

# Windows Command Reference

## Programs Provided with Windows

This appendix lists all the programs installed by Windows Setup on the 32-bit versions of Windows 2000 Professional, Windows XP (Home Edition, Professional, and Media Center Edition), and Windows Vista (Home Basic, Home Premium, Business, Enterprise, and Ultimate), with all optional components installed. It also lists some programs installed by Windows Update and Automatic Updates.

The purpose of this appendix is to help you identify programs that you find running in your Task Manager window, and to let you browse for interesting standard programs that you might not be aware of. The programs fall into several categories:

- Graphical User Interface (GUI) programs, such as Notepad and Internet Explorer. GUI programs are delivered as executable files with an `.EXE` filename extension.
- Command-line (console) utilities such as `ping` and `dir`. Most command-line programs are delivered as executable (`.EXE` and `.COM`) files, with the exception of a few script files (`.VBS` and `.JS`), and some “built-in” commands that are handled directly by the command prompt processor `cmd.exe` or `command.com`.
- Control Panel applets, screensavers, and Microsoft Management Console (MMC) snap-ins. The files have corresponding filename extensions: `.SCR` for screensavers, `.MSC` for MMC snap-ins, and `.GPL` for Control Panel applets.
- Components such as device drivers, Windows services, and programs used solely as “helper” components of other programs. These programs may have a filename extension that makes them look like standard programs, but they are not useful on their own.

This appendix does *not* list the optional programs installed from the `\TOOLS` folder on the Windows Setup CD-ROM or DVD, although it does list a few subcomponents of these tools that end up under your `\windows` folder. The tools themselves are listed in Appendix A, “Windows Tool Reference.”

## Running Applications and Components

Applications can be started in the following ways:

- GUI and command-line programs can be run from shortcuts, from Windows Explorer, or, if they are in a folder listed in the PATH environment variable, by typing their name in the Start Menu's Run dialog, or at the prompt in a Command Prompt window. On Windows Vista, you can also type a command name into the Start Menu's search box, and in most cases, Windows will locate and run the program.
- Script files can be run by name, or can be forced to run in GUI or command-line mode with the `wscript` or `cscript` commands, respectively. For more information on scripting, see Chapter 9, "Windows Commands and Scripting."
- MMC snap-ins can be run using the `start` command, for example

```
start compmgmt.msc
```

or by installing them into an MMC panel. On Windows XP and 2000, you can run an MMC snap-in with Administrator privileges by typing the command

```
runas /user:Administrator "cmd /c xxxx.msc"
```

On Windows Vista, you don't need to use `runas`, as the User Account Control prompt will appear if the snap-in requires administrative privileges. You just can type the snap-in's filename into the Start menu's search box.

- Control Panel applets can be run from the Control Panel or from the command line, as in this example:

```
control timedate.cpl
```

On Windows 2000 and XP, you can run a Control Panel applet with Administrator privileges by typing the command

```
runas /user:Administrator "control xxxx.cpl"
```

Again, on Vista, `runas` is not needed.

This technique does not work with `ncpa.cpl`, however, unless you have previously configured Windows Explorer to launch folder windows in separate processes, by checking this option in the Tools, Folder Options, View tab. If you are using `runas`, the option has to have been set while logged on to the account that you specify in the `runas` command.

```
x.scr /s
```

- Device drivers and services cannot be run directly, but are managed by tools such as the Services MMC snap-in (`services.msc`) or the `net start` command-line utility. Some Windows services are packaged as `.DLL` files and are executed by the `svchost.exe` program. Services are discussed in Chapter 4.

## Command-Line Syntax

To use a command-line utility, you have to know its particular command-line syntax; that is, you have to know how to add options, filenames, and other control information to the command line. To get help for a given command—let's call it `xxx`—there are four things to try, in this order:

- Search for `xxx` in the Windows Help and Support Center.
- Type `xxx -? | more` in a command prompt window.

- Type **help xxx | more** in a command prompt window.
- Perform a Google search for Windows command **xxx**.

### Note

The **more** command is used to keep text from scrolling out of view if there's more than one screen. If some text is displayed and then the printout stops, press the spacebar to display the next screen.

There's no way to tell beforehand which one or more of these methods will work, so you should try all four. For more information on using command-line programs, see Chapter 9.

### NOTE

On Windows Vista, most of the information for command line programs has been deleted from the Help and Support Center. Your best bet on Vista is to use the `-?` and `help` options, or use Internet sources, as discussed in Chapter 9. Alternately, look up help information on a computer running XP.

## Legend

In the tables that follow, the Filename column lists the names of program files installed in the various standard Windows folders. The filename's extension indicates the type of program file.

Extension	Description
.BAT	Batch file (a text file containing a sequence of commands)
.CMD	Batch file (alternate extension)
.COM	MS-DOS executable program
.CPL	Control Panel applet (actually a dynamic link library loaded and used by <b>control.exe</b> )
.EXE	Windows GUI program, Windows command-line program, or MS-DOS program
.JS	JavaScript script (a text file containing a program written in the JavaScript language)
.MSC	MMC snap-in (actually a dynamic link library or XML file meant to be loaded and used by <b>mmc.exe</b> )
.SCR	Screensaver (actually a standard Windows executable file)
.SYS	MS-DOS device driver
.VBS	VBScript script (a text file containing a program written in the VBScript language)
.WSF	Windows Script Host packaged script

The OS column indicates the operating system(s) with which the program comes.

OS	Operating System Versions
2	Windows 2000 Professional
X	Windows XP Home Edition, Professional, or Media Center Edition
V	Windows Vista Home Basic, Home Premium, Business, Enterprise, or Ultimate

Not every version of these operating systems includes all the listed files, and the tables list files included only with the 32-bit versions of the operating systems. For instance **WFS.EXE**, Windows

Fax and Scan, is only found in the Ultimate, Enterprise, and Business editions of Vista. In addition, some files are installed only if you install optional Windows components (“Turn Windows Features On or Off” on Vista).

The Type column indicates the general category into which the program falls.

Type	Description	Directly Executable by the User?
CMD	Command-line (console) program	Yes
DOS	MS-DOS application or driver	Yes
drv	Windows device driver	No
GUI	Graphical User Interface (windowed) application	Yes
ndu	Not directly usable, meant to assist some other application	No
SCR	Batch file, or script handled by Windows Script Host ( <b>cscrip</b> t or <b>wscrip</b> t)	Yes
svc	Windows service (Services are discussed in Chapter 4)	No
UNIX	Services for UNIX-Based Applications application	Yes

In the Description column, Source indicates the source of a program if it is not installed by Windows Setup. Some programs can have several alternative sources. For example, the .NET Framework may be installed by a Service Pack, Windows Update, a download from microsoft.com, or as part of a third-party application.

Filename	OS	Type	Description
ACW.exe	V	GUI	Windows Guided Help
accwiz.exe	2X	GUI	Accessibility Wizard
actmovie.exe	2X	ndu	Direct Show setup tool
AdapterTroubleshooter.exe	V	ndu	Display troubleshooter
admin.exe	2X	ndu	FrontPage Server Extensions component
adsutil.vbs	2XV	SCR	Manages IIS server through ADSI (sample script)
agentsvr.exe	2XV	ndu	Microsoft Agent (animated assistant) component
agtcore.js	X	ndu	Component of “out-of-box” experience, initial setup wizard
agtscrp2.js	X	ndu	Windows help script component
agtscrpt.js	X	ndu	Component of “out-of-box” experience, initial setup wizard
ahui.exe	X	ndu	Application Compatibility Wizard component
alg.exe	XV	svc	Application Layer Gateway Service—Provides support for third-party protocol plug-ins for ICS and ICF
ansi.sys	2XV	DOS	ANSI screen driver for MS-DOS subsystem
appcmd.exe	V	CMD	IIS Application Server admin tool
append.exe	2XV	DOS	Makes directories appear “local” (archaic)
AppLaunch.exe	V	ndu	Microsoft .NET ClickOnce launch utility
arcldr.exe	2	ndu	Used by Windows boot process

<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
arcsetup.exe	2	ndu	Used by Windows boot process
arp.exe	2XV	CMD	Displays and edits ARP cache (TCP/IP)
arpidfix.exe	X	ndu	Windows Update component
aspnet_compiler.exe	V	CMD	ASP.NET application compiler
aspnet_regbrowsers.exe	V	CMD	Adds data on web browsers to ASP.NET data-base
aspnet_regiis.exe	2XV	CMD	Used to maintain correct linkage between different installed versions of .NET Framework and ASP.NET applications installed under IIS (source: .NET Framework)
aspnet_regsql.exe	V	CMD	Associates MS SQL Server databases with ASP.NET applications
aspnet_state.exe	2XV	svc	Holds session state data for ASP.NET web-based applications (source: .NET Framework)
aspnet_wp.exe	2XV	ndu	ASP.NET runtime process—CGI application that runs ASP.NET web-based applications on behalf of IIS (source: .NET Framework)
aspnetca.exe	V	ndu	ASP.NET setup component
asr_fmt.exe	X	CMD	Automated System Recovery backup and restore
asr_ldm.exe	X	CMD	Automated System Recovery Logical Disk manager
asr_pfu.exe	X	ndu	Automated System Recovery component
at.exe	2XV	CMD	Schedules program to run automatically (obsolete)
AtBroker.exe	V	ndu	Supports Accessibility tools across Remote Desktop sessions
atmadm.exe	2X	CMD	Displays ATM Call Manager statistics
attrib.exe	2XV	CMD	Displays and sets file/folder attributes
audioconverter.exe	X	GUI	Windows Audio Converter, converts music files between different encoding formats (source: Standard on MCE, otherwise Plus! for Windows XP)
audiodg.exe	V	ndu	Windows Audio Device Graph Isolation
audit.exe	V	ndu	Windows setup component
auditpol.exe	V	CMD	Audit Policy configuration tool
auditusr.exe	X	CMD	Manages per-user audit policy settings
author.exe	2X	ndu	FrontPage Server Extensions component (CGI application)
autochk.exe	2XV	ndu	Checks and repairs Windows File Systems
autoconv.exe	2XV	ndu	Automates the file system conversion during reboots
autoexec.bat	XV	DOS	Batch file executed upon Windows startup
autofmt.exe	2XV	ndu	Automates the file format process during reboots
auto1fn.exe	2X	ndu	Used for formatting long filenames
AxInstUI.exe	V	ndu	ActiveX Installer Service

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Filename	OS	Type	Description
basename.exe	V	UNIX	Strips paths from filename arguments
basicfunctions.js	X	ndu	Media Center Edition help component
bcdedit.exe	V	CMD	Windows boot configuration utility
bckgzm.exe	X	GUI	Internet Backgammon
bfsvc.exe	V	GUI	Boot File Servicing utility
BdeHdCfg.exe	V	CMD	BitLocker Drive Preparation Tool (source: Windows Ultimate Extras)
BitLockerWizard.exe	V	GUI	BitLocker Drive Encryption Wizard
bitsadmin.exe	V	CMD	BITS (Windows Update downloader) configuration tool
blastcln.exe	X	CMD	MSBLAST virus removal utility (installed by Windows Update)
bootcfg.exe	XV	CMD	Modifies the <b>BOOT.INI</b> configuration file
bootok.exe	2X	CMD	Boot acceptance application for Registry
bootvrfy.exe	2X	CMD	Notifies the system that startup was successful
bridgeunattend.exe	V	ndu	Network bridging setup component
bthudtask.exe	V	ndu	Bluetooth Uninstall Device Task
cacls.exe	2XV	CMD	Clears the command prompt window
cafixweb.exe	2	ndu	Service pack installation component, probably targeted at Windows 2000 Server rather than Pro
calc.exe	2XV	GUI	Calculator accessory
calendar.js	V	ndu	Sidebar gadget component
CaptureWizard.exe	V	ndu	Moviemaker import wizard
caspol.exe	2XV	CMD	ASP.NET Code Access Security Policy tool; sets security policy for ASP.NET applications (assemblies) (source: .NET Framework)
cat.exe	V	UNIX	Prints input files
cat32.exe	V	UNIX	Win32 version of cat utility
cb32.exe	2X	GUI	NetMeeting component, invokes Chat window
cbsra.exe	V	ndu	Windows Update component (source: Vista SP1)
cclitesetupui.exe	V	GUI	MSN Connection Center installer
cdlm.exe	X	GUI	CD Label Maker (source: Standard on MCE, otherwise Plus! for Windows XP)
cdplayer.exe	2	GUI	CD music player utility
CertEnrollCtrl.exe	V	ndu	Certificate enrollment component
certreq.exe	V	CMD	Certificate request utility
certutil.exe	V	CMD	Certificate management tool
cfgwiz.exe	2X	ndu	Front Page Server Extensions configuration component
chaccess.vbs	2X	SCR	Changes access on website folders (ADSI)
change.exe	XV	ndu	Used on Windows Server only, terminal server management tool

