

## Contents

The following Help Topics are available:

[About PostScript Font Downloader](#)

[PostScript Font Downloader Procedures](#)

[PostScript Font Downloader Options](#)

For Help on Help, Press F1

## **PostScript Font Downloader**

Use the PostScript font downloader utility from Windows to manually download font software to a PostScript printer. To prepare for downloading, you can view fonts, create font groups, and install devices such as a hard disk or cartridge for storing fonts.

## Options Contents

The following PostScript font downloader options topics are available:

[Font Downloader dialog box](#)

[Download](#)

[Create Font Group...](#)

[Delete Font Group...](#)

[Other...](#)

[Device Installer...](#)

[Help](#)

[Exit](#)

## Procedures Contents

The following PostScript font downloader procedures topics are available:

[Downloading Fonts](#)

[Displaying a List of Fonts](#)

[Printing a List of Fonts](#)

[Working with Font Groups](#)

[Installing/Removing a Font Device](#)

[Formatting a Font Device](#)

[Checking and Entering a Printer Password](#)

[Clearing the Font Cache](#)

[Resetting the Printer](#)

[Downloading a PostScript file](#)

[Working with Printers](#)

## Downloading Fonts

[Downloading fonts](#) transfers them to your printer so you can print your documents in a particular font. The font downloader utility manually downloads fonts to the printer memory or font storage device (such as a hard disk) so only the fonts you need are available.

Windows printer drivers automatically download fonts selected within a document. For faster printing, you can choose to manually download fonts.

Downloading fonts to your printer memory keeps them available until you turn off your computer, reset the printer, or clear the font cache. If you don't have a [device](#) connected to your printer for storing fonts, memory is your only font device.

Downloading fonts to a device connected to your printer keeps them available until you remove them with the [List/Remove Fonts](#) option.

### To download fonts:

- 1 Select fonts from the list in the Font Downloader dialog box. You can download a maximum of 150 fonts in Windows.
- 2 Select a device from the Destination device selector. This selector lists devices that have been installed with the Device installer option.
- 3 Click Download.

**TIP:** To see which fonts have been downloaded, select List/remove fonts using the Other option.

## Related Topics

[Download](#)

[Download a PostScript File](#)

[Downloading a PostScript File](#)

[Reset Printer](#)

## Displaying a List of Fonts

Displays a list of [fonts](#) that have been downloaded.

To view the list for the current [device](#), select Other, then select the List/Remove Fonts option. Click OK and the List/Remove Fonts dialog box appears. To view the list for other devices, select a different device in the Target Device menu.

### Related Topics

[List/Remove](#)

[Printing a List of Fonts](#)

## Printing a List of Fonts

Prints a list of [fonts](#) currently downloaded.

In the Font Downloader dialog box, select Other/Print Font Listing and click OK. The Print Font Listing dialog box appears. To see a list of all font names, select Print Font List and click OK. To see all characters in each typeface, click Print Font Samples.

### Related Topics

[Print Font Listing](#)

[Displaying a List of Fonts](#)

## Working with Font Groups

Fonts in a group can be downloaded all at once. To do so, create a [font group](#) to group related fonts under a name you assign.

### To create a group:

- 1 In the Fonts Available list, select fonts for the group. To select contiguous fonts for the group, click the first font and then click the last font while holding down the Shift key. To select non-contiguous fonts for the group, click the desired font while holding down the Ctrl key.
- 2 Click Create Font Group. A dialog allowing you to enter a group name appears.
- 3 Enter the group name and click OK. The group name is added in parentheses to the top of the Fonts Available list in the Font Downloader dialog box.

To download all fonts in the group, select the group name in the Fonts Available list and click Download.

To delete a group, select the group name and click Delete Font Group. Deleting a font group deletes the group name, not the fonts themselves.

**TIP:** Create font groups for different kinds of documents. For example, you can download a set of fonts for reports and proposals, then later clear these fonts and download a set of fonts for personal letters.

### Related Topics

[Create Font Group](#)

[Delete Font Group](#)



## Installing/Removing a Font Device

Font [devices](#) are hard disks, CD-ROM disks, and cartridges that store permanently downloaded fonts. Each font device must be connected to your printer, installed, and [formatted](#) before it can store fonts.

### To install a font device:

- 1 Connect the device to your printer.
- 2 Select Device Installer from the Font Downloader dialog box.
- 3 Click Add New and select a device type: magnetic hard disk, CD-ROM disk, font cartridge, or magnetic cartridge.
- 4 Click Add.
- 5 Make the following selections for the new device:  
Select Read Font Metrics Files if the device already contains fonts; leave this option unchecked if you are installing a new, blank hard disk or cartridge.  
Select Volatile if you are installing a memory device. Select Writable if you are installing a magnetic hard disk or magnetic font cartridge.
- 6 Click Add.
- 7 Enter a name for the device.
- 8 If you are installing a magnetic hard disk or CD-ROM, select the device's disk number. If you are installing a magnetic cartridge or font cartridge, select the number or letter of the slot that contains the cartridge.
- 9 Click OK.

