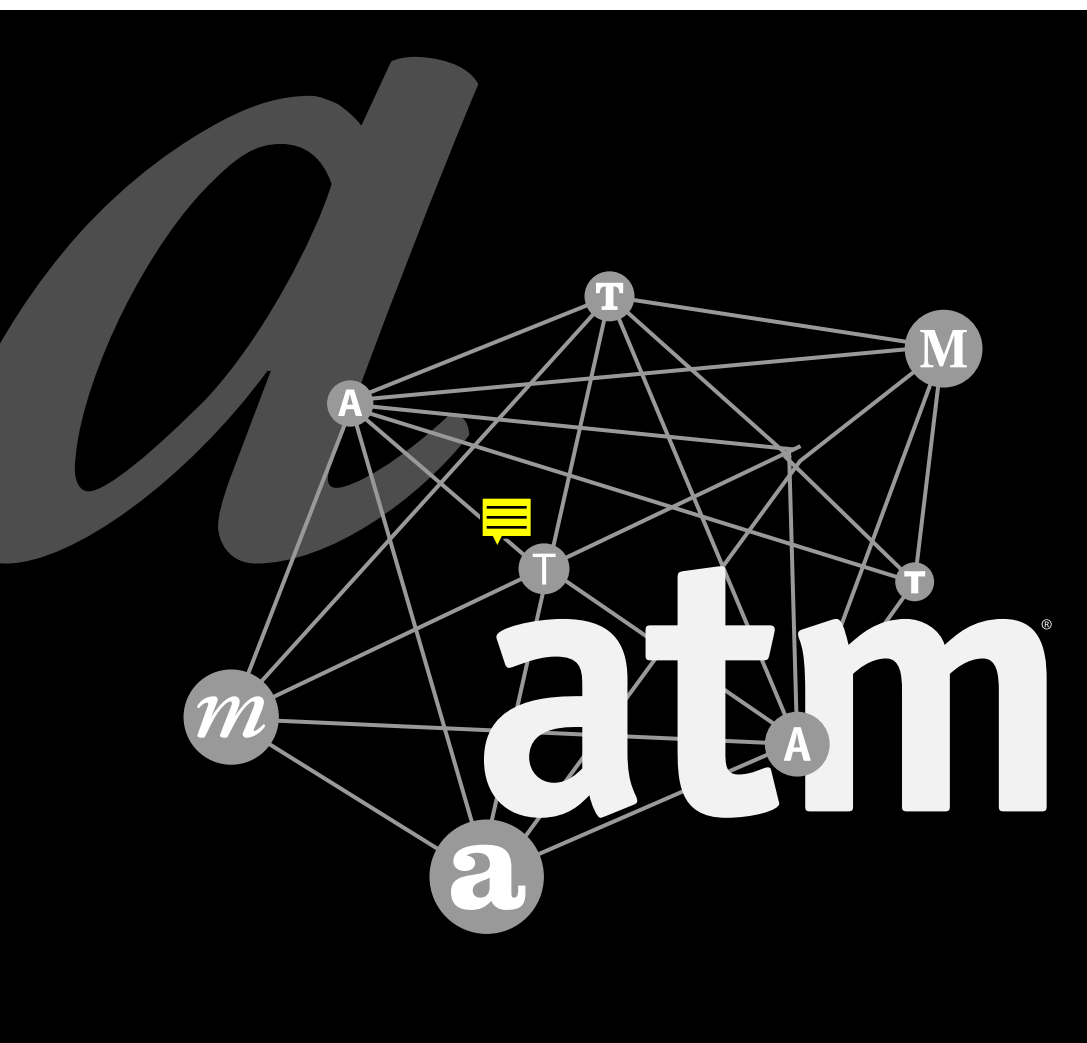




User Guide

Adobe Type Manager®



© 1996 Adobe Systems Incorporated. All Rights Reserved.

Adobe Type Manager User Guide for Windows

This manual, as well as the software described in it, is furnished under license and may be used or copied only in accordance with the terms of such license. The information in this manual is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Adobe Systems Incorporated. Adobe Systems Incorporated assumes no responsibility or liability for any errors or inaccuracies that may appear in this book.

Except as permitted by such license, no part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, recording, or otherwise, without the prior written permission of Adobe Systems Incorporated.

Adobe, the Adobe logo, Acrobat, Adobe Type Manager, ATM, PageMaker, Persuasion, PostScript, and Tekton are trademarks of Adobe Systems Incorporated. Macintosh is a registered trademark of Apple Computer, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries. All other trademarks are the property of their respective owners.

Contains an implementation of the LZW algorithm licensed under U.S. Patent 4,558,302.

Written and designed at:

Adobe Systems Incorporated, 1585 Charleston Road, Mountain View, CA 94039-7900

Adobe Systems Europe Limited, Adobe House, 5 Mid New Cultins, Edinburgh EH11 4DU, Scotland, United Kingdom

Adobe Systems Co., Ltd., Yebisu Garden Place Tower, 4-20-3 Ebisu, Shibuya-ku, Tokyo 150, Japan

For defense agencies: Restricted Rights Legend. Use, reproduction, or disclosure is subject to restrictions set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at 252.227-7013.

For civilian agencies: Restricted Rights Legend. Use, reproduction, or disclosure is subject to restrictions set forth in subparagraphs (a) through (d) of the commercial Computer Software Restricted Rights clause at 52.227-19 and the limitations set forth in Adobe's standard commercial agreement for this software. Unpublished rights reserved under the copyright laws of the United States.

