

ASSOCIATED

These files are located in the \WINDOWS directory:

FILENAME
WIN.COM

REG.DAT
CLIPBRD.EXE

CONTROL.EXE

EMM386.EXE
PACKAGER.EXE

PIFEDIT.EXE

PRINTMAN.EXE

PROGMAN.EXE

RECORDER.EXE

REGEDIT.EXE
SETUP.EXE

TASKMAN.EXE

WINHELP.EXE
WINVER.EXE
ACCESSOR.GRP
APPLICAT.GRP
GAMES.GRP
MAIN.GRP
STARTUP.GRP
CONTROL.INI

MOUSE.INI
PROGMAN.INI

SYSTEM.INI

WIN.INI

FS5LPT1.PCL

_DEFAULT.PIF

DOSPRMPT.PIF

WIN386.SWP

HIMEM.SYS

BOOTLOG.TXT

SETUP.TXT

.BMP

MOUSE.COM

WINTUTOR.DAT

MORICONS.DLL

PBRUSH.DLL

RECORDER.DLL

CALC.EXE

CALENDAR.EXE

CARDFILE.EXE

CHARMAP.EXE

CLOCK.EXE

DRWATSON.EXE*

MPLAYER.EXE

MSD.EXE*

NOTEPAD.EXE

PBRUSH.EXE

SOL.EXE
SOUNDREC.EXE

SMARTDRV.EXE*

TERMINAL.EXE

WINFILE.EXE

WINMINE.EXE

WINTUTOR.EXE
WRITE.EXE*

CALC.HLP
CALENDAR.HLP
CARDFILE.HLP
CHARMAP.HLP
CLIPBRD.HLP
CONTROL.HLP
GLOSSARY.HLP
MPLAYER.HLP
NOTEPAD.HLP
PACKAGER.HLP
PBRUSH.HLP
PIFEDIT.HLP
PRINTMAN.EXE
PROGMAN.HLP
RECORDER.HLP
REGEDIT.HLP
SETUP.HLP
SOL.HLP
SOUNDREC.HLP
TERMINAL.HLP
WINFILE.HLP
WINHELP.HLP
WINMINE.HLP
WRITE.HLP
MPLAYER.INI

MSD.INI*
DRWATSON.LOG*
.MID
SSFLYWIN.SCR

SSMARQUE.SCR
SSMYST.SCR
SSSTARS.SCR
RAMDRIVE.SYS
.WAV

NETWORKS.WRI
PRINTERS.WRI

README.WRI*

SYSINI.WRI*
WININI.WRI*

These files are located in the \WINDOWS\SYSTEM directory:

FILENAME
VDDAVGA.386
VTDAPI.386
VGACOLOR.2GR

VGA.3GR

WIN.CNF

CPWIN386.CPL
DRIVERS.CPL

MAIN.CPL
SND.CPL

LZEXPAND.DLL

OLECLI.DLL

OLESVR.DLL

SHELL.DLL

VER.DLL

WIN87EM.DLL
COMM.DRV
VGA.DRV

HPPCL5A.DRV

KEYBOARD.DRV

MOUSE.DRV

SYSTEM.DRV

TIMER.DRV
DOSX.EXE

DSWAP.EXE
GDI.EXE

KRNL286.EXE
KRNL386.EXE

USER.EXE

WIN386.EXE

WSWAP.EXE
.FON

CGA40WOA.FON
CGA80WOA.FON

DOSAPP.FON

EGA40WOA.FON
EGA80WOA.FON
VGAFIX.FON

VGAOEM.FON

VGASYS.FON

FINSTALL.HLP

HPPCL5A.HLP

HPPCL50P.HLP
APPS.INF

CONTROL.INF
SETUP.INF

MOUSE.INI
VGALOGO.LGO

WINOA386.MOD

WINOLDAP.MOD

VGALOGO.RLE

MIDIMAP.CFG
COMMDLG.DLL

DDEML.DLL

FINSTALL.DLL

MMSYSTEM.DLL
TOOLHELP.DLL

MCISEQ.DRV
MCIWAVE.DRV
MIDIMAP.DRV
MMSOUND.DRV
SYSEDIT.EXE*
.FON

COURE.FON

MODERN.FON

ROMAN.FON
SCRIPT.FON
SERIFE.FON

SMALLE.FON
SSERIFE.FON

SYMBOLE.FON

.FOT

WIN386.PS2
SETUP.REG

MMTASK.TSK
.TTF

* Optional but highly recommended.

