



## HDCleaner - Help File

### Complete cleaning for your Windows PC

**HDCleaner is the ultimate tool for cleaning, speeding up, and repairing your device** to improve its performance and make it more secure. Thanks to its simple interface, efficient cleaning features, and optimization options, it's perfect for both advanced and novice users. **With over 5,000 cleaning and repair functions**, HDCleaner minimizes junk files and frees up more system resources for Windows, requires less memory, and runs error-free, resulting in better PC performance. **HDCleaner protects your privacy** by deleting browsing history and browser cookies. **All major browsers are supported.** Chrome and Mozilla-based browsers can be added. **Prevent unnecessary programs** from starting when your computer boots and uninstall programs you don't use; they only slow down your computer. This frees up disk space and saves resources.

### HDCleaner - Complete Cleaning for Your Windows PC

**Is your computer too slow?** Over time, a PC accumulates a multitude of unwanted files and information that not only consume storage space, but also slow down the system and provide information about user behavior. HDCleaner cleans these files and speeds up the computer in no time. **Optimized for use with solid-state drives (SSD) and hard disk drives (HDD).**

### Important Settings for Browser Cleaner

To **prevent important cookies** (banking, LastPass, website logins, etc.) **from being deleted**, open 'Clean', 'Manage Cookies', locate the desired cookie in the 'Delete Cookies' section, then right-click and select 'Keep Cookie'. The desired cookie is now in the 'Keep Cookies' section and will be excluded from the cleaning process. To prevent saved passwords from being deleted, uncheck 'Delete Saved Passwords'. If you have set your browser to restore your last session, you should uncheck 'Saved form information' and 'Session'.

## **Forensic Data Recovery**

To prevent your deleted data from being rendered readable with forensic or specialized recovery software, we recommend that you select 'Destroy forensic traces after cleaning...' after completing the cleaning process.

- 1) Enable Delete paging file on shutdown
- 2) Disable Windows Search and 'Clean up residual traces in indexing service'
- 3) Enable Destroy USN journal traces
- 4) Enable Destroy Cluster Tips
- 5) Enable Overwrite Free Space
- 6) Enable Destroy MFT traces.

## **Optimize PC Performance**

With over **5,000 cleaning and repair features**, HDCleaner minimizes junk files and frees up more system resources for Windows, uses less memory, and runs error-free, resulting in better PC performance.

**You can add any program** on your system to HDCleaner to have its data cleaned.

**Supports Winapp2.ini.**

**Optimized for use with solid-state drives (SSD) and hard disk drives (HDD).**

**HDCleaner supports three cleaning modes:**

**Simple Cleanup** - HDCleaner automatically scans for internet traces and junk files, which can be easily deleted. No user settings are required.

**Standard Cleanup** - This option is for standard users. The user determines which plugins should be deleted. Only the most commonly used plugins are displayed.

**Advanced Cleanup** - Expert Mode is for experienced users. The user determines which plugins should be deleted. All plugins are displayed.

## **Protects Your Privacy**

HDCleaner protects your privacy by deleting your browsing history and browser cookies. Supported browsers: Firefox, Microsoft Edge, Microsoft Chromium Browser, Internet Explorer, SeaMonkey, K-Meleon, Waterfox, Pale Moon, Basilisk, IceDragon, Opera, Opera Neon, SRWare Iron, BiskBrowser, CentBrowser, EpicBrowser, Google Chrome, AmigoBrowser, Iridium, 360Browser, ChromiumBrowser, Vivaldi, 7StarBrowser, CoolNovoBrowser, CocCocBrowser, CooWonBrowser, SlimJetBrowser, YandexBrowser, Brave Browser, FalkonBrowser, Dragon, Safari, Blisk, Torch, SleipnirBrowser, CCleaner... CHROME and MOZILLA-based browsers can be added. See the help file.

## **Faster Startup**

Prevent unnecessary programs from starting when your computer boots up. When you start your computer, it's not just Windows that loads. All of these automatically opening programs consume system memory and can slow down performance. Fortunately, managing startup programs isn't difficult with HDCleaner.

Uninstall programs you don't use; they only slow down your computer. This frees up memory and saves resources. All associated files, settings, and registry entries are also removed.