Printed in the U.S.A.

Contents

GETTING STARTED	5
About this manual	5
System requirements	5
Registration.....	5
About Adobe products and services.....	5
Upgrading to ATM Deluxe	6
Installing ATM.....	6
Opening ATM.....	6
Removing the ATM Software	6
MANAGING FONTS	7
Previewing fonts.....	7
Adding fonts.....	7
Removing fonts.....	8
Viewing font properties	9
USING MULTIPLE MASTER FONTS	10
About multiple master font designs.....	10
Creating custom instances	11
Removing multiple master fonts and instances.....	12
Using custom instances you have not created.....	12
CUSTOMIZING ADOBE TYPE MANAGER	13
Turning ATM on and off.....	13
Adjusting the ATM cache size.....	13
Customizing and printing sample sheets	13
Changing the location for new fonts.....	14
Smoothing on-screen fonts.....	14
Customizing font handling.....	14

PRINTING	16
Printing files on other computers.....	16
<i>Printing to a file</i>	16
<i>Multiple master issues</i>	16
Setting download options for the Microsoft PostScript driver	17
TROUBLESHOOTING	19
INDEX	21

Getting Started

Welcome to Adobe Type Manager® (ATM®), a tool for printing and displaying PostScript®

Type 1 fonts. ATM improves on-screen font display. In addition, ATM lets you print PostScript fonts on non-PostScript printers. You can use ATM to add and remove PostScript fonts.

ABOUT THIS MANUAL

This guide will help you install and use Adobe Type Manager software for Microsoft® Windows® 95. For information on using PostScript fonts with applications, and for additional tips and troubleshooting information, see the ATM Read Me and ATM Technical Reference Guide files included with the software, or choose Help > Help Topics in ATM.

This manual assumes you have a working knowledge of your computer and its operating system. For information on starting applications, using fonts, and installing and selecting a printer, please see the Windows Help and your application documentation.

SYSTEM REQUIREMENTS

ATM requires the following hardware and software:

- o A personal computer running Windows 95
- o Approximately 1.5 megabytes (MB) of hard-disk space

ATM is compatible with nearly all applications that run under Windows 95. In addition, ATM is compatible with all PostScript language printers and most Windows-supported printers. See the ATM Read Me file for information on application and printer compatibility.

REGISTRATION

To continue receiving the highest quality software, technical support, and information about new ATM developments, please return the enclosed warranty registration card or follow the on-screen instructions during installation to register online.

ABOUT ADOBE PRODUCTS AND SERVICES

More information about Adobe products and services is available through the following sources:

- o Forums on CompuServe (GO ADOBEAPP) and America Online (keyword: Adobe); forums and availability may vary by country
- o The Adobe home page on the World Wide Web (<http://www.adobe.com>)
- o Adobe's own technical support bulletin-board system (206-623-6984)
- o FaxYI, a free automated fax-back service that provides the latest technical information about Adobe products (206-628-5737)

UPGRADING TO ATM DELUXE

Adobe Type Manager Deluxe offers features that are not included with this version of ATM. With ATM Deluxe you can manage both PostScript and TrueType fonts by adding them to sets and activating them as you need them. In addition, ATM Deluxe automatically activates PostScript fonts when you open a document containing inactive fonts. If the fonts are not installed on your system, ATM Deluxe creates a substitute font to prevent documents from reflowing. For upgrade information please call (800) 822-4451.

INSTALLING ATM

The ATM installer program adds the Adobe Type Manager software to your hard disk, modifies the SYSTEM.INI file, creates or modifies the ATM.INI file, and may modify the WIN.INI file if you have a PostScript printer using the Microsoft PostScript driver on your system and fonts are included with your ATM software. For more information on files ATM uses as well as information on network installation, see the file ATM Technical Reference Guide (included with ATM).

To install the ATM software on your system:

- 1 Start Windows 95. Insert the first disk into your floppy drive, or locate the ATM installer on your hard disk and double-click Install.exe.

- 2 Choose Start > Run.

- 3 type **x:\install** (where *x* is the letter of the drive containing the ATM disk), and click OK. The ATM Installer appears.

- 4 Follow the on-screen prompts to complete the installation.

OPENING ATM

By default, ATM runs invisibly on your system to improve font display. However, to install and remove fonts you need to open ATM.

To open ATM:

Choose Start > Programs > Adobe > Adobe Type Manager.

REMOVING ATM

You can remove the ATM program from your system easily. Uninstalling ATM does not delete any font files from your system, but it may prevent fonts from displaying and printing properly. If you want to remove fonts from your hard disk, you should remove them using ATM before uninstalling ATM.

To remove ATM from the Adobe Type Manager window:

- 1 In ATM, click the Settings tab.

- 2 Click Uninstall ATM.

- 3 Click Begin Uninstall. Follow the remaining on-screen instructions.

Tip: You can also remove ATM by using the Add/Remove icon in Windows Control Panel. You must close ATM before uninstalling with this method.

Managing Fonts

Adobe Type Manager lets you add and remove your PostScript fonts. In addition, ATM lets you see what a font looks like before you add it to your system.