<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
charmap.exe	2XV	GUI	Character map
chcp.com	2XV	CMD	Changes console code page
Chess.exe	V	GUI	Chess Titans game
chglagon.exe	XV	ndu	Works on Windows Server only; terminal server management tool
chgport.exe	XV	ndu	Works on Windows Server only; terminal server management tool
chgrp.exe	V	UNIX	Changes file group membership
chgusr.exe	XV	ndu	Works on Windows server only; terminal server management tool
chkdsk.exe	2XV	CMD	Checks and repairs file system integrity
chkntfs.exe	2XV	CMD	Schedules automatic <b>chkdsk</b> at boot time
chkrzm.exe	X	GUI	Internet checkers game
chmod.exe	V	UNIX	Changes file permissions
choice.exe	V	CMD	Batch file tool: prompts for a single-character interactive response
chown.exe	V	UNIX	Changes file ownership
cidaemon.exe	2XV	svc	Indexing service
cintsetp.exe	2X	ndu	Input Method Editor (for example, Asian language input system) setup component (source: Windows Update)
cipher.exe	2XV	CMD	Encrypts and decrypts files and folders
cisvc.exe	2XV	svc	Indexing Service—Indexes contents and properties of files on local and remote computers; provides rapid access to files through flexible querying language
cjime.exe	2	ndu	Appears to be involved in installing or updating national language drivers
ckcnv.exe	2X	ndu	Cookie converter; Internet Explorer software update component (source: Windows Update)
cleanmgr.exe	2XV	GUI	Disk Cleanup program
cliconfg.exe	2XV	GUI	SQL Server Client Network Utility
clip.exe	V	CMD	Copies standard input to the clipboard (batch file tool)
clipbrd.exe	2X	GUI	Clipboard viewer—multiuser
clipsrv.exe	2X	svc	ClipBook Service, shares Clipboard across a network
clock.js	V	ndu	Sidebar gadget component
clrgc.exe	V	CMD	.NET Framework utility
clspack.exe	2	CMD	Lists Java system packages
clusftp.vbs	V	ndu	IIS management script component
cluster.exe	2	CMD	Windows Cluster configuration tool
clusweb.vbs	V	ndu	IIS management script component

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Filename	OS	Type	Description
cmd.exe	2XV	CMD	Command shell. Processes commands in batch files or typed into the Command Prompt window. This is the 32-bit Windows replacement for DOS's <code>command.com</code> , and it is a significant improvement. See Chapter 9 for more information.
cmdkey.exe	V	CMD	Credential (stored password) management tool
cmd132.exe	2XV	ndu	Connection Manager Auto-Download
cmmgr32.exe	2	ndu	Windows Connection Manager component
cmmon32.exe	2XV	ndu	Connection Manager Monitor
cmstp.exe	2XV	CMD	Connection Manager profile installer
cofire.exe	V	ndu	Corrupted File Recovery component
colorcpl.exe	V	GUI	Color Management control panel
comclust.exe	2	GUI	Cluster configuration wizard for MS DTC
command.com	2XV	DOS	MS-DOS command shell
common.js	2X	ndu	Component of several JS applications (source: Services for UNIX 3.5)
commonfunc.js	X	ndu	Component of help center
comp.exe	2XV	CMD	Compares files
compact.exe	2XV	CMD	Enables and disables file and folder compression
CompMgmtLauncher.exe	V	GUI	Opens the Computer Management MMC snap-in
ComputerDefaults.exe	V	GUI	Set Program Access and Computer Defaults control panel
comrepl.exe	2XV	CMD	COMREPL replicates one computer's COM+ applications to one or more target computers
comrereg.exe	2X	CMD	Appears to repair COM object Registry database
comsdupl.exe	X	ndu	Service Pack update component
ComSvcConfig.exe	V	CMD	Configures Windows Communication Foundation integration with COM+ applications
conf.exe	2X	GUI	NetMeeting application
configwizards.exe	2X	GUI	Lets you adjust .NET security, select trusted assemblies, or repair a managed application (source: .NET Framework)
conime.exe	2XV	GUI	Input method editor
consent.exe	V	ndu	User Account Control component
constants.js	X	ndu	Component of Remote Assistance
contacts.js	V	ndu	Sidebar gadget component
contftp.vbs	2X	SCR	Restarts paused FTP server
control.exe	2XV	GUI	Starts the Control Panel
controls.js	X	ndu	Component of Windows tour
contsrv.vbs	2X	SCR	Restarts paused IIS server
contweb.vbs	2X	SCR	Restarts paused web server



<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
convert.exe	2XV	CMD	Schedules conversion of volume from FAT to NTFS
convlog.exe	2X	CMD	Converts IIS log files to various standard formats
copy2gac.exe	X	CMD	Copies .NET assemblies to the Global Assembly Cache to repair damaged installations (see Microsoft Knowledge Base article 827073)
copymar.exe	X	ndu	MSN Explorer component
country.sys	2XV	DOS	Locale driver for MS-DOS subsystem
cp.exe	V	UNIX	Copies files or folders
cplexe.exe	2X	ndu	Japanese Input Method Editor component
cprofile.exe	X	ndu	Used on Windows Server only; terminal server management tool
cpu.js	V	ndu	Sidebar gadget component
credwiz.exe	V	GUI	Stored User Names and Passwords backup/restore wizard
csc.exe	2XV	CMD	.NET Visual C# command-line compiler (source: .NET Framework)
cscript.exe	2XV	CMD	Windows Scripts Host—command-line version
csn.bat	V	UNIX	Starts C shell
csrss.exe	2XV	svc	Client server runtime process
csrstub.exe	V	ndu	16-bit Windows compatibility component
ctfmon.exe	XV	svc	Alternative User Input Services service
currency.js	V	ndu	Sidebar gadget component
cvtres.exe	2XV	CMD	Converts Resource file data to COFF objects (source: .NET Framework)
dancer.exe	X	GUI	Displays one or two persons dancing on the desktop, optionally to music (source: Standard on MCE, otherwise Plus! for Windows XP)
date.exe	V	UNIX	Prints date and time
davcdata.exe	X	ndu	Front Page Server Extensions component
dcomcnfg.exe	2XV	GUI	Displays and manages DCOM configuration
ddeshare.exe	2X	GUI	Displays DDE shares on local or remote computer
ddmprxy.exe	2	ndu	Some sort of networking component
debug.exe	2XV	DOS	Debugs programs (archaic)
defrag.exe	XV	CMD	Defragments a disk volume
delttsul.exe	2	ndu	Text-to-speech component
DeviceEject.exe	V	ndu	Shuts down removable disk during setup
DeviceProperties.exe	V	ndu	Device Properties
DFDWiz.exe	V	ndu	Windows Disk Diagnostic User Resolver
dfrgfat.exe	2XV	ndu	Disk defragmenter component
dfrgifc.exe	V	ndu	Disk defragmenter component
dfrgntfs.exe	2XV	ndu	Disk defragmenter component
dfrgui.exe	V	GUI	Disk defragmenter system tool

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Filename	OS	Type	Description
dfsrmgr.exe	V	svc	Distributed File System Replication service
dfsvc.exe	V	ndu	.NET framework ClickOnce component
dialer.exe	2XV	GUI	Phone dialer for TAPI/Internet telephony
dialmgr.js	X	ndu	Component of "out-of-box" experience, initial setup wizard
diantz.exe	2XV	CMD	Cabinet file maker, same as <b>makecab</b>
digcore.exe	X	GUI	MSN photo email component installer
digitalx.exe	V	GUI	Digital Locker Assistant
dirname.exe	V	UNIX	Prints path part of filename arguments
discover.exe	2	GUI	Launcher for CD-based "Discover Windows 2000" tour
diskcomp.com	2XV	DOS	Compares two floppy disks
diskcopy.com	2XV	DOS	Copies a floppy disk
diskpart.exe	XV	CMD	Manages disk partitions
diskperf.exe	2XV	CMD	Starts physical disk performance counters (obsolete)
diskraid.exe	V	CMD	Configures RAID disk drives
dispdiaq.exe	V	CMD	Extracts graphic adapter data for diagnostic purposes
dispnod.vbs	2X	SCR	Displays properties of IIS objects (ADSI)
disptree.vbs	2X	SCR	Displays IIS information objects (ADSI)
dlglib.js	X	ndu	Component of help center
dlimport.exe	X	ndu	Windows Media Player component
dllhost.exe	2XV	svc	Runs a COM object as a service. Used to run the DCOM/COM+ System Application service and other services.
dllhst3g.exe	2XV	svc	DCOM/COM+ Server Host with 3GB support
dmadmin.exe	2X	svc	Logical Disk Manager Administrative Service—configures hard disk drives and volumes. The service only runs for configuration processes and then stops.
dmremote.exe	2X	ndu	Part of disk management system
dnscacheugc.exe	V	ndu	Network setup component
docked.js	V	ndu	Sidebar gadget component
doskey.exe	2XV	CMD	Provides command-line aliases and editing extensions
dosx.exe	2XV	DOS	DOS Extender, loaded in AUTOEXEC.NT
dotnetfx.exe	2X	GUI	Installation program for .NET Framework (source: download, Windows Update, or application installer)
dpapimig.exe	V	ndu	Protected content encryption key management component
DpiScaling.exe	V	GUI	DPI Scaling control panel

Filename	OS	Type	Description
dplaysvr.exe	2XV	ndu	Direct Play Helper
dpnsvr.exe	XV	ndu	Direct Play networking component
dpvsetup.exe	X	ndu	Direct Play component
driverquery.exe	XV	CMD	Lists installed device drivers
drmupgds.exe	X	ndu	Windows Media Player upgrade component
drvinst.exe	V	ndu	Driver Installation component
drvqry.exe	X	CMD	Installed as <b>driverquery.exe</b>
drwatson.exe	2XV	GUI	Dr. Watson for Win16 programs
drwtsn32.exe	2X	GUI	Dr. Watson viewer and configuration manager
dslmain.js	X	ndu	Component of "out-of-box" experience, initial setup wizard
dtcsetup.exe	2	GUI	Installs the Microsoft Distributed Transaction Coordinator (MS DTC)
dumprep.exe	X	GUI	Wizard that offers to submit crash (blue screen) dumps to Microsoft
DVDMaker.exe	V	GUI	Windows DVD Maker
dvdplay.exe	2XV	GUI	Windows DVD player
dvdupgrd.exe	XV	GUI	Detects and installs updated DVD decoders
dvdupgrd.js	X	ndu	Component of help center
dw.exe	X	ndu	MSN Explorer component
dw15.exe	2	GUI	Error reporter; run when IE crashes (source: Windows Update)
dw20.exe	V	GUI	.NET Framework 2.0 error reporting component
dwm.exe	V	ndu	Desktop Window Manager
dwwin.exe	XV	GUI	Dr. Watson for Windows
dxdiag.exe	2XV	GUI	DirectX diagnostics
edit.com	2XV	DOS	Edits text files
edlin.exe	2XV	DOS	Edits text files (primeval)
efsui.exe	V	CMP	Encrypted File System component
egrep.exe	V	UNIX	String search utility
ehexthost.exe	V	CMP	Windows Media Center component
ehmsas.exe	XV	ndu	Windows Media Center component; notifies other components of media center events
ehprivjob.exe	V	ndu	Windows Media Center setup component
ehrec.exe	XV	svc	Windows Media Center Receiver service
ehrecvr.exe	XV	ndu	Windows Media Center component
ehsched.exe	XV	svc	Windows Media Center Scheduler service
ehshell.exe	XV	GUI	Media Center main screen display ("Start" screen)
ehtray.exe	XV	GUI	Media Center task tray applet

