

AdobeSM Customer Services

Contents of the ATM.INI File

The following section contains technical information about the ATM™ initialization file. This file is divided into seven sections: Fonts, Setup, Settings, Mono, Aliases, Synonyms, and Colors. This information is taken from the README.TXT file that came with ATM.

FONTS

This section contains a list of all fonts installed with ATM and the locations of the PostScript™ PFM and PFB files for each font. Fonts listed here are available to all non-PostScript printers for screen display and printing. Fonts available to PostScript printers are based on PostScript softfont entries in the specific printer section of the WIN.INI file and the ROM-based fonts in the printer. If a font is listed in both WIN.INI and ATM.INI, ATM will rasterize the font to the screen. Printing fonts to PostScript devices is solely the responsibility of the PostScript driver and Windows. ATM does not have to be active when printing to PostScript devices.

Although a particular application will allow you to italicize a certain font, or make it bold, the PostScript printer will not render type as bold or italics unless an outline for the bold or italic font is available. On non-PostScript printers, however, ATM will synthesize a bold, italic, or bold italic version of a font based on the Roman outline, if the outline of the desired font style is not present. When the ATM 2.5 Installer creates the Fonts section of the ATM.INI, it adds all the PostScript fonts found in the installation disk as well as any PostScript fonts listed as softfont entries for PostScript printers in the WIN.INI file. If you are upgrading from a previous version of ATM, the Installer also adds all the fonts listed in the current ATM.INI file.

SETUP

`PFM_Dir`

This is the default PFM directory for the ATM Control Panel when adding PostScript fonts.

`PFB_Dir`

This is the default PFB directory for the ATM Control Panel when adding PostScript fonts.

SETTINGS

FontCache=96

This setting specifies the size of the font cache in kilobytes. The option can be configured through the ATM Control Panel. The default is 96K. This value should not be set to more than 64K for each megabyte of physical memory.

ATM=On

This setting determines whether or not ATM is loaded at Windows startup time.

BitmapFonts=On

This switch is set with the Use Pre-Built or Resident Fonts check box in the ATM Control Panel. When this switch is on, ATM will defer to screen fonts, resident printer fonts, and printer softfonts rather than rasterize the font itself, if the bitmap of the font requested is available. If you change this switch, you do not need to restart Windows for the change to take effect; however, you must restart individual applications for the setting to take effect. The default setting is On.

SynonymPSBegin=9

This value specifies the point size at which ATM starts using bitmap deferral for font pairs listed in both the Aliases and Synonyms sections. The default is 9. Do not change this setting.

QLCDir

This indicates the path of the ATM QuickLoad file, ATM FONTS.QLC. It contains a list of installed fonts and font metrics, which reduces Windows' startup time. Force ATM to rebuild this file by deleting the file with the MS-DOS DEL command and restarting Windows.

ScanBufSize=16 (ATM 1.x only)

This defines the size of the off-screen bitmap buffer. Before ATM sends a bitmap to a device (screen or printer), it creates the bitmap off-screen in 16K chunks. Do not change this setting. If ATM 2.x was upgraded over a older version of ATM, this setting will remain in the ATM.INI file. This line can be left in or removed from the ATM.INI file with no change in the way ATM 2.x operates.

Version=2.5 (ATM 2.x only)

This value enables the ATM Installer to determine the version of ATM when ATM is not active; otherwise, the Installer determines the version of ATM from the ATM DLL.

DownloadFonts=On (ATM 2.5 only)

This switch instructs ATM to print text as softfonts for Windows 3.1 printer drivers that support this feature.

MONO

Courier=Yes
LetterGothic=Yes
PrestigeElite=Yes
Orator=Yes

This section contains a list of monospaced fonts.

ALIASES

This section tells ATM to substitute the font on the right of the equal sign for the font on the left of the equal sign when an application requests the font on the left of the equal sign. The ATM Installer defines aliases for the fonts `Helv`, `Tms Rmn`, `Courier`, `Roman`, and `Modern`. When the `Use Pre-built or Resident Fonts` option is turned on, ATM uses the resident bitmapped fonts for point sizes for which bitmaps exist. When the `Use Pre-built or Resident fonts` option is turned off, ATM uses the PostScript outline font to rasterize all sizes of the aliased bitmapped font.

`Helv=Helvetica`
`Tms Rmn=Times`
`Courier=Courier`
`Modern=Helvetica`

The fonts left of the equal signs are Windows bitmapped fonts. By using PostScript outline fonts, ATM can rasterize a smooth font when these fonts are requested at sizes not available in bitmapped form. These settings enable `Roman=Times` ATM to use PostScript outlines instead of the standard Windows vector fonts.

`Courier=Courier`

This setting is needed if an application requests the smallest available fixed-pitch font. If this line is not present, ATM provides some applications with a 1-point Courier font.

`Helv=Arial MT`
`Helvetica=Arial MT`
`Times=TimesNewRomanPS`
`Tms Rmn=TimesNewRomanPS`

If you received ATM bundled with another application, you might have the fonts `Arial MT` and `TimesNewRomanPS` instead of the standard fonts, `Helvetica` and `Times`. You should have these lines present in both the `Aliases` and `Synonyms` sections. These settings tell ATM to use internal printer fonts when printing `Arial MT` and `TimesNewRomanPS` to a PostScript printer. This reduces the time required to print documents and improves the quality of bold and italic text styles. If you have all four faces (`Helvetica`, `Times`, `Arial MT`, and `TimesNewRomanPS`), you should use the font pairs `Helv=Helvetica` and `Tms Rmn=Times` in these sections.

SYNONYMS

Helv=Helvetica
Tms Rmn=Times
Courier=Courier

Unlike font pairs in the Aliases section, font pairs in the Synonyms section are interchangeable. This means that when the font Helv is requested at a point size not available in bitmapped form, the font Helvetica will be used. In Windows 3.0 and 3.0a, when Helvetica is requested and a bitmapped Helv font of the exact size is available, ATM will use the Helv bitmap to display the font on the screen. In Windows 3.1, the screen fonts Helv and Tms Rmn have been replaced by MSSans Serif and MS Serif, so screen font deferral does not apply.

COLORS

This section may be added to the ATM.INI to override internal ATM defaults. The switch is global for all applications. Although enabling this switch might be useful for a special purpose in a particular application, it can also produce unexpected results in other applications.

PrintColorGraphics=Off

This switch instructs ATM to print colored text as softfonts under Windows 3.1 rather than as dithered graphics. The printer driver must support softfont creation for this switch to work. For most printer drivers, the resulting softfonts print as black or white fonts.