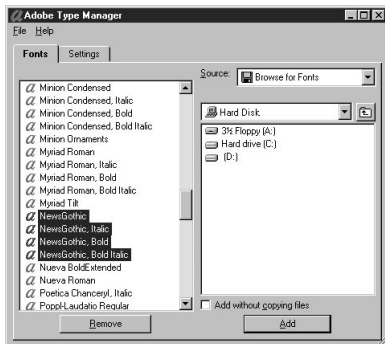
PREVIEWING FONTS

Before you add a font, you may want to see what it looks like. You can preview a font in ATM. For information on changing the sample text and printing sample sheets, see “Customizing and printing sample sheets” on page 13.

You cannot preview two special fonts: AdobeSanMM and AdobeSerMM. These multiple master fonts are used for font substitution.

To preview a font with ATM:

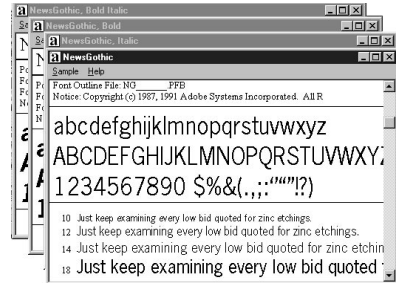
- 1 In ATM, click the Fonts tab.



- 2 Do one of the following:

- o Double-click a font name to preview a single font.

- o Select up to 15 fonts. Right-click one font in the selection and choose Show Sample.



- 3 When you are finished previewing the font, choose Sample > Close, or Sample > Close All to close sample windows. In the Fonts tab, you can also choose Display > Close All Sample Windows.

Tip: You can also preview a font by double-clicking a font file (any file with the extension *mmm*, *pfn*, *plb*, or *pss*) in Windows Explorer or another file utility. This starts ATM and opens the font sample window for the font file you double-clicked.

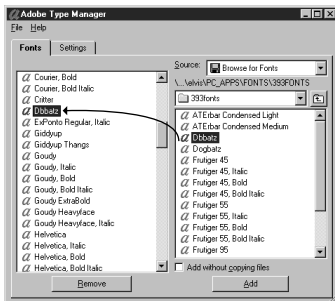
ADDING FONTS

Installing fonts with ATM ensures the most trouble-free use of PostScript fonts.

Note: Adobe Type 1 outline fonts are licensed on a per-computer basis. If you use fonts on a network, be sure you're licensed for the number of computers using the fonts. Contact Adobe at 800-682-3623 for details on site licensing.

To add a font:

- 1 In ATM, click the Fonts tab.
- 2 Choose Browse for Fonts from the Source drop-down list to add fonts from a local hard disk, CD-ROM, floppy disk, or network drive. Locate the folder that contains the font files you want.
- 3 If you want to add fonts without copying any font files to your hard disk, select Add without Copying Files. This is useful if you use fonts from a CD-ROM or network disk. If a network drive goes off line, or if you do not have the correct CD-ROM available, font names remain installed but the fonts may not display or print correctly.
- 4 Do one of the following:
 - o Drag and drop the selected fonts to the Destination list.
 - o Click the Add button.



REMOVING FONTS

You may want to remove a font you no longer use. You can remove the font files completely from your hard disk or just remove the font, leaving the font files on the disk. If you remove a font's files from your hard disk and later need that font again, you must reinstall it from the original disk.

To remove a font:

- 1 In ATM, click the Fonts tab.
- 2 Select the fonts you want to remove.
- 3 Click the Remove button. You can also right-click a font or a selection of fonts and choose Remove.
- 4 For each font in your selection, ATM prompts you. Choose one of the following options:
 - o To delete font files, select Remove Font Files from Disk.
 - o If you are not certain whether the font is on your own hard disk or a network disk, click Properties to verify the location of the files that will be removed.

Note: If you are about to remove files from a network disk and other people may be using them, click Cancel to close the Properties dialog box and make sure Remove Font Files from Disk is deselected.

5 Choose one of the following options:

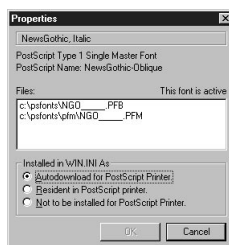
- o Click Yes to confirm removal of the font named in the dialog box.
- o Click Skip to leave the font installed and go to the next selected font.
- o If you don't need to check the Properties of each font, click Yes To All to remove all selected fonts.

VIEWING FONT PROPERTIES

The Font Properties dialog box lets you verify the files that correspond to each font. You can also use it to check printing options.

To view font properties:

- 1 In ATM, click the Fonts tab.
- 2 Right-click any font and choose Properties. Then click Cancel.



Using Multiple Master Fonts



ou can use multiple master fonts as you would any other

Post Script Type 1 font. The main difference is that multiple master fonts let you create your own variations on the base design.

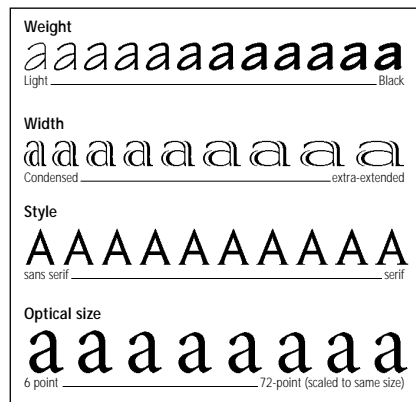
ABOUT MULTIPLE MASTER FONT DESIGNS

Each multiple master font consists of two parts: the multiple master font itself (called the *base font*) and one or more *instances* of the font. An instance is a particular rendition of the font that varies from other instances in one or more attributes such as weight or width. Because the base font stores information required for printing, the base font must be installed when creating instances.