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<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
ehvid.exe	V	ndu	Windows Media Center Video Analysis component
encinst.exe	2	ndu	Windows Installer component
error.js	X	ndu	Component of "out-of-box" experience, initial setup wizard
esentutl.exe	2XV	CMD	MS database utility
etfsboot.com	V	ndu	Boot system component
eudcedit.exe	2XV	GUI	Private character editor
evcreate.exe	X	CMD	Writes an event to the event log from the command line
eventcreate.exe	XV	CMD	Adds an event to the event log
eventquery.vbs	X	SCR	Lists events from the event log
events.js	X	ndu	Component of Windows tour
eventtriggers.exe	X	CMD	Displays and configures event triggers
eventvwr.exe	2XV	GUI	Launches Event Viewer (opens <b>eventvwr.msc</b> )
evntcmd.exe	2XV	CMD	Translates events into SNMP traps
evntwin.exe	2XV	GUI	Configures event to SNMP trap mapping
evtquery.vbs	X	SCR	Installed as <b>eventquery.vbs</b>
evtrig.exe	X	CMD	Installed as <b>eventtriggers.exe</b>
exch_regtrace.exe	X	ndu	Used on Windows server only; server management tool
exe2bin.exe	2XV	DOS	Converts <b>.EXE</b> to <b>.COM</b> file (archaic)
expand.exe	V	CMD	Cabinet file expansion Utility
expinst.exe	2	ndu	Internet Explorer update component used only on Windows 2000 (source: Windows Update)
explorer.exe	2XV	GUI	Windows Explorer
extrac32.exe	2XV	GUI	CAB File extraction utility; not very user friendly
extract.exe	2X	CMD	Extracts files from Microsoft <b>.CAB</b> files (source: Win2000 reskit, support\tools)
fastopen.exe	2XV	DOS	Does nothing, provided for compatibility with old versions of DOS and Windows
faxpatch.exe	X	ndu	Fax service component
faxqueue.exe	2	GUI	Fax queue manager
faxsend.exe	2	GUI	Send Fax Wizard
faxsvc.exe	2	svc	Fax service
fc.exe	2XV	CMD	Compares files
fgrep.exe	V	UNIX	String search utility
filecoll.exe	X	CMD	Install data collector; may be installed with beta releases of Microsoft software
fileinfo.exe	V	UNIX	File utility
find.exe	2XV	CMD	Finds text in files
findstr.exe	V	CMD	String search utility
findweb.vbs	2X	SCR	Locates virtual websites on IIS computers

<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
finger.exe	2XV	CMD	Displays information about a user (UNIX)
FirewallControlPanel.exe	V	GUI	Windows Firewall control panel
FirewallSettings.exe	V	GUI	Windows Firewall Settings dialog
fixmapi.exe	2XV	ndu	Part of Windows/IE/Outlook installation
flattemp.exe	X	ndu	Used on Windows Server only; terminal server management tool
FlickLearningWizard.exe	V	GUI	Pen Flicks Training program
fltmc.exe	XV	CMD	Displays, adds, removes file system minifilter drivers (source: Windows XP SP2)
fontview.exe	2XV	GUI	Displays fonts in a font file
forcedos.exe	2X	DOS	Runs a program in the MS-DOS environment
forfiles.exe	V	CMD	Executes a command on selected files
format.com	2XV	CMD	Formats fixed or removable disk
fortutil.exe	2	CMD	Fortezza security setup utility
fp98sadm.exe	2X	GUI	Obsolete
fp98swin.exe	2X	GUI	Obsolete
fpadmcgi.exe	2X	ndu	FrontPage Server Extensions component
fpcount.exe	2X	ndu	FrontPage Server Extensions component
fpremadm.exe	2X	CMD	FrontPage Server remote administration
fpsrvadm.exe	2X	CMD	Configures FrontPage Server Extensions ver. 4.0
fpsrvwin.exe	2X	GUI	Obsolete
freecell.exe	2XV	GUI	Popular Windows game
fsquirt.exe	XV	GUI	Bluetooth file transfer utility
fsutil.exe	XV	CMD	Manages the Windows file system
ftp.exe	2XV	CMD	File transfer protocol
ftpqfe.exe	2	ndu	Not sure; probably involved in installation of Windows patches
fvenotify.exe	V	ndu	BitLocker drive encryption component
fveupdate.exe	V	ndu	BitLocker drive encryption component
fxscInt.exe	X	GUI	Fax console
fxscover.exe	XV	GUI	Fax cover page editor
fxssend.exe	X	GUI	Send Fax Wizard
fxssvc.exe	XV	svc	Fax service—enables you to send and receive faxes, utilizing fax resources available on this computer or on the network
FXSUNATD.exe	V	ndu	Microsoft Fax setup component
gameenum.exe	2	CMD	Appears to trick Windows into installing a game controller (joystick) without the hardware present
gatherWiredInfo.vbs	V	SCR	Gathers network diagnostic information
gatherWirelessInfo.vbs	V	SCR	Gathers network diagnostic information
gdi.exe	2XV	ndu	Graphic device interface (a fundamental part of Windows)

(continues)

Filename	OS	Type	Description
getmac.exe	V	CMD	Displays network adapter information
gpresult.exe	V	CMD	Computes Resulting Set of Policy
gprslt.exe	X	CMD	Computes Resulting Set of Policy
gpscript.exe	V	CMD	Group Policy configuration tool
gpupdate.exe	XV	CMD	Forces update of local and Group Policy settings
graftabl.com	2XV	DOS	Enables display of graphics characters in MS-DOS environment
graphics.com	2XV	DOS	Loads graphics printer driver (obsolete)
grep.exe	V	UNIX	String search utility
grpconv.exe	2XV	GUI	Program Manager Group converter
hdwwiz.exe	V	GUI	Add Hardware Wizard
head.exe	V	UNIX	Displays first few lines of a file
Hearts.exe	V	GUI	Hearts game
help.exe	2XV	CMD	Displays command-line program usage information
helpctr.exe	X	GUI	Help and Support center GUI
helphost.exe	X	ndu	Help and Support center component
HelpPane.exe	V	ndu	Help and Support center component
helpsvc.exe	X	ndu	Help and Support center component
hh.exe	2XV	GUI	HTML Help
hidserv.exe	2	ndu	USB audio device support service
hilite.js	X	ndu	Media Center Edition help component
himem.sys	2XV	DOS	Memory driver for MS-DOS subsystem
HoldEm.exe	V	GUI	Texas Hold-Em game (source: Windows Ultimate Extras)
homepage__desktop.js	X	ndu	Component of help center
homepage__server.js	X	ndu	Component of help center
homepage__shared.js	X	ndu	Component of help center
hostname.exe	2XV	CMD	Displays the local computer's TCP/IP hostname
hrtzzm.exe	X	GUI	Internet Hearts
hscupd.exe	X	ndu	Help and Support center component
htimage.exe	2	ndu	FrontPage Extensions component—CERN format image map processor
htmlgen.exe	X	GUI	HTML Slide Show Wizard power toy (source: PowerToys for XP download)
hypertrm.exe	2X	GUI	Serial/Telnet terminal emulator
iashost.exe	V	ndu	IIS component
icacls.exe	V	CMD	Tool that edits, saves, and restores file access permissions
icardagt.exe	V	ndu	Windows CardSpace component
iconnect.js	X	ndu	Component of "out-of-box" experience; initial setup wizard

<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
icsmgr.js	X	ndu	Component of “out-of-box” experience; initial setup wizard
icsunattend.exe	V	ndu	Internet Connection Sharing setup component
icwconn1.exe	2X	ndu	Internet Connection Wizard component
icwconn2.exe	2X	ndu	Internet Connection Wizard component
icwrmind.exe	2X	ndu	Internet Connection Wizard component
icwtutor.exe	2X	ndu	Internet Connection Wizard tutorial
idriver.exe	2X	ndu	InstallShield application installer component
idriver2.exe	2X	ndu	InstallShield application installer component
ie4uinit.exe	2XV	ndu	IE5 Per-User setup tool
ie6setup.exe	2	GUI	Internet Explorer update, setup, and configuration tool (source: Windows Update)
iedw.exe	XV	ndu	Internet Explorer crash-detection component
ieexec.exe	2XV	ndu	.NET application launcher; responsible for down-loading and running .NET applications started from Internet Explorer or Windows Explorer (source: .NET Framework)
ieinstal.exe	V	ndu	Internet Explorer setup component
iereseticons.exe	X	ndu	IE 7 uninstall component
ieshwiz.exe	2	GUI	Customize This Folder Wizard; lets user specify display options for Active Desktop view of a folder
ieudinit.exe	X	ndu	IE 7 setup component
ieUnatt.exe	V	ndu	Internet Explorer setup component
ieuser.exe	V	ndu	Internet Explorer component
ieexplore.exe	2XV	GUI	Internet Explorer
ieexpress.exe	2XV	GUI	Creates simple Install applications
iframecontentfocus.js	X	ndu	Media Center Edition help component
iframescrolling.js	X	ndu	Media Center Edition help component
IIsExt.vbs	V	ndu	IIS admin script component
iisreset.exe	2XV	CMD	Manages IIS server
iisrstas.exe	2XV	ndu	IIS component
iissetup.exe	V	CMD	IIS Setup
iisswtch.bat	V	SCR	IIS administration batch file
iisswtch.vbs	V	SCR	IIS administration script
iissync.exe	2X	CMD	Replicates IIS configuration across a server cluster
ilasm.exe	2XV	CMD	.NET Intermediate Language command-line assembler (source: .NET Framework)
imagemap.exe	2	ndu	Front Page Extensions component—NCSA format image map processor
ImagingDevices.exe	V	GUI	Scanners and Cameras control panel
imapi.exe	X	svc	IMAPI CD-Burning COM service and Image Mastering API (CD-Burning COM component)

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Filename	OS	Type	Description
IMCCPHR.exe	V	ndu	User-defined Phrase tool for Pinyin (Chinese) input
imejpmgr.exe	2	drv	Japanese Input Method Editor (IME) component
imejpmig.exe	2	ndu	Japanese IME utility
imejpuex.exe	2	drv	Japanese IME component
imekrmig.exe	X	ndu	Korean IME component
imepadv.exe	XV	ndu	Korean IME component
imjpdadm.exe	XV	ndu	Japanese IME dictionary setup tool
imjpdct.exe	XV	GUI	Japanese IME dictionary tool
imjpdsvr.exe	XV	ndu	Japanese IME component
imjpinst.exe	X	ndu	Japanese IME component
IMJPMGR.EXE	V	GUI	Japanese IME component
imjpmig.exe	X	ndu	Japanese IME component
imjppdmg.exe	V	ndu	Japanese IME component
imjprw.exe	X	ndu	Japanese IME component
imjpuex.exe	XV	GUI	Japanese IME Properties dialog
imjpuexc.exe	V	CMD	Japanese IME Properties command-line configuration tool
imjputy.exe	X	ndu	Japanese Input Method Editor component
imkrinst.exe	X	ndu	Korean Input Method Editor installation component
imscinst.exe	X	ndu	Chinese Input Method editor installation component
IMSCPROP.exe	V	GUI	Microsoft Pinyin IME Options dialog
IMTCPROP.exe	V	ndu	Microsoft Phonetic Chinese IME component
inetin51.exe	X	svc	Installed as <b>inetinfo.exe</b> , see next entry
inetinfo.exe	2XV	svc	IIS services component; provides the IIS Admin, FTP Publishing, Simple Mail Transfer Protocol (SMTP), and World Wide Web Publishing services
inetmgr.exe	2XV	GUI	Launches Internet Information Services MMC management panel
InetMgr6.exe	V	GUI	IIS Admin Program (V6 compatible)
inetwiz.exe	2X	GUI	Internet Connection Wizard
InfDefaultInstall.exe	V	ndu	Windows Setup component
infocard.exe	V	svc	Windows CardSpace service
inkball.exe	V	GUI	InkBall game
InkWatson.exe	V	GUI	Handwriting Recognition Error Reporting Wizard for pen computing
InputPersonalization.exe	V	ndu	Input Personalization Server
installutil.exe	2XV	CMD	.NET Framework Installer tool, runs installer components in .NET assemblies (source: .NET Framework)
internat.exe	2	GUI	Locale-selection taskbar tool



