new OS 3.9 features? [fixed in BB1]

Question 9.7 The version string for ACTION reads: "ACTION 45.3 (Internal test)." Was this a mistake? [fixed in BB1]

Question 9.8 Is there a way to have certain devices in "Find" unselected/selected by default?

Question 9.9 I have some Photoshop Quicktime tutorial movies; when I play them with ACTION in a window on the Workbench screen (regardless of color depth), they are played in grey--not in color. Will this be fixed?

Question 9.10 Are there plans to make the OS 3.9 release notes available to users?

Question 9.11 Why can't I open any Preference editors when I boot without the Startup-Sequence?

1.67 section9.0

Q: OS 3.9 claims to support searches within text viewed by the text.datatype; but how? [fixed in BB1]

A: When viewing text within MultiView (not AmigaGuide), simply hit the Return key, and a search window will pop up.

1.68 section9.1

Q: Will there be a Boing Bag 1 release for 3.9? If so, when and what will be in it? [Boing Bag 1 available]

A: Boing Bag 1 is available from the link below:

<http://www.amiga.com/3.9/download/BoingBag39-1.lha>

1.69 section9.2

Q: My copy of OS 3.9 doesn't include a registration card or a serial number, why is this, and how do I register?

A: OS 3.9 does not ship with registration cards or serial numbers. The serial number entry in the 3.9 Registration area (which had been commented out) has been removed. [Markus Nerding, H&P]

1.70 section9.3

Q: In the docs for ACTION on the OS 3.9 CD: AmigaOS3.9:Manuals/Action-English.txt (feature section) it claims "Support for INTEL INDEO 3.1 & 3.2 (IV31/IV32)". Yet when I try to play some movies, I get an "Unsupported compression: AVI_IV32!" error. Why? [fixed in BB1]

A: This is a mistake in the ACTION manual. Due to licensing issues, ACTION does not support the Indeo compression format/-codec. For more information about this issue, contact László Török (his website is available here: <http://www.dfmk.hu/~torokl/>).

1.71 section9.4

Q: When I run the Palette and Pointer Prefs editors, they're opening their own custom screens (I'm using 1024x768x16 screen for Workbench). Why?

A: These Prefs editors check how many free pens are available, and when there aren't enough pens, they open a new screen. This happens regardless of the screen depth (hi/truecolor or CLUT). On a 15-bit (or higher) screen the background images should not use any pens. The icons are the problem. Setting the icon quality to "Poor" or "Bad" in Workbench Prefs can help. [Stephan Rupprecht]

1.72 section9.5

Q: Where are the PowerPC datatypes on the OS 3.9 CD?

A: Due to the extremely tight deadline required to ship OS 3.9 by December 4th, only the picture.datatype is currently available for the PowerPC (and none of its sub-classes are PPC-enabled):

AmigaOS3.9:OS-Version3.9/Workbench3.9/Classes/Datatypes/picture.datatype (82,264 bytes).

This is a 'fat' binary, meaning it contains both 68k and PPC code, and will automatically use the fastest processor available. For other PPC datatypes, simply search any Aminet mirror for "warpjpeg", "warppng", and "warpgif". [David Rey/Remco Komduur]

The OS 3.9 picture.datatype offers a new scaling feature, and far better dithering (not really a concern unless you use 8-bit screens), and uses the PPC only for dithering or scaling, so you need to consider whether you're likely to use those features--if not, then it would be preferable to stick with the CyberGraphX one, simply because it's faster. [Oliver Roberts]

Stephane Guillard recommends installing at least the warpjpeg datatype if you have a PPC card.

1.73 section9.6

Q: Besides English, why aren't there updated language catalogs for new OS 3.9 features? [fixed in BB1]

A: The locale files can be downloaded from here:

<http://www.amiga.com/3.9/download/>

1.74 section9.7

Q: The version string for ACTION reads: "ACTION 45.3 (Internal test)." Was this a mistake? [fixed in BB1]

A: Yes. This has been addressed.

1.75 section9.8

Q: Is there a way to have certain devices in "Find" unselected/selected by default?

A: Yes; simply select/de-select the entries as you want them to appear by default, and select "Settings/Save Settings" from Find's menu. [Rolf Max Rotvel]

1.76 section9.9

Q: I have some Photoshop Quicktime tutorial movies; when I play them with ACTION in a window on the Workbench screen (regardless of color depth), they are played in grey--not in color. Will this be fixed?

A: ACTION currently does not support color playback in Workbench window mode under AGA. According to ACTION's author, Laszlo Torok, color playback will be supported in future versions. [David Rey]

1.77 section9.10

Q: Are there plans to make the OS 3.9 release notes available to users?

A: Yes. Current plans are to include the OS 3.9 release notes with the NDK 3.9 update.