Each multiple master font provides a collection of ready-to-use *primary instances* that constitute a complete typeface family. The typeface designer or manufacturer determines the selection of primary instances to provide a useful palette of fonts. One of the primary instances is designated the *default instance*. The default instance is the instance displayed when you select a multiple master base font.

Each multiple master includes one or more *design axes*. A design axis is a variable typeface attribute, such as weight, width, style, or optical size.

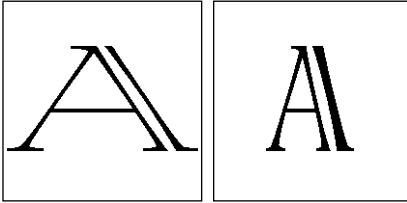
To find out which design axes are included with a given multiple master font, see your multiple master font package. If you have already installed the multiple master font, you can see the design axes available for that typeface in ATM. For information about modifying multiple master fonts, see “Creating custom instances” on page 11.



You can vary attributes within the range of each design axis.

Multiple master instances are named in the format *Family_design coordinates* where *Family* is the name of the typeface and *design coordinates* identifies a particular instance by a string of numbers and letters. For example, an instance of the Tekton multiple master font is named TektoMM_240 RG 564 NO.

The design coordinates consist of alphanumeric combinations for each design axis in the font. If the font has a single design axis, there is a single alphanumeric combination (for example, 240 RG for regular weight). If there are two design axes, there will be two alphanumeric combinations, and so on.



Instance names, like VivaMM_250 LT 1500 XE (left) and VivaMM_385 RG 400 CN (right), indicate each font's design attributes.

Within the design coordinate name, the numbers indicate the position of the instance along the design axis. The letters indicate style (regular, bold, condensed) for a primary instance, or the design axis (weight, width, optical size) for a custom instance.

The labels for primary instances included in a multiple master font package use uppercase abbreviations (*XL* for extra-light), while custom instances use generic lowercase abbreviations (*wt* for weight and *wd* for width).

Note: Some font menus and lists in Windows applications are limited in width. Longer instance names may appear clipped.

CREATING CUSTOM INSTANCES

You create *custom instances* by selecting positions along each of the design axes in the multiple master font, and adding instances. After that, the custom instance name appears in ATM and in your applications' font menus and lists.

To install one of the primary instances that comes with a multiple master font, add it as you would any other font from its installation disk. See "Adding fonts" on page 7. You can also use the Primaries button as explained below.

To create a custom instance:

- 1 In ATM, click the Fonts tab.
- 2 From the Source drop-down list, choose Create Multiple Masters.
- 3 From the Multiple Master Base Font drop-down list, choose the multiple master font you want to work with.
- 4 If you want to start from one of the base font's primary instances, click Primaries. Make sure Show Primary Instances is selected. Double-click an instance to display a sample of it in ATM. When you're done, click Close.
- 5 If desired, adjust the size of the sample text by dragging the slider to the right of the sample. This only affects the sample display, not the instance itself.

Tip: You can edit the text by right-clicking in the sample and choosing *Edit Sample Text*. Type a new sample and press *Enter*.

6 Adjust the design axis values for the instance by dragging the sliders or by entering a new value in the numeric field. Each design axis has its own slider.

7 Select Bold, Italic, or both. Not all styles are available for all multiple master fonts. View the result in the Sample box.

8 When you are satisfied with the design, drag the sample or the instance name under the slider and drop the instance on the Destination list.

Tip: You can also select a destination in the Destination list and click Add to generate the new instance as you have specified it or click Add All Styles to generate all available styles for the custom instance, such as bold, italic, or bold italic.

To see what instances have been added for a multiple master base font:

- 1 In ATM, click the Fonts tab.
- 2 From the Source drop-down list, choose Create Multiple Masters.
- 3 From the Multiple Master Base Font drop-down list, choose a multiple master base font.
- 4 Click Primaries.
- 5 Select Show Installed Instances.

6 If you want to modify one of the instances, select it and click Select or double-click the instance name. Then either drag the window aside or click Close to modify the instance in ATM.

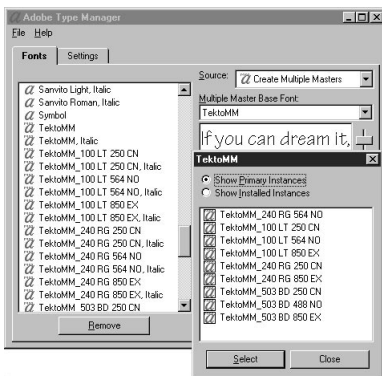
REMOVING MULTIPLE MASTER FONTS AND INSTANCES

To remove custom instances you no longer need, just remove them as you would any other Type 1 font. Follow the steps provided in “Removing fonts” on page 8.

USING CUSTOM INSTANCES YOU HAVE NOT CREATED

You can open documents that use instances you may not have created on your system. As long as you have the correct multiple master base font installed, ATM renders these fonts as needed—for the individual document.

Applications vary in the way they handle these on-the-fly instances. Some place the instance name in the application font menu, some display and print the instance correctly but do not place it in the font menu, and some alert you to the presence of the instance in a document so that you can create it yourself.



Customizing Adobe Type Manager

ATM includes features that ensure you get the font you want on screen and from the printer. You can customize these and other features to suit your work style.