Filename	OS	Type	Description
ipconfig.exe	2XV	CMD	Displays TCP/IP configuration and manage DHCP leases
ipsec6.exe	X	CMD	IPSec over IPv6 Security Configuration
ipsecmon.exe	2	GUI	IPSec status monitor
IpsOptInSrv.exe	V	GUI	Input Personalization OptIn dialog
ipv6.exe	X	CMD	IPv6 Installer/configuration tool
ipxroute.exe	2X	CMD	Displays and edits TCP/IP routing table
irftp.exe	2XV	GUI	Wireless Link (IRDA infrared) file transfer wizard
irmon.exe	2	svc	Infrared Port Monitor service
iscsicli.exe	V	CMD	iSCSI discovery tool
iscsicpl.exe	V	GUI	iSCSI Initiator control panel
isignup.exe	2X	ndu	Internet Connection Wizard component
isptype.js	X	ndu	Component of "out-of-box" experience, initial setup wizard
jdbgmgr.exe	2	GUI	Microsoft debugger for Java 4 (not a virus!)
Journal.exe	V	GUI	Windows Journal
jsc.exe	2XV	CMD	.NET JScript command-line compiler (source: .NET Framework)
jview.exe	2	CMD	Command-line loader for Java
kb16.com	2XV	DOS	Keyboard code set configuration (formerly <b>KEYB.COM</b> )
keyboard.sys	2X	DOS	Locale driver for MS-DOS subsystem
kodakimg.exe	2	GUI	Imaging for Windows graphics file view/scan/scale utility
kodakprv.exe	2	GUI	Imaging for Windows graphics file preview utility
krnl386.exe	2XV	ndu	Windows kernel API
ksh.bat	V	UNIX	Opens Korn shell
ktmutil.exe	V	CMD	Kernel Transaction Management utility
label.exe	2XV	CMD	Sets the volume label on a disk or mount point
lhmstsc.exe	X	GUI	Remote Desktop Client 6.0 (source: Windows Update or XP SP3, also installed as <b>mstsc.exe</b> )
library.js	V	ndu	Sidebar gadget component
lights.exe	2X	ndu	Connection status light display
ln.exe	V	UNIX	SUA Utility
lnkstub.exe	2XV	ndu	Stands in for obsolete Win 98/Me component and warns of incompatibility
loadfix.com	2XV	DOS	Runs a program above the first 64KB of memory
loadmx.exe	V	GUI	Windows Media Center MXF Loader
localization.js	V	ndu	Sidebar gadget component
localizedStrings.js	V	ndu	Sidebar gadget component
locator.exe	2XV	svc	Remote Procedure Call (RPC) Locator—manages the RPC name service database

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<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
lodctr.exe	2XV	CMD	Installs, backs up, or restores performance counter definitions
logagent.exe	2XV	ndu	Windows Media Player component
logenum.js	2X	SCR	Sample IIS management script
logenum.vbs	2X	SCR	Sample IIS management script
login.cmd	2XV	CMD	Telnet server login script
logman.exe	XV	CMD	Schedules automatic collection of performance information
logoff.exe	[2]XV	CMD	Logs off from Windows (source: Win2000 reskit, standard on XP and Vista)
logonui.exe	XV	ndu	Part of logon screen
lpksetup.exe	V	GUI	Install or Uninstall Display Languages Wizard
lpq.exe	2XV	CMD	Displays printer queue (UNIX)
lpr.exe	2XV	CMD	Prints a file (UNIX)
lpremove.exe	V	CMD	MUI language pack cleanup
ls.exe	V	UNIX	Lists folder contents
lsass.exe	2XV	svc	Local and Network Security service. Provides IPSEC, NetLogon, NTLM, Protected Storage and Security Accounts Manager (SAM) services
lsm.exe	V	svc	Local Session Manager service
magnify.exe	2XV	GUI	Magnifies the current screen
Mahjong.exe	V	GUI	Mahjong Titans game
makapt15.bat	2	CMD	Configures ADO.NET to use apartment threading model
makecab.exe	2XV	CMD	Makes cabinet files from files specified on the command line
makfre15.bat	2	CMD	Configures ADO.NET to use free threading model
manage-bde.wsf	V	SCR	BitLocker management script
mb1ctr.exe	V	GUI	Windows Mobility Center control panel
mcbuilder.exe	V	ndu	Media Center component
mcrmgr.exe	XV	ndu	Windows Media Center component
mcspad.exe	V	ndu	Media Center setup component
mcupdate.exe	V	ndu	Media Center component
Mcx2Prov.exe	V	ndu	Media Center component
mdm.exe	2	ndu	Machine Debug Manager
MdRes.exe	V	ndu	Memory diagnostics component
MdSched.exe	V	ndu	Memory diagnostics component
medctrro.cmd	X	ndu	Empty file in Home, Pro installations
medctrro.exe	X	ndu	Windows Media Center component
mem.exe	2XV	DOS	Displays free memory in MS-DOS subsystem
memtest.exe	V	ndu	Memory diagnostic

<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
metaback.js	2X	SCR	Sample IIS management script
metaback.vbs	2X	SCR	Sample IIS management script
metabackrest.js	2X	SCR	Sample IIS management script
metabackrest.vbs	2X	SCR	Sample IIS management script
mfpmp.exe	V	ndu	Media Player component
MigAutoPlay.exe	V	ndu	Windows Easy Transfer component
mighost.exe	V	ndu	Windows Easy Transfer component
migisol.exe	2X	ndu	Part of Windows 9x-to-Windows 2000 upgrade process
migload.exe	X	ndu	Files and Settings Transfer Wizard subcomponent
migpol.exe	2	ndu	.NET Framework updating component (source: Windows Update)
migpolwin.exe	2	ndu	.NET Framework updating component (source: Windows Update)
migpwd.exe	2X	ndu	Files and Settings Transfer Wizard component
migrate.exe	X	ndu	Part of Windows Media Player installer, updates settings from older versions
migrate.js	X	ndu	Component of "out-of-box" experience, initial setup wizard
migregdb.exe	2XV	ndu	Windows install/update component
MigSetup.exe	V	ndu	Windows Easy Transfer component
migwiz.exe	XV	GUI	Files and Settings Transfer Wizard
migwiz_a.exe	X	ndu	Files and Settings Transfer Wizard component
MineSweeper.exe	V	GUI	Minesweeper game
mkdir.exe	V	UNIX	Creates folders
mkftpdir.vbs	X	SCR	Sample IIS management script
mkw3site.vbs	2	SCR	Creates a new IIS virtual web server, but doesn't let you avoid one server limit on Windows 2000 Pro
mkwebdir.vbs	2X	SCR	Creates a virtual directory in a website
mkwebsrv.js	2	SCR	See <b>mkw3site.vbs</b>
mkwebsrv.vbs	2	SCR	See <b>mkw3site.vbs</b>
mmc.exe	2XV	GUI	Microsoft Management Console
mmcperf.exe	X	CMD	Generates native (faster) versions of MMC 3.0 snap-ins. (source: XP SP3 or MMC 3.0 download)
mnmsrvc.exe	2X	svc	NetMeeting Remote Desktop Sharing Service
mobsync.exe	2XV	GUI	Synchronization manager/wizard
mode.com	2XV	DOS	Configures port, display, and keyboard settings
mofcomp.exe	2XV	CMD	Web Based Enterprise Management (WBEM) database MOF compiler
more.com	2XV	CMD	Displays text one page at a time

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<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
more.exe	V	UNIX	Displays text one page at a time
mount.exe	V	CMD	Client for NFS export/share mount utility
mountvol.exe	2XV	CMD	Creates, deletes, and lists volume mount points
mousetut.js	X	ndu	Component of "out-of-box" experience, initial setup wizard
movefocus.js	X	ndu	Media Center Edition help component
moviemk.exe	XV	GUI	Windows Movie Maker
MpCmdRun.exe	V	CMD	Windows Defender configuration tool
mplay32.exe	2X	GUI	MS Media Player
mplayer2.exe	2X	GUI	Windows Media Player version 6
mpnotify.exe	2XV	ndu	Multiple Provider Notification application
mq1sync.exe	2	ndu	Microsoft Message Queue Service component
mqbkup.exe	2XV	CMD	MS Message Queue Backup and Restore Utility
mqexchng.exe	2	ndu	MSMQ setup tool for Windows 2000 Server only
mqmig.exe	2	ndu	Used by Windows upgrade process to migrate Microsoft Message Queue (MSMQ) data
mqsvc.exe	2XV	svc	MS Message Queueing Service
mqtsvc.exe	XV	svc	Message Queuing Service Triggers Service component
mrinfo.exe	2XV	CMD	Multicast routing using SNMP
mrt.exe	XV	GUI	Microsoft Windows Malicious Software Removal Tool
MSASCui.exe	V	GUI	Windows Defender scan/configure display
MSBuild.exe	V	CMD	Project build utility
mscdexnt.exe	2XV	DOS	MS CD Extensions, loaded in <b>AUTOEXEC.NT</b>
msconfig.exe	XV	ndu	Help and Support center component
mscorsvw.exe	V	svc	.NET Runtime Native Image Generation/Optimization service
msdt.exe	V	GUI	Microsoft Support Diagnostic Tool
msdtc.exe	2XV	svc	Distributed Transaction Coordinator Service
msdtcvtr.bat	XV	CMD	Distributed Transaction Coordinator debugging script
msfeedssync.exe	XV	ndu	Microsoft Feeds Synchronization (IE 7 component)
msg.exe	XV	CMD	Sends a message to another user
mshearts.exe	X	GUI	Hearts game
mshta.exe	2XV	ndu	HTML Application Host
msiexec.exe	2XV	svc	Windows Installer service
msimn.exe	2X	GUI	Outlook Express
msinfo32.exe	2XV	GUI	System Information utility—GUI version
msiregmv.exe	2X	ndu	Used to update Microsoft Installer data for applications installed under MSI version 1.1

Filename	OS	Type	Description
msmqprop.exe	2	ndu	Used by Windows 2000 SP3 installer to update MSMQ registry values
msmsgs.exe	X	GUI	Windows Messenger
msmsgsin.exe	X	ndu	MS Messenger component
msn6.exe	X	GUI	MSN Explorer
msncli.exe	X	GUI	MSN browser installer
msnsusii.exe	X	GUI	MSN browser installer wizard
msnunin.exe	X	ndu	MSN Explorer uninstaller
msoobe.exe	XV	GUI	Windows Activation Wizard
mspaint.exe	2XV	GUI	Paint accessory
msra.exe	V	GUI	Windows Remote Assistance
msscrdbg.exe	2X	GUI	Microsoft Script Debugger (source: Windows Update or download)
msswchx.exe	2X	ndu	Subcomponent of On-Screen Keyboard
mstask.exe	2	svc	Windows task scheduler service
mstinit.exe	2X	ndu	Task scheduler setup, installs scheduled maintenance items
mstsc.exe	XV	GUI	Terminal Services Client (Remote Desktop) (source: <code>\add-ons\tsclient\mstsc</code> )
mtedit.exe	V	GUI	Group Policy Migration Table Editor
mtstocom.exe	2XV	ndu	Used by Windows upgrade process to migrate Microsoft Transaction Server (MTS) data to COM+
muisetup.exe	X	ndu	Multilingual User Interface (MUI) setup component
MuiUnattend.exe	V	ndu	MUI setup component
muninst.exe	2	ndu	Internet Explorer update/uninstall component (source: Windows Update)
mv.exe	V	UNIX	Moves and renames files
mwcload.exe	2	CMD	IBM Mwave modem driver management utility
mwcloadw.exe	2	CMD	IBM Mwave modem driver management utility
mwcpyrt.exe	2	GUI	Displays copyright notice for IBM Mwave modem driver
mwcs32.exe	2	GUI	IBM Mwave modem driver configuration utility
mwm�msvc.exe	2	svc	IBM Mwave modem service
mwr cov16.exe	2	ndu	IBM Mwave modem driver installer for Windows 9x
mwremind.exe	2	GUI	IBM mwave modem utility
mwssw32.exe	2	ndu	IBM mwave modem utility
napstat.exe	XV	GUI	Network Access Protection taskbar tool (comes with SP3 for XP)
narrator.exe	2XV	GUI	Onscreen narrator
nbtstat.exe	2XV	CMD	Displays NetBIOS-over-TCP/IP statistics and name tables