If you selected Read Font Metrics in step 5, the Add Font Metrics dialog box appears.

To install font metrics files:

- 1 Click Read AFM/INF Files. If the AFM/INF option is unavailable, click Read PFM Files to display font metrics files.
- 2 Select files in the Files In list.
- 3 In the Target directory box, type in a target directory for the files or leave PSFONTS as the default target directory.
- 4 Click Select.
- 5 Click Install Metrics.

To remove a font device, click Device Installer, select the device, and click Remove.

### Related Topics

[Device Installer](#)

[Formatting a Device](#)

[Format Device](#)

## Formatting a Font Device

[Font devices](#) must be [formatted](#) before they can store fonts and other data. If your font device isn't already formatted, you can format it with the font downloader utility.

**CAUTION:** Formatting a device erases all of its data. You may want to check the device contents before proceeding.

- 1 Make sure that the device is connected to the printer according to the manufacturer's instructions, and installed with the Device Installer option on the Font Downloader dialog box.
- 2 Select Other/Format Device and click OK.
- 3 Select a device and click OK.

### Related Topics

[Format Device](#)

[Installing/Removing a Device](#)

## Checking and Entering a Printer Password

If access to your printer is controlled by a password, you must enter the password before downloading.

### To enter the printer password:

- 1 Select Other/Password and click OK.
- 2 Select Enter Password and click OK.
- 3 Select String if the password is text, or Decimal if the password is a number.
- 4 Type the password in the text box and click OK.

To make sure you have entered the correct password before you attempt to download:

- 1 Turn on your printer.
- 2 Select Other/Password and click OK.
- 3 Select Check Password and click OK.

Your printer prints a message indicating whether or not the password is correct. If it isn't, you can re-enter the password using the Password option.

### Related Topic

[Password](#)

## Clearing the Font Cache

If you have [downloaded](#) fonts to your printer memory, you can remove fonts from memory (to free up memory and optimize storage space on your printer devices) by clearing the font cache.

To clear the font cache, select Other/Clear Font Cache and click OK.

### Related Topics

[Clear Font Cache](#)

[Working with Printers](#)

## Resetting the Printer

If you have [downloaded](#) fonts to your printer memory, you can remove these fonts from memory (to free up memory and optimize storage space on your printer devices) by resetting the printer.

To reset the printer, select Other/Reset Printer and click OK.

### Related Topics

[Clear Font Cache](#)

[Working with Printers](#)

## Downloading a PostScript file

Download [PostScript files](#) to control print jobs and send applications headers and other PostScript program files to the printer.

To download a PostScript file, select Other/Download PostScript File and click OK. The Select A File To Send dialog box appears. Enter the file name and click OK.

### Related Topics

[Download PostScript File](#)

[Download](#)

[Downloading Fonts](#)

## **Working with Printers**

### **Checking printer memory**

Your printer includes memory to retain downloaded fonts and to efficiently manage print jobs.

If your available printer memory is less than 50K (50 kilobytes), you may not be able to download fonts or may have trouble printing documents.

To see how much printer memory is available before you download, select Other. Then select List/Remove Fonts and click OK. The List/Remove Fonts dialog box appears. The Bytes field displays the number of bytes available in memory. If you need to free up memory, select Other/Reset Printer and click OK.

### **Resynchronizing the printer**

You may be unable to download fonts if your printer isn't synchronized with Windows. To resynchronize your printer with Windows, select Other/Resync Printer And Windows and click OK.

### **Related Topics**

[Clearing the Font Cache](#)

[Reset Printer](#)

[Resync Printer and Windows](#)

## Font downloader dialog box

The Font Downloader dialog box appears when you choose the Font Downloader in the Fonts tab dialog. This dialog box contains the following options for downloading [fonts](#), working with font groups, installing font devices, and accessing additional font and printer management options.

[Current Printer](#)

[Fonts Available](#)

[Destination Device](#)

[Device Installer](#)

[Download](#)

[Create Font Group](#)

[Delete Font Group](#)

[Other](#)

## Related Topics

[Downloading Fonts](#)

[Working with Font Groups](#)

[Installing/Removing a Font Device](#)



## Download

Sends the fonts you select to your printer memory or font [device](#). Once you [download](#) a font, you can select it within your applications for printed documents.