TURNING ATM ON AND OFF

By default ATM is turned on upon installation. However, you can turn it off at any time. For example, you might want to turn off ATM when trying to troubleshoot a system problem.

To turn ATM on and off:

- 1 In ATM, click the Settings tab.
- 2 For ATM System, click On or Off.
- 3 Click the close box to close ATM. When prompted, click Restart to restart Windows immediately and see the changes or click Continue to see your changes the next time you start Windows.

ADJUSTING THE ATM CACHE SIZE

ATM uses a *cache*—a portion of system memory used to store font data created by ATM. A large font cache may speed up scrolling and other screen displays of fonts but can limit the amount of memory available to other applications. The default cache size is 256K. If you typically use many different fonts on a single page, you may want to experiment with a larger cache size.

To adjust the ATM cache size:

- 1 In ATM, click the Settings tab.
- 2 Click the up or down arrows next to ATM Font Cache to change the amount of memory reserved for the cache.

- 3 Click the close box to close ATM. When prompted, click Restart to restart Windows immediately and see the changes or click Continue to see your changes the next time you start Windows.

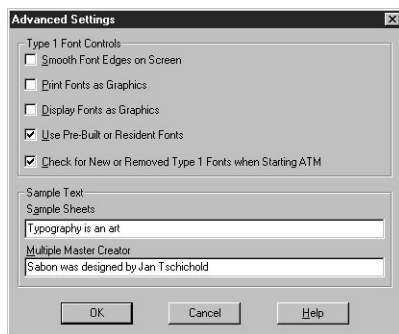
CUSTOMIZING AND PRINTING SAMPLE SHEETS

Previewing fonts on-screen can help you decide whether a font is appropriate for your current job. Printed copies can also be given to others who get printed output from your system. The printed sample sheet has the same information as the on-screen version, plus a sample paragraph in 14-point type.

You can customize the sample text you see on-screen and in printed sample sheets. For information on previewing fonts on-screen, see “Previewing fonts” on page 7.

To change the sample text:

- 1 In ATM, click the Settings tab.
- 2 Click Advanced. For Sample Text, modify the text in the Sample Sheets box. Then click OK. The change takes effect the next time you display or print a sample sheet.



To print a sample sheet:

- 1 In ATM, click any tab that shows individual fonts.
- 2 Select one or more fonts for which you want to print sample sheets.
- 3 Right-click a selected font and choose Print > Sample Sheets.
- 4 If necessary, adjust settings for your printer. Then click OK.

Tip: You can also print a sample sheet from the sample sheet window. Open a sample sheet window as described in “Previewing fonts” on page 7. Then choose Sample > Print, adjust printer settings as needed, and click OK. This is the way to print a sample sheet for a font you have not added to your system.

CHANGING THE LOCATION FOR NEW FONTS

When you add a font to your system, you can designate whether ATM copies the font files to your hard disk or leaves them on their source disk (see “Adding fonts” on page 7). When you first installed ATM, you chose a default location for font files. You can change that location at any time using the Settings tab in ATM.

Note: If you change the location and then add a font already on your system, ATM will detect the duplicate and will ask you which copy to use.

To specify a location for font files:

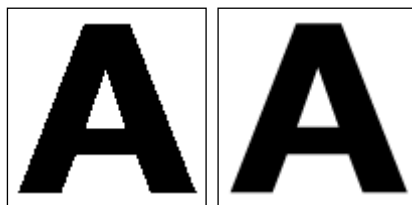
- 1 In ATM, click the Settings tab.
- 2 Under Target Folders for New Fonts, type a folder path for PostScript font outline files, PostScript font metrics files. To locate an existing folder, click the appropriate Browse button, locate and open the folder, and click Select.

SMOOTHING ON-SCREEN FONTS

ATM has always improved the appearance of Type 1 fonts on-screen by smoothing out the jagged edges inherent in video displays. The new version of ATM goes a step further by using *anti-aliasing*—a technique for blending colors along an edge to provide a smoother, softer edge to your Type 1 fonts on-screen. Although anti-aliasing can make screen fonts appear smoother, using this feature can slow down type-intensive displays on some systems. In that case, it may help to increase your font cache. See “Adjusting the ATM cache size” on page 13 for more information.

To smooth PostScript screen fonts:

- 1 In ATM, click the Settings tab.
- 2 Click Advanced.
- 3 Select Smooth Font Edges on Screen and click OK.



Smoothing off

Smoothing on

CUSTOMIZING FONT HANDLING

ATM has several options that let you specify how fonts appear on-screen and how they image to a printer. Several settings are designed to address configuration-specific issues.

To customize font handling settings:

- 1 In ATM, click the Settings tab.
- 2 Click Advanced.
- 3 Select or deselect the options described below and click OK.

Smooth Font Edges on Screen. Smooths the edges of fonts for on-screen display.

Print Fonts as Graphics. Sends fonts to the printer as graphic images rather than downloading the font file itself. This setting may help older PCL printers that cannot use downloadable fonts or when printing documents with mixed text and graphics that don't print correctly. Printing time may increase.

Display Fonts as Graphics. Sends fonts to your monitor as graphic images instead of generating screen fonts from the font files. Use this setting only if you are having difficulty with on-screen font displays. Screen redraw time may increase slightly.