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Filename	OS	Type	Description
nddeapir.exe	2X	ndu	NDDE API server side
net.exe	2XV	CMD	Networking management utility
net1.exe	2XV	ndu	Part of <b>NET</b> command
netbtugc.exe	V	ndu	Network setup component
netcfg.exe	V	CMD	WinPE (Windows Setup) network installer component
netdde.exe	2X	svc	Network DDE and Network DDE DSDM services
netfxsbs10.exe	2V	ndu	.NET Framework software update component (source: Windows Update)
netfxupdate.exe	X	ndu	.NET Framework software update component (source: .NET Framework)
netiougc.exe	V	ndu	Network setup component
Netplwiz.exe	V	GUI	Windows 2000–style User Accounts control panel (run by “control userpasswords2”)
NetProj.exe	V	GUI	Connect to a Network Projector
netsetup.exe	X	GUI	Network setup wizard
netsh.exe	2XV	CMD	Network configuration utility
netstat.exe	2XV	CMD	Displays current TCP/IP connections and open sockets
newdev.exe	V	ndu	Device driver installer component
nfsadmin.exe	V	CMD	Services for NFS administration utility
nfscInt.exe	V	svc	Client for NFS service
ngen.exe	2XV	CMD	.NET Native Image Generator; creates and caches native-code versions of .NET assemblies (source: .NET Framework)
nlsfunc.exe	2XV	DOS	Loads country/region information
notepad.exe	2XV	GUI	Notepad accessory
notes.js	V	ndu	Sidebar gadget component
notiflag.exe	X	ndu	Help and Support Center component
nppagent.exe	2X	ndu	Network Monitor data gathering agent
nslookup.exe	2XV	CMD	Query DNS servers
ntbackup.exe	2X	GUI	Backs up and restores files
ntdetect.com	2X	ndu	Used by Windows boot process
ntdsutil.exe	2	CMD	Active Directory database maintenance utility
ntkrnlmp.exe	2X	ndu	Windows NT kernel component
ntkrnlpa.exe	2XV	ndu	Kernel patch
ntkrpamp.exe	2X	ndu	Windows NT kernel component
ntoskrnl.exe	2XV	ndu	Core NT kernel
ntprint.exe	V	ndu	Printer driver installer component
ntsd.exe	2X	CMD	System-level debugger
ntvdm.exe	2XV	ndu	MS-DOS Virtual Machine environment
nw16.exe	2X	DOS	Netware 16-bit Redirector, loaded in <b>AUTOEXEC.NT</b>

Filename	OS	Type	Description
nwscript.exe	2X	CMD	Runs NetWare logon scripts
ocsetup.exe	V	CMD	Windows Optional Component Setup command line utility
odbcad32.exe	2XV	GUI	Data sources (ODBC 32-bit Administrator)
odbcconf.exe	2XV	CMD	ODBC database driver and data source configuration
oemig50.exe	2X	ndu	Outlook Express component
oeuninst.exe	2	ndu	Outlook Express uninstaller component (source: Windows Update)
onlinesetup.cmd	V	CMD	Windows setup remnant
oobealn.exe	X	ndu	Component of "out-of-box" experience; initial setup wizard
oobeldr.exe	V	GUI	Windows setup component
oobeutil.js	X	ndu	Component of "out-of-box" experience; initial setup wizard
openfiles.exe	XV	CMD	Displays files in use by local processes or network users
opnfiles.exe	X	CMD	(Installed as <b>openfiles.exe</b> )
OptionalFeatures.exe	V	GUI	Windows Features (Turn Windows Features On or Off) control panel
os2.exe	2	ndu	OS/2 subsystem component
os2srv.exe	2	ndu	OS/2 subsystem component
os2ss.exe	2	ndu	OS/2 subsystem component
oschoice.exe	X	ndu	Boot loader version; may be installed instead of ntldr on boot drive
ose.exe	[2XV]	svc	Office source engine, processes updates and repairs for Microsoft Office, if installed
osk.exe	2XV	GUI	Onscreen keyboard
osloader.exe	2X	ndu	Used by Windows boot process
osuninst.exe	X	GUI	Uninstalls Windows XP
p2phost.exe	V	GUI	People Near Me
packager.exe	2X	GUI	Object Packager; lets you embed objects into documents
pagefileconfig.vbs	X	SCR	Manages the system virtual memory page file
partymode.exe	X	GUI	Turns computer into a jukebox that can access music content but not other files (source: Standard on MCE, otherwise Plus! for Windows XP)
pathping.exe	2XV	CMD	Tests TCP/IP connectivity
pauseftp.vbs	2X	SCR	Pauses FTP service
pausesrv.vbs	2X	SCR	Pauses IIS server
pauseweb.vbs	2X	SCR	Pauses web server
pax.exe	2	CMD	UNIX file archiving utility
pcaelv.exe	V	ndu	Program Compatibility Assistant component

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<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
pcalua.exe	V	ndu	Program Compatibility Assistant component
pcaui.exe	V	ndu	Program Compatibility Assistant component
PDIALOG.exe	V	ndu	Windows Journal Note Writer "Creating Document Image" progress display
pentnt.exe	2X	CMD	Check CPU for the Pentium math bug
PenTraining.exe	V	GUI	Tablet PC Pen Training
perfmon.exe	2XV	GUI	Performance console with a Windows NT 4 settings file
perfvd.exe	2	ndu	IIS performance counter update installer
phime.exe	2	CMD	Installs Chinese phonetic Input Method Editor
picturePuzzle.js	V	ndu	Sidebar gadget component
pinball.exe	2X	GUI	Pinball game
pintool.exe	X	GUI	Smart Card authentication component
ping.exe	2XV	CMD	Ping utility
ping6.exe	X	CMD	IPv6 Ping utility
pintlphr.exe	X	ndu	Chinese Input Method editor component
pipanel.exe	V	ndu	Tablet PC component
PkgMgr.exe	V	CMD	Package Manager command-line tool
plasrv.exe	V	ndu	Performance Logs and Alerts component
PnPUnattend.exe	V	ndu	PnP device setup component
PnPUtil.exe	V	CMD	Adds, deletes, and lists PnP driver packages
poqexec.exe	V	ndu	Primitive Operations Queue Executor (Windows kernel component)
posix.exe	2V	ndu	Posix subsystem component (part of Services for UNIX, or Subsystem for UNIX-Based Applications)
powercalc.exe	X	GUI	Calculator power toy (source: PowerToys for XP download)
powercfg.exe	XV	CMD	Manages power management schemes from the command line
PresentationFontCache.exe	V	svc	Windows Presentation Foundation font caching service
PresentationHost.exe	V	ndu	Windows Presentation Foundation component
PresentationSettings.exe	V	GUI	Presentation Settings control panel
prevhost.exe	V	ndu	Preview Handler Surrogate Host
print.exe	2XV	DOS	Copies a file to a local LPT-port printer
PrintBrm.exe	V	CMD	Printer setup backup/recovery/migration (BRM) tool
PrintBrmEngine.exe	V	ndu	Printer setup BRM component
PrintBrmUi.exe	V	GUI	Printer setup Backup/Recover/Migration wizard
printfilterpipelinesvc.exe	V	svc	Print Filter Pipeline Host
printui.exe	V	CMD	Printer setup/configuration command-line tool
prncnfg.vbs	XV	SCR	Configures printers
prndrvr.vbs	XV	SCR	Installs and lists print drivers



Filename	OS	Type	Description
prnjobs.vbs	XV	SCR	Manages print jobs
prnmngr.vbs	XV	SCR	Manages local and network printer connections
prnport.vbs	XV	SCR	Manages TCP/IP printers
prnqct1.vbs	XV	SCR	Prints test pages, starts and stops printer queue
progman.exe	2X	GUI	Windows 3.1/NT 4–style Program Manager
proquota.exe	2XV	ndu	Profile quota manager for Windows NT4 domains
proxycfg.exe	X	CMD	Sets HTTP proxy server
psxrun.exe	V	UNIX	Subsystem for UNIX-Based Applications session manager component
psxss.exe	2V	ndu	Interix subsystem component
pubprn.vbs	2XV	SCR	Publishes printers to Active Directory
PurplePlace.exe	V	GUI	Purple Place game
PushPrinterConnections.exe	V	CMD	Sets up network printers from Group Policy
pws.exe	2	GUI	Personal Web Server (IIS) management utility
pwstray.exe	2	GUI	Personal Web Server (IIS) manager (task tray tool)
pxhpinst.exe	X	ndu	Windows Media Center Create DVD setup component
pxshare.exe	X	ndu	Windows Media Center Create DVD component
pyime.exe	2	CMD	Installs Chinese Input Method Editor
qappsrv.exe	XV	CMD	Displays the available application terminal servers on the network
qprocess.exe	XV	CMD	Displays information about processes local or remote
qtest32.exe	2	GUI	IBM Mwave modem diagnostic tool
query.exe	XV	CMD	Displays information about logged-on users, desktop sessions and processes
quser.exe	XV	CMD	Same as "query user;" displays list of logged-on users
qwinsta.exe	XV	CMD	Displays information about Terminal Sessions
RacAgent.exe	V	ndu	Reliability analysis component
raclient.js	X	ndu	Component of Remote Assistance
racontrol.js	X	ndu	Component of Remote Assistance
rasadmin.exe	2	GUI	Remote Access Services (RAS) status/management utility
rasautou.exe	2XV	CMD	Creates a RAS connection
rasdial.exe	2XV	CMD	Starts and ends dial-up networking connections
raserver.exe	V	ndu	Remote Assistance component
raserver.js	X	ndu	Component of Remote Assistance
rasphone.exe	2XV	GUI	Pop-up dial-up networking manager
rcimlby.exe	X	GUI	Remote Assistance
rcp.exe	2X	CMD	Copies files to another computer (UNIX)

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<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
rdpclip.exe	V	ndu	Remote Desktop component, transfers clipboard to/from remote user
rdrleakdiag.exe	V	GUI	Windows Resource Leak Diagnostic
rdsaddin.exe	X	ndu	Remote Desktop component
rdshost.exe	X	ndu	Remote Desktop component
recdisc.exe	V	ndu	Recovery disc creation tool
recover.exe	2XV	CMD	Extracts data from a damaged disk
redir.exe	2XV	DOS	Networking redirector, loaded in <b>AUTOEXEC.NT</b>
reg.exe	V	CMD	Registry edit command line tool
regasm.exe	2XV	CMD	.NET Framework registry assembly registration utility; makes .NET classes available as standard COM classes (source: .NET Framework)
regedit.exe	2XV	GUI	Edits Registry
regedt32.exe	2XV	GUI	Registry editor, old version
regini.exe	V	CMD	Registry edit command-line tool
register.exe	X	ndu	Used on Windows server only; terminal server management tool
registermceapp.exe	XV	CMD	Registers Media Center plug-in
regsvc.exe	2	svc	Remote Registry service
regsvcs.exe	2XV	CMD	Adds .NET assemblies to COM+ 1.0 applications (source: .NET Framework)
regsvr32.exe	2XV	CMD	Registers .DLL file as a COM component
regtlib.exe	2	CMD	Registers COM component type libraries (source: Windows Update)
regtrace.exe	2X	GUI	System debugging tool
regwiz.exe	2X	ndu	Registration Wizard
rekeywiz.exe	V	GUI	Encrypting File System certificate management wizard
relog.exe	XV	CMD	Changes format or rate for performance log files
RelPost.exe	V	ndu	Diagnosis and Recovery component
replace.exe	2XV	CMD	Replaces files
reset.exe	XV	CMD	Deletes a Terminal Services session
rexec.exe	2X	CMD	UNIX remote execute
rm.exe	V	UNIX	Deletes files
RMActivate.exe	V	ndu	Windows Rights Management component
RMActivate_isv.exe	V	ndu	Windows Rights Management component
RMActivate_ssp.exe	V	ndu	Windows Rights Management component
RMActivate_ssp_isv.exe	V	ndu	Windows Rights Management component
RmClient.exe	V	ndu	Restart Manager LUA Restart Client
rmdir.exe	V	UNIX	Deletes directories (folders)
Robocopy.exe	V	CMD	Copies files and folders—useful as a backup tool
route.exe	2XV	CMD	Displays or edits the current routing tables