DESCRIPTION

WIN.COM is loaded before Windows runs to display the logo screen, check the system configurations, and determine what mode Windows will run in. It is created during setup by combining three smaller files.

Data file for the Registration Editor.

Runs the Clipboard Viewer from an icon in the Accessories window. When you are cutting and pasting or copying between Windows applications, the cut or copied information resides temporarily on the Clipboard until it is cleared or something new is cut or copied.

Runs the Control Panel from an icon in the Main window. The Control Panel lets you change the way your system is configured under Windows. You can add or remove fonts, install and configure printers, and make other system adjustments.

Expanded memory manager to provide EMS outside of Windows.

Runs a utility from an icon in the Accessories window that creates a package of data or an .EXE file for use in an OLE-client program.

Runs the Program Information File editor from an icon in the Accessories window. PIFs tell Windows how to run your DOS applications. You can edit an existing PIF, create a new one, or modify the default PIF.

Runs the Print Manager from an icon in the Main window. The Print Manager is a spooler that manages print jobs in the background while you continue to work.

Runs the Program Manager, which is the central shell from which you launch all of your applications and accessories under Windows.

Runs the macro Recorder from an icon in the Accessories window.

The program records keystrokes and mouse actions to be played back from the Recorder's Options menu, or from an assigned shortcut key, to perform routine tasks.

Lets you edit the registration database or add new application descriptions.

Runs the Windows Setup program from an icon in the Main window. In Setup you can make changes to your initial system configuration and set up applications to run under Windows.

Runs the Task Manager. It does not appear as an icon in any window, but pressing Ctrl-Esc displays the Task List, which shows currently running applications and allows you to switch to or close an application.

Runs the Windows help engine.

Determines the version of Windows installed on the machine.

Data file for the Program Manager's display of the Accessories group.

Data file for the Program Manager's display of the Applications group.

Data file for the Program Manager's display of the Games group.

Data file for the Program Manager's display of the Main group.

Data file for the Program Manager's display of the Startup group.

Initialization file for the Control Panel. Can be edited with the Notepad.

Initialization file for mouse options.

Initialization file for the Program Manager. Can be edited with the Notepad.

Initialization file that records settings like installed drivers and memory settings. It

can be edited with SYSEDIT to meet the needs of your hardware configuration.

It is like the CONFIG.SYS file in DOS and should be edited with care.

Windows initialization file that records information about Windows and other applications. It can be edited with SYSEDIT to personalize your Windows environment. It is like the AUTOEXEC.BAT file in DOS.

Data file for an HP LaserJet printer (appears only on systems with a compatible printer installed).

The default Program Information File that Windows uses to run DOS applications that do not have their own PIF.

Program Information File that Windows uses to run a DOS session when you double-click on the DOS icon in the Program Manager.

Temporary swap file where Windows stores data when it runs out of available RAM in 386 Enhanced mode.

Makes extended memory available to Windows by establishing a link between DOS and the high memory area (HMA).

Data file created by Setup to track possible problems during Setup; it can also be created by running Windows from the DOS prompt with a /B parameter. Can be viewed with the Notepad.

Data file with information about Setup. An important file that should be viewed with the Notepad.

Windows 3.1 comes with 22 new bitmap files that create "wallpaper" for your Windows desktop. Any of these files may be removed from your system to free up disk space. Displays only with a 256-color driver.

The DOS mouse driver. It can be run from DOS, but the driver is not necessary because of the MOUSE.DRV installed by Windows.

Data file for the Windows tutorial.

Dynamic link library with program icons.

The dynamic link library for the Paintbrush utility.

The dynamic link library for the macro Recorder utility.

Runs a general and scientific calculator program from an icon in the Accessories window.

Runs a desktop calendar and appointment schedule from an icon in the Accessories window.

Runs a flat-file database that uses a Rolodex paradigm from an icon in the Accessories window.

