

CPMagic! QuickCheck Help

To learn how to use HELP, press F1

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Overview

CPMagic **QuickCheck** is a diagnostic utility that **reports** information about your computer, printer, Windows configuration, devices and files, including CPMagic files. QuickCheck also provides basic editing and configuration tools for experienced DOS and Windows users.

QuickCheck gathers data from your PC, printer, DOS, Windows, and many other sources that you would normally have to access for information individually. QuickCheck centralizes this data in one place so that you can quickly check the status of your system by clicking a button.

The QuickCheck screen consists of **a viewer with buttons** below it that you click to display reports. For example, clicking the **Printer** button causes the viewer to display a report on your default printer, its device driver, timeout values, resolution, and the printable area of a page.

There is a **Status bar** at the bottom of the QuickCheck screen that shows a short **description** of the function of each button. You may use the "TAB" key on your keyboard to move from one button to another to view what each button does.

You can open this Help file to specific topics by pressing the F1 key when the desired button is highlighted on the QuickCheck screen.

The status bar also has a **minimize** button (with a down arrow) located at the right corner, so that you can reduce QuickCheck to its Icon form while still running the application.

To access the Configuration and Editing tools, click the **File Check** button. The File Check window will open, displaying buttons that you click to run Windows System Editor (read and edit your config.sys, autoexec.bat, win.ini and system.ini files), Windows Control Panel, file version checking, and CPMagic file checking.

NOTE: It is important that you keep the following **three files** in the same directory as the Color Presentation Magic! executable (cpmagic.exe) file:

- **CPMSYSTEM.EXE** - the QuickCheck executable file
 - **CPMSYSTEM.HLP** - the HELP file for QuickCheck
 - **PDRVRS.DAT** - a data file for printer driver version checking

CPMagic QuickCheck will not function properly unless these files are located in the same directory as **cpmagic.exe** (the default directory name is CPMAGIC).

For more information on Color Presentation Magic!(™), read the troubleshooting section of the User Manual.

Computer

Click the **Computer** button to report information about your operating system, display and mouse.

Processing / Operating Environment

MS-DOS Version: Shows which version of DOS you are running. You must be running MS-DOS 5.0 or later to support Color Presentation Magic!(™).

Windows Version: Shows which version of Windows you are running. Windows 3.1 is required for CPMagic.

Co-Processor Present: Displays if your computer has a "math" (numeric) co-processor.

80x86 Present: QuickCheck detects the kind of CPU your computer has; the minimum requirement for operating CPMagic is an 80386-based processor.

Windows 386 enhanced mode: Displays when your PC is running in this mode. This mode requires a 386 (or higher) CPU, with 2 megabytes or more of RAM (256K of conventional memory plus 1024K extended memory).

386 enhanced mode allows for use of virtual memory, meaning that Windows programs can use more memory than is physically available. This is the normal mode for 386 and 486 machines.

Windows standard mode: Displays when your PC is running in this mode. Windows doesn't use virtual memory. Access to extended memory is provided via application swap files. This is the normal mode for 286 machines.

Protected Mode Operation: An operating mode that supports virtual memory and multitasking.

Video; Mouse

Display: Shows the kind of display driver you are using. VGA is the minimum required for running CPMagic.

Mouse: Shows the kind of mouse driver you are using. A Microsoft or compatible mouse is necessary for using CPMagic.

Printer

Click the **Printer** button to display the following information about your default printer.

Printer:

Name of Default Printer: The name of your default printer is listed.

Driver: The name of the Driver file (such as **pscript.drv**) used by the default printer.

Driver Path + File Information: The complete path of the default printer driver file. Listed below the path is the size, date and time of this driver file.

CPMagic Driver Match: Color Presentation Magic! (™) has been tested with various printer drivers, and may not output properly with some earlier printer driver versions. The function of the Driver Match is to compare the file version of your default printer's driver with versions tested and proven compatible with CPMagic. The comparison is based on your driver's file name and date. These criteria are then compared to a table of tested printer drivers known to work well with Color Presentation Magic!(™)

Listed below are the possible messages returned by the CPMagic Driver Match comparison:

- **Driver Verified:** This message means that your driver matches the CPMagic driver in name and date when compared to the printer driver table.
- **Driver Verified, Later Version:** This message reports that your driver matches, but is a later (more recent) version than the one listed in the table.
- **Not Verified, Earlier Version:** Means that your printer driver matches in name, but that its file date pre-dates the CPMagic version and can't be verified for use with the program.
- **Match Not Available:** This means that your printer driver is not listed in the table used for comparison by the driver match function.