Filename	OS	Type	Description
routemon.exe	2X	CMD	Obsolete, use <b>netsh</b>
rpcinfo.exe	V	CMD	Services for NFS ONCRPC registration admin utility
RpcPing.exe	V	CMD	Remote Procedure Call (RPC) diagnostic tool
rrinstaller.exe	V	GUI	R&R installer
rsh.exe	2X	CMD	Remote shell (UNIX)
rsm.exe	2XV	CMD	Removable Storage media pool management tool
rsmmlsv.exe	V	ndu	Removable Storage Manager component
rsmsink.exe	XV	ndu	Removable Storage Manager component
rsmui.exe	XV	ndu	Removable Storage Manager component
rsnotify.exe	2X	ndu	Removable Storage Manager component
rsop.js	X	ndu	Component of help center system info display
rsopprov.exe	X	ndu	Resultant Set of Policy provider component
RSSFeeds.js	V	ndu	Sidebar gadget component
rstrui.exe	XV	GUI	System Restore
rsvp.exe	2X	svc	QoS RSVP—provides network signaling and local traffic control setup functionality for QoS-aware programs and control applets
rtcshare.exe	X	GUI	NetMeeting Desktop Sharing
runas.exe	2XV	CMD	Runs program with another user's credentials
rundll32.exe	2XV	CMD	Launches a 32-bit DLL program
RunLegacyCPLElevated.exe	V	ndu	Runs legacy control panel with elevated permissions
runonce.exe	2XV	CMD	Causes a program to run during startup
rvsezm.exe	X	GUI	Internet reversi game
rwinsta.exe	XV	CMD	Resets the session subsystem hardware and software to known initial values
sapisvr.exe	XV	ndu	Speech API component
savedump.exe	2X	CMD	Saves system dump upon reboot after BSOD
sbeserver.exe	XV	ndu	Windows Media Center Create DVD component
sbunattend.exe	V	ndu	Windows Sidebar setup component
sc.exe	XV	CMD	Service management tool
scanreg.exe	2X	CMD	Searches Windows Registry for specified keys or values (source: Win2000 reskit)
scardsvr.exe	2X	svc	Smart Card Helper
schtasks.exe	XV	CMD	Displays and manages scheduled tasks
sconnect.js	X	ndu	Component of "out-of-box" experience; initial setup wizard
scrcons.exe	2XV	ndu	Scripting system component
scripts.js	X	ndu	Component of Windows tour
scrolling.js	X	ndu	Media Center Edition help component
sctasks.exe	X	CMD	Installed as <b>schtasks.exe</b>

(continues)

Filename	OS	Type	Description
sdbinst.exe	XV	CMD	Application compatibility database installer
sdchange.exe	V	GUI	Windows Remote Assistance SD Server
sdclt.exe	V	GUI	Microsoft Windows Backup
SearchFilterHost.exe	V	CMD	Windows Search Filter Host
SearchIndexer.exe	V	svc	Windows Search service
SearchProtocolHost.exe	V	CMD	Windows Search Protocol Host
secedit.exe	2XV	GUI	Manages and analyzes system security policies
secinit.exe	V	GUI	Security Init
sed.exe	V	UNIX	Stream editor, executes <b>ed</b> commands on standard input
service.js	V	ndu	Sidebar gadget component
ServiceModelReg.exe	V	CMD	Registers Windows Communication Foundation with IIS
services.exe	2XV	svc	Windows Service manager, also provides event log and Plug and Play services
sessmgr.exe	X	svc	Remote Desktop Help Session Manager—manages and controls Remote Assistance. If this service is stopped, Remote Assistance will be unavailable. Before stopping this service, see the Dependencies tab of the Properties dialog box.
setdebug.exe	2	GUI	Enables and disables ActiveX debugging for Java (source: Windows Update)
sethc.exe	2XV	CMD	Sets high contrast display
setreg.exe	2	CMD	Displays or modifies Registry settings pertaining to certificate trust and validation behavior
setregni.exe	X	ndu	.NET Framework software update component
settings.js	V	ndu	Sidebar gadget component
Setup.exe	V	GUI	Windows installation and setup
setup50.exe	2X	ndu	Outlook Express component
setupcl.exe	V	ndu	Creates new system security ID (SID) when a cloned (sysprepped) system is first started
setupn.exe	X	ndu	Windows setup/update component
setupSNK.exe	V	ndu	Autoboot program for key disks created by Wireless Network Setup Wizard
setupugc.exe	V	ndu	Tool used by Windows installer
setup_wm.exe	XV	GUI	Windows Media Player updating tool
setver.exe	2XV	DOS	Lies about MS-DOS version to old applications
setx.exe	V	CMD	Sets current or default environment variables (batch file tool)
sfc.exe	2XV	CMD	Verifies system file integrity
shadow.exe	XV	CMD	Monitors or controls a Terminal Services session
ShapeCollector.exe	V	GUI	Handwriting Recognition Personalization control panel
share.exe	2XV	DOS	Does nothing on Windows XP

Filename	OS	Type	Description
shelexec.exe	X	GUI	Works like the internal command " <b>start</b> "; open the file named on the command line in the associated application (source: support\tools\act20)
shmgrate.exe	2X	CMD	Used during upgrade install from Windows NT 4
showmount.exe	V	CMD	Services for NFS mount information utility
shrpwb.exe	2XV	GUI	Create and Share Folders Wizard
shtml.exe	2X	ndu	Front Page Extensions component—serverside include processor
shutdown.exe	V	CMD	Shuts down, hibernates, or restarts local or remote computer
shv1zm.exe	X	GUI	Internet spades game
sidebar.exe	V	GUI	Windows Sidebar
sigverif.exe	2XV	GUI	Signature verifier for system files
skeys.exe	2X	ndu	SerialKey (accessibility input device) manager
slideShow.js	V	ndu	Sidebar gadget component
SLLUA.exe	V	ndu	Software Licensing Admin Access Provider COM object
slmgr.vbs	V	SCR	Activates, displays or changes Windows license information
slrundll.exe	X	ndu	Component used by Smart Link modem drivers or installers
slserv.exe	X	drv	Smart Link winmodem device driver
SLsvc.exe	V	svc	Microsoft Software Licensing Service
SLUI.exe	V	GUI	Windows Activation program
smartnav.js	2X	ndu	Script component used by web-based .NET applications (source: .NET Framework)
smartnavie5.js	X	ndu	Script component used by web-based .NET applications (source: .NET Framework)
smbinst.exe	X	CMD	Installs or uninstalls System Management BIOS driver (WMI interface to the system BIOS)
SMConfigInstaller.exe	V	CMD	Windows Communication Foundation setup program, registers .SVC extension with IIS
smi2smir.exe	XV	CMD	SNMP MIB compiler
smlogsvc.exe	2X	svc	Performance Logs and Alerts service
smss.exe	2XV	ndu	Session Manager Subsystem
SMSvcHost.exe	V	ndu	Windows Communication Foundation component
smtp_regtrace.exe	2	GUI	Enables diagnostic tracing for the IIS SMTP service
snchk.exe	X	ndu	Windows Media Center component
sndrec32.exe	2X	GUI	Sound Recorder
SndVol.exe	V	GUI	Volume Control applet
sndvol32.exe	2X	GUI	Volume control
SnippingTool.exe	V	GUI	Snipping tool

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Filename	OS	Type	Description
snmp.exe	2XV	svc	Simple Network Monitoring Protocol Agent service
snmptrap.exe	2XV	svc	SNMP Trap Service—receives trap messages generated by local or remote SNMP agents and forwards the messages to SNMP management programs running on this computer
sol.exe	2X	GUI	Solitaire game
Solitaire.exe	V	GUI	Solitaire game
sonicmburnengine.exe	X	ndu	Windows Media Center Create DVD component
sort.exe	2XV	CMD	Sorts text files alphabetically (filter)
SoundRecorder.exe	V	GUI	Sound Recorder
sp4iis.exe	2	ndu	IIS updater, part of Service Pack 4 installer
spdownw2k.exe	2	ndu	Service Pack installation component
spdownxp.exe	X	ndu	Service Pack installer component
SpiderSolitaire.exe	V	GUI	Spider solitaire game
spiisupd.exe	2X	ndu	IIS component
spninst.exe	X	ndu	Windows Peer-to-Peer service installer; likely used by SP2 installation process (source: Windows XP Service Pack 2 or download)
spoolsv.exe	2XV	svc	Print Spooler—loads files to memory for later printing
sprecovr.exe	X	ndu	Part of Service Pack setup; used to automatically clean up after a failed partial install
sprestrt.exe	2X	ndu	Used during install upon failure and reboot
spreview.exe	V	GUI	Displays Finished message after installing Vista SP1
sptsupd.exe	2	ndu	Service pack installation component; updates Terminal Services
spuninst.exe	X	ndu	Used to uninstall software updates/hotfixes/service packs
spupdsvc.exe	2X	ndu	Software update installer service; handles post-reboot update tasks
spupdw2k.exe	2	ndu	Service Pack installation component
spupdwp.exe	X	ndu	Windows XP Service Pack installer component
srdelayed.exe	V	ndu	Windows boot component, renames system files that were replaced before restart
srdiag.exe	X	CMD	Extracts debug info on System Restore
startftp.vbs	2X	SCR	Starts FTP server
startsrv.vbs	2X	SCR	Starts IIS server
startweb.vbs	2X	SCR	Starts web server
StickyNot.exe	V	GUI	Sticky Notes
stimon.exe	2X	ndu	Windows Still Image Monitor
stisvc.exe	2	svc	Still Image (scanning) service component
stocks.js	V	ndu	Sidebar gadget component

Filename	OS	Type	Description
stopftp.vbs	2X	SCR	Stops FTP server
stopsrv.vbs	2X	SCR	Stops IIS server
stopweb.vbs	2X	SCR	Stops web server
stub_fpsrvadm.exe	X	ndu	Stub (nonfunctional) version of FrontPage Server Extensions administrator
stub_fpsrvwin.exe	X	ndu	Stub (nonfunctional) version of FrontPage Server Extensions
suagc.exe	V	ndu	Services for UNIX-Based Applications component
subst.exe	2XV	DOS	Maps a drive letter to a local folder
svchost.exe	2XV	svc	Runs system service(s) contained in .DLL files, used to most Windows services
sxstrace.exe	V	CMD	Side-By-Side (SXS) debugging tool
syncapp.exe	2X	ndu	Creates Windows Briefcase
synciwam.vbs	2X	SCR	Repairs COM+ authentication for applications running under IWAM account
syscomponentinfo.js	X	ndu	Component of help center system info display
sysedit.exe	2XV	GUI	Editor for system files
syshealthinfo.js	X	ndu	Component of help center system info display
sysinfo.exe	X	CMD	Installed as <b>systeminfo.exe</b> ; see that entry)
syskey.exe	2XV	CMD	Encrypts and secures system database
sysocmgr.exe	2X	ndu	Part of Windows setup
sysprep.exe	V	GUI	Prepares configured system for deployment by disk duplication
syssoftwareinfo.js	X	ndu	Component of help center system info display
systeminfo.exe	XV	CMD	Displays a system hardware and software summary
SystemPropertiesAdvanced.exe	V	GUI	Displays System Properties Advanced tab
SystemPropertiesComputerName.exe	V	GUI	Displays System Properties Computer Name tab
SystemPropertiesDataExecutionPrevention.exe	V	GUI	Displays System Properties Performance Options Data Execution Prevention dialog
SystemPropertiesHardware.exe	V	GUI	Displays System Properties Hardware tab
SystemPropertiesPerformance.exe	V	GUI	Displays System Properties Performance Options dialog
SystemPropertiesProtection.exe	V	GUI	Displays System Properties System Protection tab
SystemPropertiesRemote.exe	V	GUI	Displays System Properties Remote tab
systray.exe	2XV	GUI	Manages the taskbar and system tray
tabcal.exe	XV	GUI	Digitizer calibration tool
TabTip.exe	V	GUI	Tablet PC Input Panel accessory
tail.exe	V	UNIX	Displays last few lines of a file
takeown.exe	V	CMD	Changes ownership of a file
TapiUnattend.exe	V	ndu	Telephony setup component
taskeng.exe	V	ndu	Task Scheduler service
taskkill.exe	XV	CMD	Terminates a process