[Martin Steigerwald]

1.78 section9.11

Q: Why can't I open any Preference editors when I boot without the Startup-Sequence?

A: There are several reasons for this:

Without running SetPatch, Workbench v45 cannot work as the old workbench.library in ROM will not be unloaded as it should.

Without classes and datatypes, ReAction-based applications will not work.

Amiga Inc./Haage & Partner do not provide support for manual "no Startup-Sequence" system setups. Either know what you are doing, or:

USE YOUR EMERGENCY DISK

[Martin Steigerwald]

1.79 Section 10: Known Bugs

Section 10: Known Bugs

Bug Report 10.1 printer.device (v44.39): Didier Levet, 21.12.2000, Status: Items 1 & 2: unknown

Bug Report 10.2 Mounter (v44.17): Albrecht Kinzkofer, 22.12.2000, Status: Item 1: unknown, Item 2: reported

Bug Report 10.3 AMPlifier (v2.21): Albrecht Kinzkofer, 22.12.2000, Status: unknown

Bug Report 10.4 Printer drivers: Gregory Donner, 23.12.2000, Status: known problem

Bug Report 10.5 L:CacheCDFS (v42.19): Michael Merkel, 23.12.2000, Status: unknown

Bug Report 10.6 DEVS:serial.device (v43.1): Ralph Torchia 29.12.2000, Status: reported

Bug Report 10.7 AHI v5 & Concierto: Stephane Guillard, 2.1.2001, Status: investigating

Bug Report 10.8 L:CacheCDFS (42.19), SYS:Prefs/CacheCDFS (44.13): Todd Oberly, 21.1.01, Status: reported

1.80 section10.1

Q: printer.device (v44.39): Didier Levet, 21.12.2000, Status: Items 1 & 2: reported

A: Any error code returned by ped_Init() is ignored.

The aSFC command is translated to aRIN (the DoSpecial() function gets the aRIN command with the correct color parameter).

Comment(s): none

1.81 section10.2

Q: Mounter (v44.17): Albrecht Kinzkofer, 22.12.2000, Status: Items 1 & 2: reported

A: Incorrectly mounts all unmounted partitions of a hard disk when only one unmounted partition is selected for being mounted.

Double-clicking on a hard drive to check partition sizes completely fails to report the right sizes.

Comment(s): (Item 2): Mounter is compiled with SAS/C, which has no support for 64-bit arithmetic. The source of Mounter to workaround this problem still seems to have a bug. [Markus Poellman]

1.82 section10.3

Q: AMPlifier (v2.21): Albrecht Kinzkofer, 22.12.2000, Status: unknown

A: Balance logic seems inverted (left/right is swapped); or possibly right/left channel is swapped in general and balance works OK? [I can personally confirm this last bug. - Greg]

Comment(s): none

1.83 section10.4

Q: Printer drivers: Gregory Donner, 23.12.2000, Status: known problem

A: The newest printer drivers on the OS 3.9 CD (in AmigaOS3.9:OS-Version3.9/Workbench3.9/Storage/Printers/) have known bugs in them (one such bug is the full text of a page being printed in about a 1/4 inch strip in the top margin). See the Install Tips section, entry 4, for information on a working set of printers drivers you can use until these bugs are dealt with.

Comment(s): a solution has not yet been found

1.84 section10.5

Q: L:CacheCDFS (v42.19): Michael Merkel, 23.12.2000, Status: reported

A: CacheCDFS does not like CD names with only one or two characters, or the identical characters (e.g. when a CD is burnt with the name "A", "AA" or even "AAA" the resulting CD is always shown as "Unnamed").

Comment(s): none

1.85 section10.6

Q: DEVS:serial.device (v43.1): Ralph Torchia, 29.12.2000, Status: reported

A: RTS/CTS handshaking is required for a connection, but the Amiga is unable to make such a handshake without checking for a DTR line. Shouldn't the serial.device be able to ignore a DSR?

Comment(s): none

1.86 section10.7

Q: AHI v5 & Concierto: Stephane Guillard, 2.1.2001, Status: investigating

A: The PicassoIV add-on sound card, Concierto, does not work when AHI v5 is installed.

Comment(s): Martin Blom is looking into this problem.

1.87 section10.8

Q: L:CacheCDFS (42.19), SYS:Prefs/CacheCDFS (44.13): Todd Oberly, 21.1.01 Status: reported

A: The "Min Direct" setting (for the minimum number of sectors needed to skip the cache and read directly into the calling program's buffer) won't go below 1.

Comment(s): none

1.88 Disclaimer

Disclaimer

The author(s) of the contained material are in no way responsible for any damage that may occur on or to your system. No warranty, whether expressed or implied.