It is important that you use the correct driver for your printer. Printer manufacturers frequently update their drivers, and it is usually easy to acquire the most recent version from them.

Driver Version: The internal version identification of the printer driver is reported if available.

Printer Timeouts: This line includes the device driver filename, the port the device is connected to, the **DeviceTimeout** and **RetryTimeout**.

- **Device Not Selected:** Reports how long (in seconds) Windows will wait for a device to be switched on. To change the value for a specific printer, run Windows Control Panel and choose the Printers icon, select the printer and click the "connect" button. Change the timeout value.
- **Transmission Retry:** This value (in seconds) represents the amount of time Windows has for attempting transmission retries. To change the value for a specific printer, run Windows Control Panel and choose the Printers icon, select the printer and click the "connect" button. Change the timeout value. You may need to increase this number for network printers.

Using Print Manager: This field will report **Yes** or **No**, depending on whether you have a check marked in the "Use Print Manager" check box in the **Control Panel, Printer** dialog box.

If QuickCheck reports **Yes**, then output to the printer is sent through Print Manager. Print Manager is the Windows print spooler.

Resolution; Printable Page Area

Horizontal Resolution (pixels): The screen horizontal (width) measurement of the printable area of a page from the default printer.

Vertical Resolution (pixels): The screen vertical (height) measurement of the printable area of a page from the default printer.

Horizontal Size (inches): The horizontal (width) measurement of the printable area of a page from the default printer.

Vertical Size (inches): The vertical (height) measurement of the printable area of a page from the default printer.

System

Click the **System** button to view Windows memory usage data, the location of your Windows and System directories, and other information.

Windows Resources; Network

Global Heap: All free memory pooled and made available to Windows applications.

System Resources: The remaining free percentage of resources after combining the GDI local heap, and the user and menu heaps of the User core file.

NOTE: The number of selectors is not included in the percentage of system resources. A selector is a memory pointer. If you run Windows applications that use lots of small data objects, you may run out of selectors and receive an " Out of Memory " message.

GDI Resources: Percentage represents resources free for the Graphics Device Interface, which manages graphics processes and printing.

User Resources: This value represents the percentage of resources free for the managing of windows on your screen, their message handling and user interface, and control of input and output.

Current Path; Free Disk Space: Shows the current path, which should include the directory where the Color Presentation Magic! (™) application files are located, as well as the CPMagic QuickCheck executable, help and data files.

Network: Reports the type of network your system uses; if a network is not currently installed, the message, " No Network Installed " is displayed.

Other Information

Windows Directory: Shows the location of your Windows directory.

Windows System Directory: Shows the path of your Windows' **System** directory, where dynamic link library (.DLL), driver (.drv) and other runtime files (.vbx) that support CPMagic are typically installed by the Color Presentation Magic! (™) setup program.

True Type Fonts: Shows if True Type Fonts are enabled in your system, and if your system uses **only** True Type Fonts. CPMagic makes use of these fonts.

Number of Current Windows Tasks: Shows the number of tasks currently running in the system. A task is a **running** application under Windows.

File Check

Click the **File Check** button to open QuickCheck's version checking, configuration and Editing tools. The File Check window will open, displaying buttons that you click to run Windows System Editor (read and edit your config.sys, autoexec.bat, win.ini and system.ini files); Windows Control Panel; file version checking; and CPMagic file checking. Sysedit.exe (included with Windows 3.1) must be present on your system to run the System Editor tool.

Version Checking Tools:

Reports version information and version descriptions of **.exe, .DLL, .drv and .vbx** -type files. Select a file from the FileName list by clicking once on the filename, then click either the **Version Info** or the **Version Description** button to read about the selected file. Note that not files include internal version stamping.

Check CPMagic!: Clicking this button clears the File Check window and displays a list of Color Presentation Magic! (TM) application and runtime files. Next to the list are 2 labeled boxes:

- **Path:** Shows the path of the selected file.
- **File Information:** Shows the file's size in bytes; date or date and time stamp.