Use Pre-Built or Resident Fonts. Uses bitmap fonts installed in Windows for screen fonts and bitmap fonts resident in the printer for printing. Bitmap fonts take up hard-disk space but can help certain applications display and print documents more quickly.

Check for New or Removed Type 1 Fonts When Starting ATM. Tells ATM to manage PostScript fonts installed or removed by a program other than ATM. When this setting is selected, the next time you start ATM it automatically adds PostScript fonts installed by another program.

Printing



dobe Type Manager has a number of settings for controlling how fonts are sent from system to printer. If you want to print your documents on a system other than the one on which they were composed, you may have to take some additional steps in your application to ensure your document is printed with the correct fonts.

PRINTING FILES ON OTHER COMPUTERS

To print a document on another computer, you have two choices:

- o Create a *print file* or *print-to-disk file*, a file created when an application sends printing information for a document to a file instead of to a printer.
- o Ensure that both computers have the same fonts.

Printing to a file

If you are taking your file to another location for output, the new computer does not need to have ATM or all of your same fonts installed, providing you first create a print file. When printing to a non-PostScript printer, this is often as easy as selecting Print to File in your Print dialog box. If your application does not have a print-to-file option, follow the steps explained in Windows Help. Choose Start > Help, click the Index tab, and search for “print to file.”

If the printer you will use is a PostScript printer, you need to make a PostScript print file and save the necessary fonts with that file. Most applications that can create a PostScript file also have an option for saving the fonts with the file. Consult your application documentation for creating PostScript print files with the fonts you need.

Once you have a print file, you can take that file to another system and use the DOS copy /b command to send it to a printer without opening it. For more information on copying a file to a printer, consult your DOS documentation.

Multiple master issues

If it's necessary to open a file in an application to print it, the system from which you print needs to have the same Type 1 fonts as are used in the document. In addition, if your document uses multiple master fonts, you should make sure that the system from which you print has the following software installed:

- o The same version of the application that you used to create the document
- o ATM version 3.0 or later
- o The multiple master base fonts corresponding to the multiple master instances used in the document

Note: *Some newer multiple master fonts may require ATM 4.0 or later to print.*

You may not need each custom instance used in a document in order to print a document using multiple master fonts. Some applications, like Adobe Pagemaker, Adobe Persuasion®, and Microsoft Word can recreate custom instances automatically for documents that need them; other applications cannot. If in doubt, check with the manufacturer; also make sure that you are using the latest version of the application.

If your application can't re-create custom instances on other computers, you must install your custom instances on the system from which you will print or give those instances to the service provider that will print your file.

Note: *While it is legal to give your service provider multiple master custom instance files, it is illegal to give them multiple master base fonts (or any other Type 1 font). Always make sure your service provider owns a license for the appropriate multiple master base font or any other fonts needed for your job. (See the license agreement included with your font.)*

SETTING DOWNLOAD OPTIONS FOR THE MICROSOFT POSTSCRIPT DRIVER

If your system uses the Microsoft PostScript printer driver, you can choose where the printer driver looks for fonts when you print. This choice can affect whether you get the correct font from the printer. The option you choose in the Settings tab affects all future fonts you add, but you can also adjust these options for individual fonts.

In choosing the best option, you need to consider the impact on the WIN.INI file, an important Windows configuration file. For each PostScript font you add to your system, ATM adds a reference to the

WIN.INI file indicating the location of the font metrics file and (if you use the autodownloading option) the font outline file. In addition, ATM adds one such reference for each printer port used by the Microsoft PostScript driver. If you have installed multiple PostScript printers on different ports (regardless of what is physically connected to your computer), ATM adds a reference for each port for every installed font on your system, causing the WIN.INI file to grow in size.

As the file size approaches 64K (the maximum allowable size), you could have unpredictable system problems. To keep the WIN.INI file smaller, try one or more of these suggestions:

- o Use the Adobe PostScript printer driver, which doesn't use the WIN.INI file.
- o If you have PostScript printers installed on multiple ports that you don't use, choose Start > Settings > Printers and delete the printers you don't use. For more information, refer to Windows online help.
- o If your printer has fonts installed on its hard disk or if you use a font downloading utility to download fonts to your printer's RAM, designate those fonts as resident in the PostScript printer (see the procedures below).
- o Use the "Mark as Not to Be Installed for the PostScript Printer" option (see the procedure below and note the limitations of this option).
- o Shorten the path of your font files by installing them to folders such as c:\f and c:\f\pfm. See "Changing the location for new fonts" on page 14.

To set font download options when using the Microsoft PostScript driver:

- 1 In ATM, click the Settings tab.
- 2 Click MS PostScript Driver.



- 3 For new fonts that you add, select one of the options described below and then click OK.

- o Select Mark as Autodownload for PostScript Printer to send each font to the printer automatically when it is needed. This ensures that the font will print correctly each time but creates the longest entry in the WIN.INI file.
- o Select Mark Fonts as Resident in PostScript Printer for fonts that are on your printer's hard disk or that you download to the printer's RAM. If a font is not at the printer, it won't print correctly. This setting creates a shorter entry in the WIN.INI file for each font.

o Select Mark as Not to Be Installed for the PostScript Printer to have ATM send only those characters of a font needed for correct printing. This setting requires no reference in the WIN.INI file but may not produce correct results for applications that generate their own PostScript code, such as PageMaker and QuarkXPress.