## **Clean and Optimize the Registry**

The registry contains all the information about your PC settings, software, and hardware. Incorrect file paths, corrupted entries, and other types of errors slow down your computer. Registry Cleaner searches for and fixes various registry problems such as invalid shortcuts, incorrect paths, corrupted ActiveX and COM entries, CLSID values, Explorer extensions, BHOs (Browser Helper Objects), and other types of corrupted and outdated data.

If the registry is corrupted, it can lead to system errors and render the system unusable, requiring a reinstallation. Therefore, it's important to always have a backup of the registry so you can restore your system at any time if something goes wrong. **HDCleaner helps you back up and restore the registry.**

**Search the registry**, find the desired registry values that match the specified search criteria, and display them in a list. Once you've located the registry values, you can easily navigate to the correct value in RegEdit by double-clicking the desired registry item. You can also export or delete the found registry keys and values.

**Defragment the Registry** - Analyze and optimize the registry database. HDCleaner scans and optimizes the Windows registry by removing errors, gaps, and free space, thereby improving computer speed.

**Find and Remove Duplicate Files** - Find and remove duplicate files on your computer. The fast search algorithm finds duplicates of any file type, such as text, images, music, or movies.

**DirToHTML** is a directory-to-HTML index converter that creates an HTML index file from directory structures and files on your computer. The file list can contain subfolders, a single folder, or entire drives.

**DiskDoctor** checks a volume's file system and file system metadata for logical and physical errors.

**Create and edit system restore points** - Restore points are created to allow users to restore the previous system state. Each restore point contains the information needed to restore the system to the selected state. Restore points are created before key changes are made to the system.

Delete files and folders, overwrite free space, and erase entire partitions or entire drives using pseudorandom data or the secure erasure algorithms US DoD 5220.22-M (8-306. / E), US DoD 5220.22-M (8-306. / E, C, and E), Schneier's 7-pass, or Gutmann 35-pass.

With the **file splitter**, you can split a large file into smaller pieces and then reassemble them.

**Encrypt and decrypt files** using the Advanced Encryption Standard (AES), also known by its original name, the Rijndael encryption algorithm.

Detect and analyze Alternate Data Streams (ADS).

**Securely erase entire hard drives.**

Securely erase entire SSDs (SECURE ERASE) without destroying them and reset them to factory default settings.

**Automatically optimize memory and increase RAM.**

## **System Requirements**

Windows 11, 10, 8.1, 8, 7 and Vista. Including both 32-bit and 64-bit versions.

## **Available languages**

German, English, Polish, France, Hungary, Simplified Chinese, Traditional Chinese, Korean, Slovak, Indonesian, Czech, Greek, Romanian, Hindi, Italian, Netherlands, Portuguese, Spanish, Turkish, Japan, Arabic, and Russian.

## **Overview Page**

### **Cleaning Summary**

Here you'll find a summary of all previous HDCleaner activities.

### **Device Performance and Integrity**

Driver problems often lead to error messages, crashes, or blue screens in Windows. HDCleaner detects these problems, and clicking on "Information" usually marks this device with a small exclamation mark.

### **System Startup & Shutdown**

Shows how many seconds your PC takes to boot or shut down. Clicking on "Information" also displays programs that interfered with this system startup or shutdown process.

### **Hard Drive Health**

HDCleaner checks your drives for hard drive errors and fixes them if desired. Click on 'Information' for detailed information.

Installed security software shows you the installed antivirus, antispyware, and firewall programs. The status of System Restore is analyzed and can be easily enabled if disabled.

**Security Center** - HDCleaner checks the status of important security areas and displays a corresponding warning if problems occur (e.g., an out-of-date antivirus program). The status of the firewall, automatic updates, antivirus, antispyware, Internet settings, User Account Control (UAC), Windows Security Center service, and all areas of Windows Security Center are checked. If the Security Center is disabled, you can easily enable it here.

System Information - Information about RAM, CPU, operating system, and graphics card. Click on 'Information' for detailed information.

## Clean

### Clean Wizard

HDCleaner offers **three cleaning modes** to clean your PC: Simple Clean, Standard Clean, and Advanced Clean.

**Simple Cleanup** - HDCleaner automatically searches for internet traces and junk files, which can be easily deleted. No user settings are required.

**Standard Cleanup** - This option is for standard users. The user determines which plugins should be deleted. Only the most commonly used plugins are displayed.

**Advanced Cleanup** - Expert mode is designed for experienced users. The user determines which plugins should be deleted. All plugins are displayed.