(continues)

Filename	OS	Type	Description
tasklist.exe	XV	CMD	Lists active processes
taskman.exe	2X	ndu	Task Manager (activated by Ctrl+Alt+Del)
taskmgr.exe	2XV	GUI	Starts the Task Manager (same as Ctrl+Alt+Del)
taskswitch.exe	X	GUI	Alt+Tab replacement powerToy (source: PowerToys for XP download)
tcmsetup.exe	2XV	GUI	Manages the TAPI Telephony client
tcpvcs.exe	2XV	svc	Simple TCP/IP Services and TCP printing Services service
tcpptest.exe	2X	GUI	TCP/IP network tester for diagnosing IIS problems
tee.exe	V	UNIX	Passes standard input to standard output and also saves it in a file
telnet.exe	2XV	CMD	Establishes a command-line session on another computer
tftp.exe	2XV	CMD	Trivial file transfer protocol
themes.exe	2	GUI	Desktop theme configuration and selection tool
timeout.exe	V	CMD	Pauses batch file for specified time
timershot.exe	X	GUI	Webcam timer powerToy (source: PowerToys for XP download)
timeZones.js	V	ndu	Sidebar gadget component
tintlphr.exe	2X	ndu	Chinese Input Method editor component (source: Windows Update)
tintsetp.exe	2X	ndu	Chinese Input Method editor component (source: Windows Update)
tIntadmn.exe	2XV	CMD	Telnet Server Administrator
tIntsess.exe	2XV	CMD	Displays the current Telnet sessions
tIntsvr.exe	2XV	svc	Telnet Server service
tlocmgr.exe	2X	GUI	Telephony Location Manager, provides task-tray icon to pop-up Dialing properties and activate Phone Dialler (source: Win2000 reskit)
togac.exe	X	ndu	Unknown; appears to be involved in managing the .NET Framework Global Assembly Cache
touch.exe	V	UNIX	Updates timestamp on a file
TouchTraining.exe	V	GUI	Tablet PC Touch Training
tour.exe	X	GUI	Windows XP Tour (actually a copy of Macromedia Flash Player)
tour.js	X	ndu	Component of Windows tour
tourstart.exe	X	GUI	Runs the Windows Experience Tour
tourstrt.exe	X	ndu	Installed as <b>tourstart.exe</b> , see previous entry
tourw.exe	X	GUI	Installed as <b>tour.exe</b> , see that entry
tp4mon.exe	X	ndu	PS/2 Trackpoint device manager
TpmInit.exe	V	GUI	Trusted Platform Module (TPM) Initialization Wizard
tracertp.exe	XV	CMD	Gathers or summarizes event trace information
tracert.exe	2XV	CMD	Checks TCP/IP connectivity



Filename	OS	Type	Description
tracert6.exe	X	CMD	IPv6 Trace Route
tree.com	2XV	CMD	Displays directory structure
TrustedInstaller.exe	V	svc	Windows Installer service
tscon.exe	XV	CMD	Connects to Terminal Services session
tscupgrd.exe	XV	ndu	Terminal Services Client upgrade program
tsdiscon.exe	XV	CMD	Disconnects Windows/Terminal Services session
tskill.exe	XV	CMD	Terminates a process in a services session
tsprof.exe	X	ndu	Used on Windows Server only, Terminal Server management tool
tssetup.exe	V	ndu	Terminal Server Setup component
tsshutdn.exe	X	CMD	Shuts down or restarts a Terminal Services server
TSTheme.exe	V	ndu	Manages display theme used during Remote Desktop sessions
tswpfwrp.exe	V	CMD	Terminal Server (remote desktop) WPF wrapper component
tweakui.exe	X	GUI	TweakUI PowerToy for Windows XP download)
twunk_16.exe	2XV	ndu	Twain 16-bit drivers
twunk_32.exe	2XV	ndu	Twain 32-bit drivers
typeperf.exe	V	CMD	Extracts performance monitor data
tzchange.exe	X	CMD	Modifies time zone/daylight saving time data
tzupd.exe	V	CMD	Time zone/daylight saving time database update utility
ucsvc.exe	V	ndu	Boot File Servicing component
UI0Detect.exe	V	svc	Interactive services detection and notification service
umount.exe	V	CMD	Unmounts NFS exports/share
uname.exe	V	UNIX	Displays system information
unattendedjoin.exe	V	ndu	Network setup component
undocked.js	V	ndu	Sidebar gadget component
uninst.exe	2X	GUI	Generic uninstaller (source: various)
uniq.exe	V	UNIX	Displays only unique input lines
unlodctr.exe	2XV	CMD	Removes performance counter definitions
unregmp2.exe	2XV	ndu	Modifies Registry during update of Windows Media Player
unsecapp.exe	2XV	ndu	Web Based Enterprise Management (WBEM) component
unvise32.exe	2X	GUI	Generic uninstaller (source: various)
update.exe	X	ndu	Installs Windows or Service Pack updates
updcrl.exe	2	ndu	Root certificate revocation list updater (source: Windows Update)
uploadm.exe	X	ndu	Upload manager for application and system crash info
upnpcont.exe	XV	ndu	Universal Plug-and-Play (UPNP) ActiveX container

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Filename	OS	Type	Description
ups.exe	2X	svc	Uninterruptible power supply—manages an uninterruptible power supply (UPS) connected to the computer
upwizun.exe	2	ndu	Update wizard file unpacking utility
user.exe	2XV	ndu	Windows API (fundamental component of Windows)
userinit.exe	2XV	ndu	Logon processor: runs scripts, makes network connections, starts shell
usrlogon.cmd	X	CMD	Terminal Services logon script (not actually used)
usrmlnka.exe	X	ndu	U.S. Robotics Modem driver component
usrprbda.exe	X	ndu	U.S. Robotics Modem driver component
usrshuta.exe	X	ndu	U.S. Robotics Modem driver component
util.js	V	ndu	Sidebar gadget component
utilman.exe	2XV	GUI	Utility Manager—Designates which accessibility aids to use
uudf.exe	X	ndu	User Mode Driver framework (Media Player component)
vbc.exe	2XV	CMD	.NET Visual Basic command-line compiler (source: .NET Framework)
vcmd.exe	2	ndu	Microsoft Voice COM server
vds.exe	V	svc	Virtual (Dynamic) Disk Service
vdsldr.exe	V	ndu	Virtual Disk Service Loader
verclsid.exe	V	ndu	Extension CLSID Verification Host
verifier.exe	2XV	GUI	Driver Verifier Manager
vi.exe	V	UNIX	Text editor
VideoCameraAutoPlayManager.exe	V	ndu	Video camera plug-and-play component
vsp1ceip.exe	V	CMD	Vista SP1 Customer Experience tracking utility
vssadmin.exe	XV	CMD	Displays shadow copy backups and providers
vssvc.exe	XV	svc	Volume Shadow Copy Service
vwipxsp.exe	2X	DOS	NetWare protocol stack, loaded in <b>AUTOEXEC.NT</b>
w2kexcp.exe	2	ndu	Internet Explorer update installer component (source: Windows Update)
w32tm.exe	2XV	CMD	Manages Windows Time service
w3wp.exe	V	CMD	IIS worker process
wab.exe	2XV	GUI	Address Book editor
wabmig.exe	2XV	ndu	Outlook Express component
waitfor.exe	V	CMD	Waits for or sends a named signal over a network (batch file utility)
wangimg.exe	2	GUI	Imaging for Windows (scanner application)
wb32.exe	2X	GUI	NetMeeting Whiteboard application
wbadmin.exe	V	CMD	Windows Backup command line interface
wbemperm.exe	2	GUI	WBEM permission editor

<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
wbemtest.exe	2XV	GUI	Web Based Enterprise Management (WBEM) tester
wbengine.exe	V	svc	Block Level Backup (Previous Versions, System Restore) service
wc.exe	V	UNIX	Counts words, lines, and characters in input
wdfmgr.exe	X	SRV	User Mode Driver Framework manager service
weather.js	V	ndu	Sidebar gadget component
webuivalidation.js	2X	ndu	Component of ASP.NET client-side validation control (source: .NET Framework)
wecutil.exe	V	CMD	Manages linkage between Windows event log and event sources
welcome.exe	2	GUI	Getting Started with Windows welcome wizard
wercon.exe	V	GUI	Problem Reports and Solutions control panel
WerFault.exe	V	ndu	Windows Problem Reporting component, assists in logging software crashes
WerFaultSecure.exe	V	ndu	See previous
wermgr.exe	V	ndu	See previous
wevtutil.exe	V	CMD	Extracts log data and manages event logs
wextract.exe	2XV	ndu	CAB auto-extractor used by <b>iexpress.exe</b>
WFS.exe	V	GUI	Windows Fax and Scan application
wgatrayer.exe	X	ndu	Windows Genuine Advantage notification component
where.exe	V	CMD	Searches for files by name
whoami.exe	V	CMD	Displays information on logged-on user
wiaacmgr.exe	XV	GUI	Scanner and Camera Wizard
win.com	2XV	ndu	Provided so that applications that expect to find or run Windows via win.com will work
WinCal.exe	V	GUI	Windows Calendar application
winchat.exe	2X	GUI	Windows Chat
WinCollab.exe	V	GUI	Windows Meeting Space application
windeploy.exe	V	ndu	Windows setup component
WindowsMailGadget.exe	V	GUI	Windows Mail SideShow gadget
WindowsPhotoGallery.exe	V	GUI	Windows Photo Gallery application
WinFXDocObj.exe	XV	ndu	WinFX Graphics manager component
winhelp.exe	2XV	GUI	Windows Help ( <b>.HLP</b> file) viewer
winhlp32.exe	2XV	GUI	Windows Help application
winhstb.exe	2X	ndu	Windows Help component
wininit.exe	V	ndu	Windows logon component
winload.exe	V	ndu	Windows boot component
winlogon.exe	2XV	ndu	Logon manager
WinMail.exe	V	GUI	Windows Mail application
winmgmt.exe	2XV	svc	Web Based Enterprise Management (WBEM) service

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<b>Filename</b>	<b>OS</b>	<b>Type</b>	<b>Description</b>
winmine.exe	2X	GUI	Minesweeper game
winmsd.exe	2X	GUI	Windows Diagnostic utility; displays system information
winrep.exe	2	GUI	Windows Report Tool; prompts for bug reporting information and creates a <b>.CAB</b> file of the entered text and important system config files
winresume.exe	V	ndu	Restores memory from hard disk after hibernation
winrm.cmd	V	SCR	Runs winrm.vbs
winrm.vbs	V	SCR	Remote management tool with extensive capabilities
winrs.exe	V	CMD	Windows Remote Shell management tool
winrshost.exe	V	ndu	Windows Remote Shell management service process
WinSAT.exe	V	CMD	Windows System Assessment
winspool.exe	2XV	ndu	Print spooler system
winver.exe	2XV	GUI	Displays the current version of Windows
wisptis.exe	V	ndu	Tablet PC Input component
wjview.exe	2	CMD	Command-line loader for Java
wlanext.exe	V	ndu	Windows Wireless LAN 802.11 Extensibility Framework component
wlrmldr.exe	V	GUI	Balloon reminder service
wmccds.exe	X	ndu	Windows Media Connect setup component
wmccfg.exe	X	ndu	Windows Media Connect setup component
wmdbexport.exe	X	ndu	Windows Media Player component
wmdSync.exe	V	ndu	Windows Mobile device sync component
wmfdist95.exe	X	ndu	Windows Media Player setup component
WMIADAP.exe	V	CMD	Updates performance counter object data
WmiApSrv.exe	V	svc	Windows Management Instrumentation (WMI) adapter service
WMIC.exe	V	CMD	Queries WMI from the command line
WmiPrvSE.exe	V	ndu	WMI service component
wmi_data.js	X	ndu	Component of help center system info display
wmiadap.exe	X	ndu	WMI component, autodiscovery/autopurge process
wmiapsrv.exe	X	svc	WMI Performance Adapter—provides performance library information from WMI HiPerf providers
wmic.exe	X	CMD	Queries and manages Windows XP via Windows Management Instrumentation
wmiprivse.exe	X	ndu	WMI component, provider host process
wmlaunch.exe	XV	ndu	Windows Media Player launcher
wmpconfig.exe	V	ndu	Windows Media Player component, performs actions requiring UAC confirmation
wmpenc.exe	XV	ndu	Windows Media Player encoder component