To modify font download options for an individual font when using the Microsoft PostScript driver:

- 1 In ATM, click any tab that shows individual fonts.
- 2 Right-click on any font and choose Properties. For Installed as, select an option as explained in the previous procedure. Then click OK.

Troubleshooting

This section contains solutions to problems with installing or using Adobe Type Manager. For more information, see the ATM Read Me file included with your software. Use any word processor or text editor to open and read the file.

Characters appear incorrect on-screen or when the document is printed.

Make sure of the following items:

- o ATM is installed.
- o The ATM program is turned on in the ATM Settings tab.
- o You are using a PostScript Type 1 font that is installed in ATM.
- o You restarted Windows after you installed the ATM program.
- o Your printer is set for the highest resolution in its setup dialog box.

Characters appear incorrect on-screen but print properly on a PostScript printer.

For each font that is *resident* or built into your printer, install the corresponding font in ATM. For more information, see “Adding fonts” on page 7.

Characters don’t appear on-screen, or computer system or printer performance seems slow.

Increase the size of the font cache. The default setting is 256K. For graphic arts applications, you may want to use a font cache of 512K or larger. For more information, see “Adjusting the ATM cache size” on page 13.

Fonts don’t appear in the application font menu.

Try the following solutions:

- o In ATM, make sure the fonts have been added. A font has been added if its name appears in the list in the Fonts tab. If you don’t see the names of your fonts, add the fonts again as explained in “Adding fonts” on page 7.
- o Right-click the font and choose Properties. ATM will tell you if the font files are missing or corrupted.
- o Reinstall the font.
- o Restart the application.
- o Reselect your printer from within the application.

You add several fonts in the same typeface family, but you only see a few of them in your applications’ font menus.

Make sure the fonts are installed properly. For more information, see “Adding fonts” on page 7. Next, see if the font names have a comma in them, indicating a *style link*—fonts in a typeface family that differ only in the style attributes bold, italic, and bold italic. Style linked fonts don’t appear in font menus, but all fonts are available by applying the application’s bold and italic attributes.

Windows can only apply four styles (normal, bold, italic, and bold italic). As a result, typeface families that have many variations (such as semibold or black) may consist of multiple style-linked fonts.

In addition, Type 1 fonts have PostScript names, which may not be the same as the names that appear in ATM, nor in your font menus.

Tip: To see a font's PostScript name, double-click the font to open its sample sheet or right-click the font in ATM and choose *Properties*.

For example, the Adobe Garamond family has six fonts with the following PostScript names:

- o AGaramond-Regular
- o AGaramond-Semibold
- o AGaramond-SemiboldItalic
- o AGaramond-Italic
- o AGaramond-Bold
- o AGaramond-BoldItalic

The corresponding names in ATM are:

- o AGaramond
- o AGaramond, Bold
- o AGaramond, Bold Italic
- o AGaramond, Italic
- o AGaramond Bold
- o AGaramond Bold, Italic

Each font name with no comma appears in your font menus; the others do not. Consequently, the above fonts would appear on your font menus only as:

- o AGaramond
- o AGaramond Bold

To get AGaramond-Semibold, you must apply the bold attribute to text using AGaramond (this actually uses AGaramond, Bold—the font with a comma). To get AGaramond-Bold, you simply apply AGaramond Bold (the font with no comma) to text.

Multiple master custom instances appear in one document but are not available to other applications.

Some applications, such as Adobe PageMaker and Microsoft Word, can create a custom instance as needed if the original multiple master font has been installed. A document that requires a specific custom instance will appear correctly on-screen and print correctly even though the specific custom instance is not installed. To make a custom instance available to your other documents and applications, create it using ATM, as explained in “Creating custom instances” on page 11.

The PostScript Driver button is dimmed in the Settings tab and the Installed in WIN.INI as settings in the font Properties dialog box are dimmed.

These options are dimmed unless you have added a PostScript printer using the Microsoft PostScript driver. Other drivers, such as the Adobe PostScript driver, don't need these options.