Under **Manage Cookies...**, you can specify which cookies should be excluded from the cleanup process.

### Simple Cleanup

Specify the browsers from which internet traces, history, and cookies should be removed, and whether the Recycle Bin should be emptied, and whether Temporary System Files, Temporary Internet Files, and Temporary Application Data should be removed. Then click 'Clean Now' to start the cleanup process.

### Standard or Advanced Cleanup

Specify the plugins or modules to be cleaned in the settings of the Browser Cleaner, System Cleaner, Plugin Cleaner, or Registry Cleaner. To include the Browser Cleaner, System Cleaner, Plugin Cleaner, or Registry Cleaner in the analysis or cleanup process, the corresponding checkbox must be activated. To start the analysis process, click 'Analyze Now'. To start the cleaning process, click 'Clean PC' and follow the instructions.

After the analysis, you can list the objects to be deleted under Details and select/deselect results individually using the checkboxes to then start the cleaning process.

To display the cleanup wizard, click 'Show cleanup wizard'.

**Enabling the TRIM command for SSDs increases PC speed.** The operating system uses the TRIM command to inform an SSD which data has been deleted. The disk then empties the memory cells when idle. There is no need to explicitly empty the memory cells before a future write operation.

## Data Destruction

Set the deletion options in the Options dialog box.

### Permanently delete files

All selected files and folders will be deleted according to international standards, making the deleted data on the storage device irretrievable.

### Overwrite free space on partition

No existing files or data will be deleted; only the areas marked as free on the hard drive will be

overwritten, making them irretrievable. Specify the deletion method under 'Options'.

### **Overwrite ALL data on the partition**

All files and data on the partition will be deleted, making them irretrievable! After deletion, you must reformat the partition to use it. Specify the deletion method under 'Options'.

### **SECURE ERASE of storage devices (SSD, hard drive, flash drive, etc.)**

**SECURE ERASE deletes all data on an SSD and marks the cells as empty. This resets the SSD to factory settings and peak performance, and it only takes a few seconds.**

A hard drive wipe deletes all data on the hard drive. This can take several hours. NOTE: The data cannot be recovered! After deleting all partitions, you must recreate at least one partition and THEN format it.

## **System**

### **Uninstaller - Remove Programs**

The uninstaller removes unnecessary software, apps, and optional features from your computer, freeing up additional storage space on the drive.

### **Startup Programs**

Optimize Windows startup. Disable programs that run automatically when you boot or log in.

### **System Restore**

A system restore restores your system settings to an earlier point in time. Your files are neither deleted nor changed.

### **Browser Helper Objects (BHO)**

Browser Helper Objects (BHO) are computer programs that extend the functionality of your browser. Remove or disable unnecessary or dubious BHOs.

### **System Information**

The system diagnostic tool displays all relevant system parameters and software information.

### **Hardware Information**

The system diagnostic tool displays all relevant hardware information.

## **Hard Drive**

### **DiskDoctor**

DiskDoctor checks your hard drive and fixes any errors found.

### **Defragment Disk**

Improve PC performance by defragmenting and rearranging files on your hard drive.

### **DiskAnalysis**

DiskAnalysis lists the largest videos, music files, images, and archive files that use the most disk space.

### **Invalid Link Files**

Search for broken links pointing to the wrong folder or file name.

### **Duplicate Files**

Scan entire hard drives, storage media, or just individual directories for duplicate files.

### **Paging File**

The pagefile.sys file serves as a memory reserve when other memory resources in the RAM become scarce.

### **Delete Unimportant Files from Your Hard Drive**

With increasing usage, more and more unnecessary files accumulate on Windows systems.

### **Disk Space Manager**

The File and Disk Space Manager shows how much disk space files or entire folders take up.

## **Tools**

### **Recover Deleted Files**

Recover emails, photos, videos, PDF documents, and various other deleted files.

#### **DirToHTML**

Display the structure of all your data, files, folders, and directories clearly as a web page (.html).

#### **AES - Encrypt Files**

Encrypt your sensitive data with 256-bit AES encryption.

#### **File Splitter**

Splits large files into several smaller pieces so they fit on storage devices with limited storage space, such as CDs or floppy disks.