Runs a utility that displays ANSI high-order characters from an icon in the Accessories window.

Runs an analog or digital clock from an icon in the Accessories window. Time can be set from the Control Panel, which is in the Main window.

In Version 3.0, Dr. Watson was available only through downloading. Included in 3.1, Dr. Watson is a diagnostic tool for obtaining information when a General Protection (GP) fault occurs. Dr. Watson must be running when a GP fault occurs.

To make it run when you start Windows, drag it to the Startup group; used with MSD, it provides a complete picture of your system for Microsoft technicians when a GP fault occurs.

Runs the Media Player, a utility for playing MIDI audio files, from an icon in the Accessories window.

In 3.0, the Microsoft Diagnostics (MSD) utility had to be downloaded. Included in 3.1,

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MSD helps identify system configurations. It can be used with Dr. Watson to give Microsoft technicians an idea of your system setup at the time of a GP fault.
Runs the Notepad from an icon in the Accessories window. The Notepad is a text editor you can use for jotting down notes, writing memos, or editing batch files.
Runs the Paintbrush program from an icon in the Accessories window.
The Paintbrush can be used to create bitmap drawings.
Runs Solitaire from an icon in the Games window.
Plays and edits audio .WAV files from an icon in the Accessories window if a sound driver is properly installed.

Runs the SMARTDrive disk cache program included in Windows 3.1. Setup installs this automatically, but it can be removed if you chose to use a third-party disk cache. In Win 3.0, SMARTDrive was loaded in CONFIG.SYS. In Win 3.1, it is loaded with a command in your AUTOEXEC.BAT file.
Runs the Terminal program from an icon in the Accessories window. The Terminal is a desktop communications manager for connecting to remote computers and on-line services.
Runs the File Manager from an icon in the Main window. The program acts as a shell in which you can organize your files and directories in directory trees.
Runs the game Minesweeper which is included with Win 3.1 from an icon in the Games window.
Runs the Windows tutorial.
Runs the Write program from an icon in the Accessories window. Microsoft Windows Write is an entry-level word processing application for creating and printing documents.
The Calculator help file.
The Calendar help file.
The Cardfile help file.
The Character Map help file.
The Clipboard help file.
The Control Panel help file.
Data file with the Help system's glossary.
The Media Player help file.
The Notepad help file.
The Object Packager help file.
The Paintbrush help file.
The PIF Editor help file.
The Print Manager help file.
The Program Manager help file.
The macro Recorder help file.
The Registration Editor help file.
The Windows Setup help file.
The Solitaire help file.
The Sound Recorder help file.
The Terminal communications manager help file.
The File Manager help file.
The "how to use help" data file.
The Minesweeper help file.
The Write help file.
Initialization file with Media Player settings.

Initialization file for Microsoft Diagnostics.

Data file for Dr. Watson, the diagnostic utility.

Two MIDI audio files.

Data file for the Windows logo screen saver. Screen savers are chosen from the Desktop icon in the Control Panel.

Data file for the marquee screen saver.

Data file for the mysterious screen saver.

Data file for the star field screen saver.

The RAMDrive utility simulates a disk drive in memory for faster access to information.

Four separate audio files that can be played by Sound Recorder if a sound driver is installed.

Readme file containing information on network support. Can be viewed with Write.

Readme file containing general information on printer support that became available after the manual was printed. Can be viewed with Write.

Readme file containing general information on Windows 3.1 that became available after the manual was printed. Can be viewed with Write.

Readme file with information on the SYSTEM.INI file. Can be viewed with Write.

Readme file for use with the WIN.INI file in managing switches. Can be viewed with Write.

DESCRIPTION

A driver file for Super VGA graphics in 386 Enhanced mode.

A driver file for 386 Enhanced mode.

A 286 grabber file specific to the VGA driver. It supports data exchange between DOS and Windows applications while running in Standard mode.

A 386 grabber file specific to the VGA driver. It supports data exchange between DOS and Windows applications while running in 386 Enhanced mode.

During setup in our configuration, WIN.CNF combines with VGALOGO.LGO and VGALOGO.RLE to create WIN.COM. As a part of WIN.COM, this file determines the system configuration at boot-up.