**NOTE:** Before you can download a font, it must be installed with Adobe Type Manager or the Install program on your font product disk.

## Related Topics

[Downloading Fonts](#)

[Other](#)

[Device Installer](#)

[Installing/Removing a Font Device](#)

## Create Font Group

Creates a group of [fonts](#) that can be [downloaded](#) at once. Select the fonts you want in a group and enter a [font group](#) name.

When you're ready to download, select the group name from the Fonts Available list. Font groups always appear at the top of the list in parentheses.

To see which fonts are in a font group, double-click the font name in the Fonts Available list.

**TIP:** To change the name of a font group, remove it using the Delete Font Group option, reselect the fonts and enter a new name for the fonts using the Create Font Group option.

## Related Topics

[Delete Font Group](#)

[Working with Font Groups](#)

## Delete Font Group

Deletes the currently selected [font group](#) name. Deleting a font group deletes the group name, but not the fonts themselves.

### Related Topics

[Create Font Group](#)

[Working with Font Groups](#)

## Other

Accesses additional options for managing fonts, downloading [PostScript files](#), working with font [devices](#) and printers, and clearing fonts from printer memory.

[List/Remove Fonts](#)

[Print Font Listing](#)

[Download PostScript File](#)

[Format Device](#)

[Clear Font Cache](#)

[Reset Printer](#)

[Password](#)

[Set Communications Mode](#)

[Resync Printer and Windows](#)

## Related Topics

[Displaying a List of Fonts](#)

[Printing a List of Fonts](#)

[Formatting a Font Device](#)

[Checking and Entering a Printer Password](#)

[Clearing the Font Cache](#)

[Working with Printers](#)

[Downloading a PostScript File](#)

## List/Remove Fonts

Displays a list of printer-resident fonts and fonts that have been [downloaded](#). Use the Delete button to delete selected fonts from the currently selected font [device](#).

**NOTE:** You cannot use the List/Remove Fonts option to remove fonts stored in memory. To remove these fonts, select Other/Clear Font Cache or Other/Reset Printer.

### Related Topic

[Clear Font Cache](#)

## Print Font Listing

Prints a list of all [fonts](#) that have been [downloaded](#). Selecting this option displays the Print Font Listing dialog box, which contains the following options:

- \* Print Font List: Prints the name of each font
- \* Print Font Samples: Prints the name of each font in the actual typeface

## Related Topic

[List/Remove Fonts](#)

## Download PostScript File

Downloads the selected [PostScript file](#) to the printer. Typically, a PostScript language file controls print jobs and downloads application headers.

### Related Topic

[Downloading a PostScript File](#)

## **Format Device**

[Formats](#) magnetic hard disks and cartridges so that they can store downloaded fonts and other data. Before you format a device, install it with the Device Installer option.

## **Related Topics**

[Formatting a Font Device](#)

[Installing/Removing a Font device](#)



## **Clear Font Cache**

Removes [downloaded](#) fonts stored in the printer memory and optimizes storage space on all devices installed on your printer. Clearing the font cache frees printer memory so that you can download different fonts and speed print operations.

The fonts remain on the hard disk so you can download them the next time you need them.

### **Related Topic**

[Clearing the Font Cache](#)

## **Reset Printer**

Resets the printer and clears all fonts that have been downloaded to printer memory.

The cleared fonts still exist on the hard disk so that you can download them the next time you need them.

## **Related Topic**

[Checking and Entering a Printer Password](#)

## **Password**

Checks and enters the printer password. Selecting this option displays the Password dialog box containing the following options:

Check password: Verifies if the currently entered password is correct and prints a verification message

Enter password: Enters the numerical or text password you type. Click Decimal if the password is a number, or String if the password is text.

You probably do not need a password to access your printer. For more information, contact your system network administrator or see your printer documentation.

## **Related Topic**

[Checking and Entering a Printer Password](#)

## **Set Communications Mode**

Prepares the font downloader utility for stand-alone or networked parallel printers.

If you share a printer on a network; check DOS Network or AppleTalk Network, according to your type of network, and click OK.

If your printer is connected to your computer only, check No Network, and click OK.

## **Resynch Printer and Windows**

Synchronizes a serial printer to work with Windows. Once synchronized, Windows is aware of the fonts so you can select them within Windows applications.

### **Related Topic**

[Reset Printer](#)

## Device Installer

Installs or removes a hard disk, CD-ROM disk, or cartridge for [downloaded](#) fonts using the following options:

- \* Add New: Select to install a new device
- \* Remove: Removes the selected device. Once the device is removed, you can no longer select fonts to download.
- \* Device Status: Shows whether the currently selected device is connected to the printer and its disk or slot port

**NOTE:** Before you begin installing a [device](#), make sure that the device is connected to your printer.

## Related Topics

[Installing/Removing a Font Device](#)

[Formatting a Font Device](#)

## **Add Device**

Adds the selected font [device](#) type for downloaded fonts using the following options:

Magnetic disk and magnetic cartridge: These devices are ready to install with the Device Installer. Once installed, format the device with the Format option.