Filename	OS	Type	Description
wmplayer.exe	XV	GUI	Windows Media Player
wmploc.js	X	ndu	Component of Windows tour
wmpnetwk.exe	XV	svc	Windows Media Player Network Sharing service
wmpnscfg.exe	XV	ndu	Windows Media Player Network Sharing Service balloon notification task
wmpocm.exe	2	ndu	Installs or removes Windows Media Player icons and Start menu entries (ocm stands for "optional component manager")
wmprph.exe	V	ndu	Windows Media Player Rich Preview Handler
wmpshare.exe	XV	ndu	Windows Media Player Folder Sharing component
WMPSideShowGadget.exe	V	GUI	Media Player gadget for SideShow
wmpstub.exe	X	ndu	Component of Windows Media Player
wmsetsdk.exe	X	ndu	Windows Media Player update download component
WMSvc.exe	V	svc	IIS Manager Service
wordpad.exe	2XV	GUI	Wordpad accessory
wowdeb.exe	2XV	ndu	Windows 3.1 environment component; debugging API
wowexec.exe	2XV	ndu	Windows 3.1 emulation environment
wpabaln.exe	X	GUI	Windows Product Activation balloon reminder
wpcer.exe	V	ndu	Parental control component
wpcumi.exe	V	ndu	Parental control component
WPDShextAutoplay.exe	XV	ndu	Windows Portable Device Shell Extension Autoplay Handler
wpnpinst.exe	2XV	ndu	Support for Internet Printing Protocol (IPP) printing (source: <code>\add-ons\ipp</code> )
wrapperparam.js	X	ndu	Component of help center
write.exe	2XV	GUI	Launches WordPad (supplied for compatibility with older versions of Windows)
WsatConfig.exe	V	CMD	Windows Communication Foundation transaction manager configuration tool
wscntfy.exe	X	ndu	Pop-up those "you are at risk" warnings on the task tray; run by the security center service (source: <code>Windows XP SP2</code> )
wscript.exe	2XV	GUI	Windows Script Host—windowed version
WSManHTTPConfig.exe	V	ndu	Web services setup component
wsqmcons.exe	V	GUI	Customer Experience Improvement data transfer program
wuapp.exe	V	GUI	Windows Update application
wuauclt.exe	2XV	ndu	Windows Update automatic check/download task
wuauclt1.exe	X	ndu	Windows Update Automatic Update component
WUDFHost.exe	XV	ndu	Windows Driver Foundation User-mode Driver Framework Host Process

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Filename	OS	Type	Description
wupdmgr.exe	2X	GUI	Windows Update (launches Internet Explorer)
wusa.exe	V	CMD	Installs Windows Update packages manually
WUSetupV.exe	V	ndu	Windows Update component
wzcssetup.exe	2	ndu	Installs Wireless Zero Configuration service, part of Service Pack 4 installer
XamlViewer_v0300.exe	V	ndu	XAML display component
xcopy.exe	2XV	CMD	Copies multiple files
xpnetdiag.exe	X	GUI	Network Diagnostic tool for XP (source: Windows Update)
xpsp1hfm.exe	X	ndu	Part of Service Pack installer, determines which SP components are necessary
XPSViewer.exe	V	ndu	XPS Viewer (IE plug-in)
zclientm.exe	X	ndu	Internet games component

## Built-In Commands

Built-in commands are handled directly by the command-line interpreter `cmd.exe`. There is no corresponding executable file. Many of these commands are also recognized by the old MS-DOS command line interpreter `command.com`, which is provided with all 32-bit versions of Windows for compatibility. Most of the commands have enhanced functionality in `cmd.exe`.

Command	OS	Description
<code>assoc</code>	2XV	Associates filename extensions with file type
<code>call</code>	2XV	Calls a batch file subroutine
<code>cd</code>	2XV	Changes current working directory; same as <code>chdir</code>
<code>chdir</code>	2XV	Changes current working directory; same as <code>cd</code>
<code>color</code>	2XV	Changes command prompt window color
<code>del</code>	2XV	Deletes files; same as <code>delete</code> and <code>erase</code>
<code>delete</code>	2XV	Deletes files; same as <code>del</code> and <code>erase</code>
<code>dir</code>	2XV	Displays file directory
<code>echo</code>	2XV	Displays text
<code>endlocal</code>	2XV	Restores environment variables
<code>erase</code>	2XV	Deletes files; same as <code>del</code> and <code>delete</code>
<code>exit</code>	2XV	Ends program or subroutine, or terminates command-line interpreter
<code>for</code>	2XV	Repeats command
<code>ftype</code>	2XV	Associates file types to applications
<code>goto</code>	2XV	Performs "go to label" in a batch file
<code>if</code>	2XV	Executes command conditionally
<code>lh</code>	2XV	Loads an MS-DOS TSR program into high memory; same as <code>loadhigh</code>
<code>loadhigh</code>	2XV	Loads an MS-DOS TSR program into high memory; same as <code>lh</code>
<code>md</code>	2XV	Create directory; same as <code>mkdir</code>
<code>mkdir</code>	2XV	Create directory; same as <code>md</code>

Command	OS	Description
<code>move</code>	2XV	Moves files or folders
<code>path</code>	2XV	Sets command search path
<code>pause</code>	2XV	Stops batch file for user interaction
<code>popd</code>	2XV	Restores current directory
<code>prompt</code>	2XV	Sets command-line prompt
<code>pushd</code>	2XV	Saves current directory
<code>rd</code>	2XV	Removes directory; same as <code>rmdir</code>
<code>rem</code>	2XV	Denotes remark or comment text
<code>rename</code>	2XV	Renames files or folders
<code>rmdir</code>	2XV	Removes directory, same as <code>rd</code>
<code>set</code>	2XV	Sets environment variables
<code>setlocal</code>	2XV	Saves current environment
<code>shift</code>	2XV	Deletes and moves command-line arguments
<code>start</code>	2XV	Runs a command or opens a document in a new window
<code>time</code>	2XV	Displays and sets time of day
<code>title</code>	2XV	Sets window title
<code>type</code>	2XV	Copies text file to console window
<code>verify</code>	2XV	Controls automatic verify-after-write

## Control Panel Applets

Control Panel applets are run by the Control Panel program `control.exe`. You can also run them by typing the full name of the `.cpl` file at the command prompt, in the Run dialog or on Vista, in the Start menu's search box.

Filename	OS	Description
<code>access.cpl</code>	2X	Accessibility Options
<code>appwiz.cpl</code>	2XV	Add/Remove Programs
<code>bthprops.cpl</code>	XV	Bluetooth Properties (source: Windows XP SP2)
<code>collab.cpl</code>	V	People Near Me
<code>cttune.cpl</code>	X	ClearType Tuning (source: PowerToys for XP download)
<code>desk.cpl</code>	2XV	Display Properties
<code>fax.cpl</code>	2	Fax Properties
<code>firewall.cpl</code>	XV	Windows Firewall (source: Windows XP SP2)
<code>hdwwiz.cpl</code>	2XV	Add Hardware Wizard
<code>inetcpl.cpl</code>	2XV	Internet Properties
<code>infocardcpl.cpl</code>	V	Windows CardSpace
<code>intl.cpl</code>	2XV	Regional and Language Options
<code>irprops.cpl</code>	2XV	Wireless Link (IRDA infrared)
<code>joy.cpl</code>	2XV	Game Controllers
<code>main.cpl</code>	2XV	Mouse, Keyboard, PC Card Properties

(continues)

Filename	OS	Description
mmsys.cpl	2XV	Sounds and Audio Devices
msmq.cpl	2	Microsoft Message Queuing Service
mwcpa32.cpl	2	IBM Thinkpad modem configuration
ncpa.cpl	2XV	Network Connections
netsetup.cpl	X	Network Setup Wizard
nusrmgr.cpl	X	User Accounts
nwc.cpl	2X	Client Services for NetWare
odbc32.cpl	2X	ODBC Data Source Administrator
powercfg.cpl	2XV	Power Options
sapi.cpl	XV	Speech Properties
sticpl.cpl	2	Scanners and Cameras
sysdm.cpl	2XV	System Properties
TabletPC.cpl	V	Tablet PC
telephon.cpl	2XV	Phone and Modem Options
timedate.cpl	2XV	Date and Time Properties
tweakui.cpl	2	Tweak UI (source: PowerToys for Windows NT download)
wmdConn.cpl	V	Windows Mobile Device Center
wscui.cpl	XV	Security Center
wuauclt.cpl	2X	Automatic Updates

## MMC Management Snap-Ins

MMC Snap-ins are run by the Microsoft Management Control program `mmc.exe`. They can be started by name at the command line, Run dialog, or on Vista, the search box.

Filename	OS	Description
azman.msc	V	Authorization Manager
certmgr.msc	2XV	Certificate Manager
ciadv.msc	2X	Indexing Service Management
comexp.msc	2XV	Component Services (COM/DCOM/COM+) Configuration
compmgmt.msc	2XV	Computer Management
devmgmt.msc	2XV	Device Manager
dfrg.msc	2X	Disk Defragmenter
diskmgmt.msc	2XV	Disk Management
eventvwr.msc	2XV	Event Viewer
faxserv.msc	2	Fax Management
fpmmc.msc	2X	Server Extensions Administrator
fsmgmt.msc	2XV	Shared Folders
gpedit.msc	2XV	Group Policy Object Editor (also seen as Local Security Policy Editor)
ias.msc	2	Internet Authentication Service
iis.msc	2XV	Internet Information Services Administration



Filename	OS	Description
iis6.msc	V	IIS administration, IIS6 compatibility version
lusrmgr.msc	2XV	Local Users and Groups
mscorcfg.msc	2X	.NET Framework Configuration; manages and installs NET applications, configures .NET security policy (source: .NET Framework)
msinfo32.msc	2	System Information
NAPCLCFG.MSC	V	Network Access Protection Client Configuration
nfsmgmt.msc	V	NFS Management
ntsmgr.msc	2X	Removable Storage Management
ntmsoprq.msc	2X	Removable Storage Operator Requests
perfmon.msc	2XV	Performance panel: System Monitor and Performance Logs and Alerts
printmanagement.msc	V	Print Management
rsop.msc	XV	Resultant Set of Policy
secpol.msc	2XV	Local Security Policy
services.msc	2XV	Services
taskschd.msc	V	Task Scheduler
tpm.msc	V	Trusted Platform Module Management
WF.msc	V	Windows Firewall with Advanced Security
wmimgmt.msc	2XV	WMI Configuration

## Screensavers

Screensavers are run by Windows when the system has been idle for a designated time, or from the Display Properties Control Panel when selecting and configuring a screensaver.

Filename	OS	Description
Aurora.scr	V	Aurora
Bubbles.scr	V	Bubbles
channel screen saver.scr	2	Channel
logon.scr	2XV	Windows (also called Windows Logo)
mypixdx.scr	X	My Pictures Slideshow (Media Center version)
Mystify.msc	V	Mystify
nature.scr	X	Nature theme
PhotoScreensaver.scr	V	Photos
Ribbons.scr	V	Ribbons
scrnsave.scr	2XV	Blank screen
space.scr	X	Space theme
ss3dfo.scr	2X	3D Flying Objects
ssbezier.scr	2X	Beziers
ssBranded.scr	V	Windows Energy
ssflwbox.scr	2X	3D Flower Box
ssmarque.scr	2X	Marquee

(continues)

<b>Filename</b>	<b>OS</b>	<b>Description</b>
ssmaze.scr	2	3D Maze
ssmypics.scr	X	My Pictures Slideshow
ssmyst.scr	2X	Mystify
sspipes.scr	2X	3D Pipes
ssstars.scr	2X	Starfield
sttext3d.scr	2XV	3D Text
windows xp media center edition screen saver.scr	X	XP Media Center Edition screen saver
wpg1dfsh.scr	X	Goldfish