Used by Windows to create the 386 Enhanced component of the Control Panel.

The component of the Control Panel that allows for adding and removing drivers for multimedia under Windows.

Contains the basic components of the Control Panel.

The component of the Control Panel that sets particular sound bites for events occurring in Windows.

Control Panel uses this library to decompress files from floppy disks during installation. It is the Windows library counterpart of EXPAND.EXE and must come into use when you install new drivers.

When supporting OLE in Windows applications, Windows uses this library for the client application where the object becomes embedded.

Under OLE, this library provides support for the server application where the embedded object resides originally.

This library supports the registration database (for drag-and-drop information), drag-and-drop, association functions, and icon extractions.

Contains the version information for Windows 3.1.

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This library is used to emulate floating-point calculations.
One comm driver is shipped with 3.1. It supports serial and parallel communications.
VGA graphics driver specified during installation.

HP LaserJet III printer driver, shipped with 3.1 and specified on installation.

Standard keyboard driver. Though other drivers are shipped with 3.1, the Standard driver is installed by default.

One of several mouse drivers shipped with 3.1. Specified on installation, it supports a Microsoft or IBM PS/2 mouse.

Allows access to OEM-defined system hooks and provides information to the system disks.

Provides support for the system timer. In 3.0 it was included in the SYSTEM.DRV.

DOS extender for Windows, which allows access to extended memory when running in Standard mode. It is executed by WIN.COM and in turn loads KRNL286.EXE.

Task switcher for DOS applications in Standard mode.

Controls the Graphics Device Interface, which generates the graphics operations required to create displayed images.

WIN.COM runs KRNL286.EXE and KRNL386.EXE after it has determined the mode in which Windows will run. KRNL286.EXE loads Windows in Standard mode, KRNL386.EXE in 386 Enhanced mode.

Creates and maintains windows on the display. According to the user's instructions, it creates, sizes, moves, and destroys windows. It also handles movement of icons and cursors and directs input devices to the correct applications.

Executed by WIN.COM to run Windows in 386 Enhanced mode. Provides much of the virtual support needed to run in Enhanced mode.

Task switcher for Windows applications in Standard mode.

Windows has several kinds of .FON fonts. System, fixed, OEM, and DOS fonts should not be removed. Raster and vector fonts may be removed, depending on your needs.

Fonts installed by Windows 3.1 for displaying DOS applications when running in 386 Enhanced mode.

Font used when running DOS applications.

Fonts installed by Windows 3.1 for displaying DOS applications when running in 386 Enhanced mode.

Specifies the fixed font for a VGA display. It is derived from earlier versions of Windows, which used a fixed-length font as the system font.

Specifies the terminal (or OEM) font for a VGA display. The terminal font displays OEM text in the Clipboard and provides Windows applications with an OEM character set.

Specifies the system font for a VGA display. It is a proportional-width font used by default to draw menus, dialog boxes, and other text in Windows.

The help file for the HP LaserJet soft-font library. It is specific to the printer driver and soft-font DLL installed on your machine under Windows.

The help file for the HP LaserJet III printer driver, which was specified during installation.

Additional help file for the HP LaserJet III.

A data file for Setup that is used to create the PIFs for DOS programs on your hard disk.

A data file for Setup that is used to create the initial Control Panel setting.

A data file used by Setup to install Windows on your machine. It provides configuration options, related files, and groups that Program Manager sets up like Accessories and Applications.

A data file used to initialize the mouse settings.

WIN.COM runs the .LGO file, which contains code for displaying the opening screen.

VGALOGO.LGO is specified during setup to work on a VGA display.

Supports data exchange between DOS and Windows applications when running in 386 Enhanced mode.

Supports data exchange between DOS and Windows applications when running in Standard mode.

WIN.COM runs the .RLE (run length encoded) file, which contains the actual logo bitmap for the opening screen. VGALOGO.RLE is specified during setup to work on a VGA display.

A configuration file for playing audio files; needed only if a sound driver is installed.

A dynamic link library that contains common dialog boxes, which programmers can use to create their own custom boxes for opening files, printing documents, or other common tasks. (Keep for programming.)

