



Tech Info Library

Mac OS 8: About QuickDraw GX Read Me

TOPIC

This article is the About QuickDraw GX Read Me file that comes with Mac OS 8.0.

DISCUSSION

Visit the QuickDraw GX website (start at <http://www.macos.apple.com/macos/tech.html>) for the latest information about applications, utilities, and fonts which enhance your productivity using QuickDraw GX 1.1.6.

Prompted by our new dual OS strategy--Mac OS and Rhapsody--Apple has reevaluated the graphics and printing architectures of Mac OS. This Read Me outlines the decisions that have been made to provide a better printing migration path for our customers to future OS releases. The new implementation of QuickDraw GX will continue to offer our customers the advantages of the superior graphic and typography features of the Mac OS, while still providing an attractive printing environment.

Mac OS Unified Printing Architecture; GX Printer Drivers and GX Printing Extensions No Longer Supported
Beginning with Mac OS 8 and QuickDraw GX 1.1.6, Apple will provide a unified operating system printing architecture, standardizing on classic (non-GX) QuickDraw printing and printer drivers. With the unified printing architecture, QuickDraw GX printer drivers and QuickDraw GX printing extensions will not be supported in Mac OS 8 and future Mac OS releases.

Other than simplifying the printing procedure, the impact of Apple's new unified printing architecture

will be fairly minimal. For applications that work in both QuickDraw GX and classic QuickDraw printing environments, no changes in operation will be necessary.

Customers wanting to print from their QuickDraw GX-only application will have to obtain a version of the application upgraded to be able to print via non-QuickDraw GX printing. Please contact your application's vendor for information on availability.

Using Fonts with QuickDraw GX 1.1.6

QuickDraw GX no longer enables Type 1 Fonts Automatically

If you would like to use Type 1 fonts with QuickDraw GX installed, you can use the Type 1 Enabler (one of the QuickDraw GX Utilities available via Custom Install). The Type 1 Enabler allows you to create copies of your Type 1 fonts that are compatible with QuickDraw GX. Your original Type 1 fonts are not modified and are placed in a folder called Archived Type 1 Fonts.

Using the Type 1 Enabler

To install the QuickDraw GX Utilities and enable Type 1 fonts, perform a custom install of QuickDraw GX 1.1.6; see the instructions in Chapter 3 (Adding and Removing Software) of the Mac OS 8 Installation Guide.

When using the Type 1 Enabler, make sure that each Type 1 font family is in its own suitcase. The Type 1 Enabler will not enable your Type 1 fonts if multiple font families are contained in one suitcase.

The Type 1 Enabler supports only Type 1 fonts. If the Type 1 Enabler program encounters a suitcase containing Type 3 fonts, it displays the message "Contains a Type 3 font program" and does not enable the suitcase.

The Type 1 Enabler does not enable hybrid fonts. If you see the message "Contains a hybrid font program (see README file for details)" when the Type 1 Enabler attempts to enable Optima or ITC Eras, it may be because you have an old version of these fonts. These fonts cannot be enabled because they are hybrid fonts. If you are a registered owner of Optima or ITC Eras, call Adobe Systems Technical Support to obtain an upgrade to the non-hybrid versions of these families.

The Type 1 Enabler may not succeed in restarting your system after it is finished. If this happens,

you should restart your system manually from the Finder.

Removing Duplicate Fonts

To make sure that QuickDraw GX properly manages currently installed fonts, you should make sure you have no duplicate fonts installed in the System Folder. Remove any duplicates that you find.

Restoring Type 1 Fonts to Their Original State

If you remove QuickDraw GX from your system, you need to restore your Type 1 fonts. To restore Type 1 fonts, follow these steps:

1. Open the System Folder.
2. Open the Fonts folder.
3. Drag any suitcases that have been enabled to the Trash.
4. Open the Archived Type 1 Fonts folder.
5. Move the contents of the Archived Type 1 Fonts folder to the Fonts folder.
6. Drag the Archived Type 1 Fonts folder to the Trash.

Adobe Type Manager version 4.0.2

ATM version 4.0.2 can be custom installed with this version of QuickDraw GX.

Caution: installing ATM 4.0.2 will replace any other installed version of ATM, including ATM Deluxe.

Type 1 fonts will display and print properly only if ATM is installed and turned on. As with previous versions, ATM 4.0.2 rasterizes Type 1 font data from the POST resource in conventional outline font files (file type LWFN). In addition, ATM 4.0.2 rasterizes Type 1 font data from the sfnt resource in suitcase files (file type FFIL). ATM 4.0.2 does not include font substitution capability.