INDEX

Add Without Copying option 8

adding fonts 7–8

Adobe Systems Incorporated

FaxYI System 5

homepage on WWW 5

products and services 5

Adobe Type Manager

installing 6

new features 6

opening 6

removing 6

troubleshooting problems 19

turning on and off 13

uninstalling 6

anti-aliasing fonts 14

ATM Font Cache option 13

ATM see Adobe Type Manager

ATM.INI 6

Base font 10

bitmap fonts 15

Browse for Fonts option 8

Cache, font 19

Check for New or Removed Type 1 Fonts When

Starting ATM option 15

Create Multiple Masters option 11, 12

custom instances

creating 11–12

defined 11

printing documents with 17

troubleshooting 20

using documents with 12

Default instance 10

deleting

fonts 8

instances 12

design axis 10

design coordinates 11

Display Fonts as Graphics option 15

download options setting 17–18

Font cache 13, 19

font substitution 7

fonts

adding 7–8

anti-aliasing 14

bitmap 15

licensing 7

multiple master 10–12

not appearing in menus 19–20

previewing 7

properties 8

removing 8–9

smoothing 14

Installing ATM 6

instances

defined 10

removing 12

viewing 12

Licensing fonts 7

Microsoft PostScript driver options 17–18

multiple master fonts 10–12

custom instances 11–12

design axes 10

naming conventions 10–11

printing issues 16–17

removing 12

Opening ATM 6

Performance troubleshooting 19

Post Script fonts, setting download options for 17–18

previewing fonts 7

primary instances see also instances 10

print file 16

Print Fonts as Graphics option 15

printing

from another computer 16–17

setting download options 17–18

to PCL printers 15

print-to-disk file 16

properties 8

Removing

ATM 6

fonts 8–9

Sample sheets 13–14

sample text, changing 13

Show Installed Instances option 12

Show Primary Instances option 11

Smooth Font Edges on Screen option 15

smoothing fonts 14

supported fonts 5

system requirements 5

SYSTEM.INI 6

Technical support 5

troubleshooting 19–20

Uninstall option 6

Use Pre-built or Resident Fonts option 15

Viewing

instances 12

properties 8

WIN.INI file 6, 17

STANDARD CHARACTER SET

Character Access Chart for Microsoft Windows Applications

KEY CAP	CHAR	SHIFT CHAR	KEY CAP	CHAR	SHIFT CHAR	KEY CAP	CHAR	SHIFT CHAR
A	a	A	Q	q	Q	7	7	&
B	b	B	R	r	R	8	8	*
C	c	C	S	s	S	9	9	(
D	d	D	T	t	T	0	0)
E	e	E	U	u	U	`	`	~
F	f	F	V	v	V	-	-	_
G	g	G	W	w	W	=	=	+
H	h	H	X	x	X	[[{
I	i	I	Y	y	Y]]	}
J	j	J	Z	z	Z	\	\	
K	k	K	1	1	!	;	;	:
L	l	L	2	2	@	'	'	"
M	m	M	3	3	#	,	,	<
N	n	N	4	4	\$.	.	>
O	o	O	5	5	%	/	/	?
P	p	P	6	6	^	SPACE BAR		

To access the characters on this page only, hold down the Alt key and use the numeric keypad to type a zero followed by the ASCII Character Code.

CHAR	ASCII CHAR CODE	CHAR	ASCII CHAR CODE	CHAR	ASCII CHAR CODE	CHAR	ASCII CHAR CODE
,	130 ⁺	..	168	Æ	198	ä	228
<i>f</i>	131 ⁺	©	169	Ç	199	å	229
„	132 ⁺	ª	170	È	200	æ	230
...	133 ⁺	«	171	É	201	ç	231
†	134 ⁺	¬	172	Ê	202	è	232
‡	135 ⁺	>	173	Ë	203	é	233
^	136 ⁺⁺	®	174	Ì	204	ê	234
‰	137 ⁺	¯	175	Í	205	ë	235
Š	138 ⁺	°	176	Î	206	ì	236
<	139 ⁺	±	177	Ï	207	í	237
Œ	140 ⁺	²	178	Ð	208	î	238
‘	145 ⁺	³	179	Ñ	209	ï	239
,’	146 ⁺	´	180	Ò	210	ð	240
“	147 ⁺	µ	181	Ó	211	ñ	241
”	148 ⁺	¶	182	Ô	212	ò	242
—	150 ⁺	·	183	Õ	213	ó	243
—	151 ⁺	¸	184	Ö	214	ô	244
~	152 ⁺	¹	185	×	215	õ	245
™	153 ⁺	º	186	Ø	216	ö	246
š	154 ⁺	»	187	Ù	217	÷	247
>	155 ⁺	¼	188	Ú	218	ø	248
œ	156 ⁺	½	189	Û	219	ù	249
ÿ	159 ⁺	¾	190	Ü	220	ú	250
ı	161	¿	191	Ý	221	û	251
¢	162	À	192	Þ	222	ü	252
£	163	Á	193	ß	223	ý	253
¤	164	Â	194	à	224	þ	254
¥	165	Ã	195	á	225	ÿ	255
¦	166	Ä	196	â	226		
§	167	Å	197	ã	227		



Adobe CustomerFirst® Technical Support

Technical Support Plans

When you register Adobe Type Manager, you receive technical support from the Adobe CustomerFirst program

CustomerFirst offers a variety of extended support options for person-to-person technical support:

- Per-incident 900 number support at \$2 per minute. For Macintosh, call 900-555-3300; for Windows, call 900-555-2200.
 - Flat fee of \$25 per call. For Macintosh and Windows, call 206-441-5142.
 - For information about CustomerFirst Alliance annual support plans, call 800-685-3652.
-

Other Technical Information Resources

CustomerFirst also provides on-line and automated technical information, available 24 hours a day, 7 days a week.

By Fax

Call our Fax/line at 206-628-5737 and have faxed back to you any of more than 1,400 technical reference documents, fact sheets, and answers to commonly asked questions.

By E-mail

Send e-mail to techdocs@adobe.com and have any of over 1,400 technical reference documents, fact sheets, and answers to commonly asked questions back to you by e-mail.

By Internet

Visit our home page on the World Wide Web at <http://www.adobe.com> to browse through and download information and technical reference documents, as well as software updates, drivers, filters, and patches.

By Modem

Dial up Adobe's bulletin board system (BBS) at 206-623-6984 to download information and technical reference documents, as well as software updates, drivers, filters, and patches.

By On-line Services

Go to our Adobe forums to communicate with other Adobe customers to discover solutions to and exchange ideas.

- CompuServe: Type ADOBEAPP at the GO prompt.
- America Online: (AOL): Type ADOBE in the "Keyword" dialog box ("Go to" menu).
- The Microsoft Network® (MSN®): Type ADOBE at the "Go To" (Edit view, "Go To" command).