The Dynamic Data Exchange Management Library. Built on top of the old message-based DDE, DDEML can make coding easier. It is available only in protected mode. (Keep for DDE coding.)

Soft-font library installer for the HP LaserJet that was specified on installation.

Additional font libraries are included to run with corresponding printer drivers.

Not every driver has a soft-font library.

Dynamic link library for playing audio files if a sound driver is installed.

A dynamic link library that gives programmers information on the internal data in Windows to aid in debugging. (Keep for programming.)

Drivers for playing audio sound when a sound driver is installed.

A utility for editing CONFIG.SYS, AUTOEXEC.BAT, WIN.INI, and SYSTEM.INI files.

Windows has several kinds of .FON fonts. System, fixed, OEM, and DOS fonts should not be removed. Raster and vector fonts may be removed, depending on your needs.

Specifies a Courier raster font. The E on the end of the filename specifies a VGA display. It is a fixed-width font with serifs and is provided to emulate a printer font on-screen.

Specifies a Modern vector font; one of the earlier scalable Windows fonts that have been superseded by TrueType fonts.

Specifies a Roman vector font (see MODERN.FON).

Specifies a Script vector font (see MODERN.FON).

Specifies a Times-like bitmapped font for a VGA display. It is a proportional-width font with serifs and is used to emulate a printer font on-screen.

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Specifies small (2- through 7-point) sans serif fonts for a VGA display.

Specifies a Helvetica raster font for a VGA display. It is a proportional-width font without serifs, used to emulate a printer font on-screen.

Specifies a Symbol bitmapped font for a VGA display. It is provided to emulate printer fonts on-screen.

.FOT files are the metric files for the scalable outline fonts. There are 13 stylistic variations of four typefaces. You may choose to keep only what you use. You will need both the .FOT file and the .TTF file for the font to function properly.

Note that Arial replaces Helvetica in 3.1.

Special file for running Windows on PS/2 machines.

Used by Setup to register applications shipped with Windows for drag-and-drop support. Can be deleted after setup.

Used for multimedia sound.

.TTF files are the header files for the scalable outline fonts. There are 13 stylistic variations of four typefaces. You may choose to keep only what you use. You will need both the .TTF file and the .FOT file for a font to function properly.

ASSOCIATED
FILES AND PROGRAMS
WIN.CNF; VGALOGO.RLE;
VGALOGO.LGO

REGEDIT.EXE; SETUP.REG
ACCESSOR.GRP; CLIPBRD.HLP

MAIN.GRP; CONTROL.HLP;
CONTROL.INI; .CPL files;
LZEXPAND.DLL

ACCESSOR.GRP;
PACKAGER.HLP; OLECLI.DLL
ACCESSOR.GRP; PIFEDIT.HLP;
_DEFAULT.PIF

MAIN.GRP; PRINTMAN.HLP

PROGMAN.HLP; PROGMAN.INI;
.GRP files
RECORDER.DLL; RECORDER.HLP

REG.DAT; SETUP.REG
MAIN.GRP; SETUP.HLP

All .HLP files
VER.DLL
PROGMAN.EXE
PROGMAN.EXE
PROGMAN.EXE
PROGMAN.EXE
PROGMAN.EXE
CONTROL.EXE; CONTROL.HLP;
NOTEPAD.EXE; .CPL files
MOUSE.COM; MOUSE.DRV
PROGMAN.EXE; PROGMAN.HLP;
NOTEPAD.EXE; .GRP files
.DRV files, .FON files;

SYSEDIT.EXE

.EXE files, .WAV files, .FOT files,
certain .FON files and .DRV files;
SYSEDIT.EXE
HPPCL5A.DRV

PIFEDIT.EXE

PIFEDIT.EXE

Can be set in the Control Panel
under the 386 Enhanced icon.