When you select (click) a filename in the list, the Path and File Information boxes show the data for the selected file.

The function of Check CPMagic! is to verify the existence, location and file data for all CPMagic application and supporting runtime files.

Other Tools:

Additional Information:

Devices: Lists the installed printers.

Environment: Shows DOS environment information.

Configuration and Editing Tools:

IMPORTANT! Only use the System Editor if you are experienced in editing DOS and Windows files. It is recommended that you use Control Panel to make most changes to your system.

Before changing configuration files with the System Editor (or any text editor that allows direct editing of these files), you should make a backup copy of the file you want to edit.

Then, edit the entries, save the file, and restart Windows for the changes to take effect.

Run Control Panel: Click this button to run Windows Control Panel, an application that lets you make system configuration changes that are stored in the **WIN.INI** file - the Windows initialization file. The changes made are saved and will be in effect when you next run Windows. Use Control Panel (or run Windows Setup) to maintain this file whenever possible, rather than the System Editor.

Run System Editor: The System Editor is a text editor that lets you directly revise the contents of the CONFIG.SYS, AUTOEXEC.BAT, WIN.INI and SYSTEM.INI files.

The System Editor (sysedit.exe) gets installed during Windows setup and should be located in your Windows\System directory.

Help: Click this button to open this Help topic.

Exit File Check: Click this button to close the File Check window. The "About..." screen appears in the viewer.

About...

Clicking the **About** button will make the viewer display version and copyright information, and the QuickCheck icon - the NerdPack pocket protector.

Exit

Click the **Exit** button to quit QuickCheck and return to Windows.

There is also a "minimize" button at the right corner of the status bar which reduces QuickCheck to its running, icon form on your desktop.

Color Presentation Magic! Files

This topic describes and lists the files that get installed on your system by the Color Presentation Magic!^(TM) setup program: **CPMSETUP.EXE**

CPMSETUP.EXE installs all the files necessary to run Color Presentation Magic!^(TM) :

1. Application files

2. Runtime files

1. Application Files: When you installed Color Presentation Magic!^(TM), the setup program asked you to name the destination directory for the application. Unless you changed the default name of this directory, \CPMAGIC is where all the main application files should be located. They include the Color Presentation Magic!^(TM) and QuickCheck program executables and Help files; all of the graphic backgrounds (Windows Metafiles); a sample presentation; and data files used by the applications. There is also a README.TXT file (which should be read before using CPMagic) which you can read with Windows Notepad, or Write.

These are the Application files:

CPMAGIC.BKG
CPMAGIC.EXE
CPMAGIC.HLP
CPMSYSTEM.EXE
CPMSYSTEM.HLP
CUSTOM.DIC
IENS9231.DAT
P101 through S014.WMF (48 files)
PDRVRS.DAT
README.TXT
SAMPLES.CPM
Any .CPM files (presentations) you have created

2. Runtime Files: These are files that get installed either to your **Windows\System** directory, or your **Windows** directory, depending on whether you're running a shared version of Windows. These files are mostly **Dynamic Link Libraries** (.DLL , .VBX) and **drivers** (.DRV).

The setup program - CPMSETUP.EXE - gets copied to your Windows directory, as does CPMAGIC.GRP - the "group" file that Program Manager uses to maintain the program group.

You should avoid deleting Runtime files because many of them may be newer versions of DLL and driver files you already have, that are necessary for Windows to run and are often shared with other applications.

These are the Runtime files:

APIGUIDE.DLL
CBK.VBX
CMDIALOG.VBX
CPMSETUP.EXE
DWSPYDLL.DLL
FONTMOD.DLL
GRAPH.VBX
GRID.VBX

GSW.EXE
GSWDLL.DLL
ICDLLWIN.DLL
ORIENT.DLL
PRIMERA.DRV
PSCRIPT.DRV
SBC.VBX
SBCKBD.VBX
SETUPKIT.DLL
SPIN.VBX
THREED.VBX
TX.DLL
TX_RTF.DLL
UNIDRV.DLL
VBRUN300.DLL
VER.DLL
CPMAGIC.GRP