Previous versions of ATM and ATM Deluxe 4.0 are not compatible with this version of QuickDraw GX.

Type 1 fonts will display on the screen but will not print. Check with Adobe for a newer version of ATM Deluxe.

Portable Digital Documents

You will no longer be able to create GX PDDs with QuickDraw GX 1.1.6. Also, SimpleText will not display PDDs under QuickDraw GX 1.1.6. You should convert PDD files to a different format, such as Adobe Acrobat PDF files, before attempting to use them with Mac OS 8 or QuickDraw GX 1.1.6.

Adobe Acrobat

If you install Adobe Acrobat prior to installing QuickDraw GX, you will need to reinstall Acrobat afterwards. Acrobat needs to recognize that QuickDraw GX is present when it is installed in order to function properly.

QuickDraw GX and WorldScript II

Make sure that you upgrade to the newest version of WorldScript II, included with Mac OS 8. You will need to do a custom install from the Mac OS Installer.

QuickDraw GX and At Ease

Make sure that you are using At Ease version 2.0.3 or later.

Printer Driver Versions

Apple recommends that you use the latest versions of drivers for Apple printers, installed as part of Mac OS 8, when printing from QuickDraw GX applications. The printer drivers included with Mac OS 8 are all compatible with QuickDraw GX.

Application Compatibility

Apple has conducted some limited compatibility testing with QuickDraw GX 1.1.6 and GX-aware applications. If you do not see your application listed here, contact the application vendor for compatibility information.

The following GX-aware applications are fully functional with QuickDraw GX 1.1.6 installed:

- BareBones BBEdit 4.0.4
- Cherwell pro fit 5.00
- ClaireWare Personal Log 2.10
- Microsoft Word 6.01
- Microsoft Excel 5.00
- NisusWriter 5.00
- PierceSoft ShareDraw 2.01
- Symantec Act! 2.50
- WorldSoft WorldWrite 3.0.1

The following applications will not start up if QuickDraw GX 1.1.6 is installed:

- Lightning Draw GX
- MovieClips
- TexGX 1.1b3

The following applications will not print correctly if QuickDraw GX 1.1.6 is installed:

Nisus Qued/M 3.00
PaceWorks ObjectDancer 1.00
Pixar Typestry 2.1.1
UniQorn
Corel WordPerfect 3.5.2 (68k only)

Contact the application vendor for information on obtaining updated versions of these applications.

Known Problems

Current versions of printer drivers may generate large spool files and take a long time to print when printing documents containing QuickDraw GX data. In addition, QuickDraw GX data printed to the Apple Color LaserWriter may be printed at less than full printer resolution. These problems will be addressed in future versions of printer drivers from Apple and other vendors.

With ATM 4.0.2, some PDF documents that use ATM substitution fonts may not print correctly using the LaserWriter 8 driver. This problem will be fixed in a future version of LaserWriter 8 and/or ATM.

Some older QuickDraw pictures with embedded QuickDraw GX data may print with random noise in the background of the picture. This is due to a problem in QuickTime, and will be fixed in a future version of QuickTime.

Some QuickDraw GX data may print incorrectly in low memory conditions. You may notice that parts of the image repeat rather than the entire image printing correctly. This problem is in the QuickDraw GX QuickTime Codec and will be fixed in a future version of QuickTime. Apple will also make an interim fix available on its web site via a new version of the QuickTime GX Codec. Check <http://support.info.apple.com/ftp/swhome.html> for availability.

The Tech Info Library article titled "Locating Vendor Information" can help you search for a particular vendor's address and phone number.

Apple, the Apple logo, AppleShare, LaserWriter, Macintosh, PowerBook, and Macintosh Quadra are trademarks of Apple Computer, Inc., registered in the U.S.A. and other countries. AudioVision, Balloon Help, Macintosh PC Exchange, Power Macintosh, QuickDraw, TrueType, and World Script

are trademarks of Apple Computer, Inc. Acrobat, ATM, PostScript, Adobe PageMaker and Adobe

Illustrator are trademarks of Adobe Systems Inc., which may be registered in certain jurisdictions.

Optima is a trademark of Linotype-Hell AG and/or its subsidiaries. ITC Eras is a registered

trademark of International Typeface Corporation. All other product names are trademarks or

registered trademarks of their respective holders. Mention of non-Apple products is for informational

purposes and constitutes neither an endorsement nor a recommendation. Apple assumes no

responsibility with regard to the selection, performance, or use of these products.

Article Change History:

4 Aug 1997 - Corrected formatting.

28 July 1997 - Corrected formatting and added hypertext links.

Tech Info Library Article Number:28030