NOTEPAD.EXE

At the DOS prompt, type WIN /B
to get a Bootlog.
NOTEPAD.EXE

Select your wallpaper from
Desktop icon in the Control
Panel.
MOUSE.INI

WINTUTOR.EXE

PBRUSH.EXE; PBRUSH.HLP
RECORDER.EXE
ACCESSOR.GRP; CALC.HLP

ACCESSOR.GRP; CALENDAR.HLP

ACCESSOR.GRP; CARDFILE.EXE

ACCESSOR.GRP

ACCESSOR.GRP; DIGITAL.GRP

DRWATSON.LOG

ACCESSOR.GRP; MPLAYER.HLP;
CANYON.MID; PASSPORT.MID
MMTASK.TSK
DRWATSON.EXE; USD.INI

ACCESSOR.GRP;
NOTEPAD.HLP
ACCESSOR.GRP; PBRUSH.DLL;
PBRUSH.HLP
GAMES.GRP; SOL.HLP
ACCESSOR.GRP; CHIMES.WAV;
CHORD.WAV; DING.WAV;
TADA.WAV

ACCESSOR.GRP; TERMINAL.HLP

MAIN.GRP; WINFILE.HLP;
WINFILE.INI
GAMES.GRP; WINMINE.HLP

WINTUTOR.DAT
WRITE.HLP; all .WRI files
(necessary to read .WRI help files)
CALC.EXE
CALENDAR.EXE
CARDFILE.EXE
CHARMAP.EXE
CLIPBRD.EXE
CONTROL.EXE
WINHELP.HLP
MPLAYER.EXE
NOTEPAD.EXE
PACKAGER.EXE
PBRUSH.DLL; PBRUSH.EXE
PIFEDIT.EXE
PRINTMAN.EXE
PROGMAN.EXE
RECORDER.EXE
REGEDIT.EXE
SETUP.EXE
SOL.EXE
SOUNDREC.EXE
TERMINAL.EXE
WINFILE.EXE
WINHELP.EXE
WINMINE.EXE
WRITE.EXE
MPLAYER.EXE; MPLAYER.HLP;

.MID files
MSD.EXE; MSD.HLP
DRWATSON.EXE
MPLAYER.EXE
CONTROL.EXE

CONTROL.EXE
CONTROL.EXE
CONTROL.EXE

SOUNDREC.EXE

WRITE.EXE
WRITE.EXE

WRITE.EXE

SYSTEM.INI; WRITE.EXE
WIN.INI; WRITE.EXE

ASSOCIATED
FILES AND PROGRAMS

VGA.DRV; WINOLDAP.MOD

VGA.DRV; WINOA386.MOD

VGALOGO.LGO; WIN.COM

CONTROL.EXE
CONTROL.EXE

CONTROL.EXE
CONTROL.EXE

CONTROL.EXE; EXPAND.EXE

OLESVR.DLL; PACKAGER.EXE

OLECLI.DLL

REG.DAT; REGEDIT.EXE;
SETUP.REG
WINVER.EXE

VGACOLOR.2GR; VGA.3GR;
VGALOGO.LGO;
VGALOGO.RLE; VGAFIX.FON;
VGAOEM.FON; VGASYS.FON
HPPCL5A.HLP; HPPCL50P.HLP;
FINSTALL.DLL; FINSTALL.HLP;
FS5LPT1.PCL

WIN.COM; KRNL286.EXE

DOSX.EXE
USER.EXE

WIN.COM

GDI.EXE

WIN.COM; KRNL386.EXE

DOSX.EXE; DSWAP.EXE

DOSAPP.FON

CGA40WOA.FON; CGA80WOA.FON;
EGA40WOA.FON; EGA80WOA.FON
DOSAPP.FON

VGA.DRV

VGA.DRV

VGA.DRV

FINSTALL.DLL; HPPCL5A.DRV

HPPCL5A.DRV

HPPCL5A.DRV; HPPCL5A.HLP
SETUP.EXE

SETUP.EXE; .DRV files
SETUP.EXE; SETUP.HLP

VGA.DRV; WIN.COM; WIN.CNF

VGACOLOR.2GR

VGA.DRV; WIN.COM; WIN.CNF;
VGALOGO.LGO

FINSTALL.HLP; HPPCL5A.DRV

MPLAYER.EXE; SOUNDREC.EXE;
.MID files; .WAV files

SYSTEM.INI; WIN.INI

.TTF files

REG.DAT; REG.EXE

.FOT files