#### **ADS Scanner**

ADS Scanner scans NTFS drives to detect alternate data streams. This is an NTFS technology that allows malware or other applications to hide files and data from Explorer and other file management programs. Recent browser hijackers have used ADS to hide their files, and few anti-malware scanners detect this. Use ADS Scanner to search for and remove these streams.

#### **Rename Files**

Rename multiple files at once, e.g., remove any characters or replace text...

### **Registry**

#### **Search the Registry**

Quickly and precisely search the Registry using detailed search options. All results are clearly displayed in a list and can be sorted, deleted, or exported as desired.

#### **Backup and Restore the Windows Registry**

The Windows Registry is the foundation for the entire Windows configuration. It is a hierarchically structured database that contains everything relevant to the smooth operation of your computer.

#### **Defragment the Registry**

Reorganizes your Registry to prevent database problems. This not only saves storage space but also results in faster access times, thus enabling faster work overall.

### **Monitoring**

#### **Maximum performance through live tuning and automatic disk space cleanup**

With HDCleaner, you can set up automatic monitoring and cleaning of your Internet browsers when you close them, as well as automatic disk space cleanup of your PC.

**Live Tuner** changes the process priorities of individual applications to speed up their startup.

Monitor autorun entries in real time. If a program enters the autorun routine, you will be notified.

Automatic memory optimization with or without notification. (Time period adjustable under Options)

System Monitoring cleans your PC when a specified threshold is reached (time period adjustable under Options)

Browser Monitoring monitors your browsers and can automatically clean browser files and settings when you close the browser, or ask you if you want to run a cleanup.

If you enable automatic monitoring, an icon will appear in the system tray.

### **Backup Center**

Before changes are made to your system, a backup of deleted items is created upon request. This allows you to easily restore them in the event of problems.

HDCleaner can create backups for the following modules:

Registry Cleaner, Remove Unnecessary Files, Autorun Manager, Scan Registry, and PluginCleaner (registry entries only).

You can easily restore these backups if necessary.

To do this, select the backup you want to restore and click 'Restore' to restore the entire backup. Click 'Open' to restore individual items, or click 'Delete' to delete the backup to the Recycle Bin.

## **Clone**

### **Clone Hard Drive or SSD**

This process copies the entire contents of one hard drive to another to create two identical drives with the same file structure, effectively copying all the contents of one hard drive to another. This process allows you to transfer all data (including the operating system and installed programs) from one hard drive to another without having to reinstall and configure all your software.

To do this, select the source and destination disks and then click 'Start'.

Please note that starting the clone process will delete all data on the destination disk and cannot be recovered.

## **Options**

### **Settings**

#### **Set the language.**

Available languages: German, English, Polish, France, Hungary, Simplified Chinese, Traditional Chinese, Korean, Slovak, Indonesian, Czech, Greek, Romanian, Hindi, Italian, Netherlands, Portuguese, Spanish, Turkish, Japan, Arabic, and Russian.

Jump to Dashboard on Startup - Specify whether HDCleaner opens with the overview page or the last opened page.

Specify whether files older than 24 hours are only deleted from the Recycle Bin.

Specify whether files older than 24 hours are only deleted from the Temp folder.

Specify whether files older than 10 days are only deleted from the SoftwareDistribution folder.

Specify whether HDCleaner should automatically check for HDCleaner updates.

Ignore User Account Control Warning (UAC) - For security reasons, a warning message appears before many system changes and program launches, which must be confirmed. You can disable this User Account Control prompt for HDCleaner.

Show Warnings - Some plugins display warnings that indicate the consequences of activating them. You can also disable these warnings.

System Clean Update Time - Specify the update time for monitoring System Clean.

Optimize Memory Update Time - Set the update time for memory optimization monitoring.

Specify how HDCleaner deletes files during plugin cleaning:

- Deletes files, not the Recycle Bin

- Deletes files to the Recycle Bin

- Deletes files (see 'Deleting Data')

When Windows starts, HDCleaner should:

- Do nothing

- Start cleanup and exit HDCleaner

- Start cleanup and minimize HDCleaner to the system tray

Specify whether monitoring:

- Displays large notification windows in the system tray

- Enables sound for notifications

- Set the notification time in seconds

#### **Backup Center:**

HDCleaner can create backups for the following modules:

Registry Cleaner, Remove Unnecessary Files, Autorun Manager, Scan Registry, and PluginCleaner (registry entries only).

You can easily restore these backups if necessary.