CD-ROM disk and font cartridge: These devices come formatted and equipped with fonts

Add: Adds the selected new device type and displays a dialog box of device-specific options

## **Related Topic**

[Installing/Removing a Font Device](#)

## New Device

Sets device-specific options as follows:

Read [Font Metric](#) Files: To install a device that already contains fonts, check this box. To install a new, blank magnetic disk or magnetic cartridge, leave this box unchecked.

Disk or Cartridge memory is:

- \* Volatile: To install a memory device, leave Volatile selected
- \* Writable: To install a magnetic disk or magnetic cartridge, leave Writable selected

## Related Topic

[Installing/Removing a Font Device](#)



## Device Name

Enters the device name you type and selects a connection port in the Device Name dialog box.

Enter a name you would like to use to refer to this device: Type a name for the device

- \* Disk port: If you are installing a magnetic disk or CD-ROM, select the number that corresponds to the device disk number. To find this number, check the disk selector usually located on the back of the device. For more information on the disk number, see the device documentation.
- \* Cartridge slot: To install a magnetic font cartridge or font cartridge, select the number or letter of the slot that contains the cartridge.

## Related Topic

[Installing/Removing a Font Device](#)

## Install Metrics

If you checked Read Font Metrics Files in the Device Installer - New dialog box, the Add Font Metrics dialog box appears. You use this dialog box to select [font metrics](#) files, as follows, and copy them to the newly installed device.

- \* Files In: Selects the directory that contains .AFM and .INF files or .PFM files
- \* Select: Selects font metrics files to install
- \* Unselect: Deselects files selected with the Select button
- \* Install Metrics: Installs the files selected with the Select button
- \* Font Metrics Files Selected To Be Installed: Lists the files selected for installation
- \* Read AFM/INF Files: Displays files with the .AFM and .INF extensions only
- \* Read PFM Files: Displays files with the .PFM extension only
- \* Target Directory For Metrics Files: Specifies the destination directory for the font metrics files. The default is the PSFONTS directory.

## Related Topic

[New Device](#)

## Help

Displays the PostScript font downloader utility Help Index. Use the scroll bar to see entries not visible in the window. Click underlined text for more information.

For information on using Help, press F1.

**Exit**

Quits the PostScript font downloader utility.

## **Current Printer Option**

Displays the name of the printer selected using the Microsoft Windows Control Panel.

## **Fonts Available Option**

Lists fonts you can select for downloading.

## **Destination Device Option**

Selects a destination font device for downloaded fonts.

## **Device Installer Option**

Installs font devices.



## **Download Option**

Downloads the fonts selected in the Fonts Available list.

## **Create Font Group Option**

Creates a group of fonts that can be downloaded at once.

## **Delete Font Group Option**

Deletes a font group.

**Other Option**

Accesses additional font and printer management options.

## **List/Remove Fonts Option**

Displays printer fonts, including fonts that have been downloaded.

## **Print Font Listing Option**

Prints available fonts.

## **Download PostScript File Option**

Downloads a PostScript file to the printer.

## **Format Device Option**

Formats a font device.



## **Clear Font Cache Option**

Clears fonts from printer memory.

## **Reset Printer Option**

Resets the printer and clears fonts.

## **Password Option**

Sets the printer access password.

## **Set Communications Mode Option**

Sets the downloader to work with a stand-alone printer or a printer on a network.

## **Resync Printer and Windows Option**

Sets the printer to work with Windows.

**device**

A hard disk, CD-ROM, or cartridge used for permanently storing downloaded fonts.

**download**

To transfer outline fonts or PostScript files to a PostScript printer. You can select downloaded fonts for your printed documents.

**font**

A complete set of characters, letters, and symbols that comprise a particular typeface design in one style.



**font cache**

An area in your printer memory reserved for downloaded fonts.

**font group**

A group of fonts identified by a name that can be downloaded at the same time.

**font metrics**

Data that assures proper proportional spacing, character size, and kerning for a font. Font metrics include .AFM (PostScript font metrics) files, .INF (Install program and Font Foundry) files, and .PFM (Microsoft Windows font metrics) files.

**format**

To prepare disk or cartridge media to hold data.

**PostScript file**

A file you download to the printer to run print jobs, headers, and other tasks.

**Window**

The PostScript font downloader utility to use to download fonts and work with font devices within the Windows operating environment.