#### **Ignore List**

Specify files, folders, and registry values that should not be removed during the cleaning process.

Wildcards (e.g., \*Software\*) are allowed.

### **Include**

Specify additional files and folders that should be removed during the cleaning process. Wildcards (e.g., \*Software\*) are allowed.

### **Context Menu**

Extend Explorer's context menu with HDCleaner:

- Add HDCleaner to Explorer's context menu
- Add HDCleaner to the Recycle Bin's context menu

### **Destroy Files**

If you want to destroy files, overwrite free space, delete data on partitions, or delete drives so that the data is securely deleted, you can select presets.

Pseudorandom Data

US DoD 5220.22-M (8-306. / E)

US DoD 5220.22-M (8-306. / E, C and E)

Schneier's 7 pass

Gutmann

### **Maintenance**

**Start cleaning according to a schedule** - Set a schedule:

- Run at logon,
- Daily run,
- Weekly run,
- Monthly run

Under Settings, specify which browsers and plugins should be cleaned.

NOTE: For scheduling to work, the Windows Task Scheduler service must be running.

### **Users**

Specify which user profiles HDCleaner should clean.

- Only the current user
- All user profiles
- Selected users: Specify a user and then click 'Disable user' to exclude the user profile from the cleaning process.

### **Available plugins**

List of all plugins supported by HDCleaner Plugins

### **Advanced Usage**

HDCleaner Command Line Parameters:

"C:\Program Files\HDCleaner\HDCleaner.exe" /debug

Running HDCleaner in debug mode creates a log file in the installation folder containing information about HDCleaner activities for troubleshooting.

Other HDCleaner Command Line Parameters:

Parameter Explanation Example

HDCleaner.exe /S This performs a silent installation of HDCleaner with default options. HDCleaner.exe /S

HDCleaner.exe /D = This installs HDCleaner in a folder other than the default. HDCleaner.exe /D=C:\DirectoryToInstall

Note: You can use multiple parameters by including them on the same line. For example,

HDCleaner.exe /S /D=C:\DirectoryToInstall

would silently install HDCleaner in the C:\DirectoryToInstall folder.

About HDCleaner INI Files:

INI files must be saved in Unicode format. Duplicate plugin names cause the program to crash.

Additional INI files must be located in the application's installation folder (usually C:\Program Files\HDCleaner).

Winapp2.ini allows you to add entries for new software that HDCleaner can clean.

In Winapp1.ini, any applications you list there replace the default applications on the Applications tab.

In Winsys1.ini, any entries listed there replace the default applications on the Windows tab.

When the application is first installed, no INI files are present by default.

**LangSecRef** indicates the appropriate category:

3005 = Microsoft Edge

3006 = Edge Chromium

3032 = CCleaner Browser

3033 = Vivaldi

3034 = Brave

3091 = Games

3021 = Applications

3022 = Internet

3023 = Multimedia

3024 = Utilities

3025 = Windows

3026 = Firefox

3027 = Opera

3028 = Safari

3029 = Google Chrome

3030 = Thunderbird

3031 = Windows Store

4060 = SRWare Iron

3001 = Internet Explorer

3002 = Windows Explorer

3004 = Advanced

3003 = System

4065 = ChromiumBrowser

4067 = CentBrowser

4068 = EpicBrowser

4069 = SlimJetBrowser

4070 = 7StarBrowser

4071 = AmigoBrowser

4072 = CoolNovoBrowser

4073 = CocCocBrowser

4074 = CooWonBrowser

4075 = YandexBrowser

4076 = 360Browser

4077 = KMeleon

4078 = Waterfox

4079 = Iridium

4080 = SeaMonkey

4081 = Pale Moon

Example: LangSecRef = 3003 - The application should be listed in the System category.

Section - Defines the category of the entry if the category is not listed in LangSecRef.

Any value can be specified for Section.

[MyProgram]

Section=MyLogfilesSection

DetectFile=%AppData%\MyProgram

FileKey1=%AppData%\MyProgram|logfile.\* - deletes every file named logfile

DetectFile = file or folder to detect a program by file or folder

Detect = registry key to detect a program by the presence of a registry key

FileKeyX = specifies the files or folders to be deleted

File mask options:

| - You can use the pipe symbol to separate the file mask options

\*.\* - deletes all files in this folder. Example: %ProgramFiles%\MyFolder|\*.\*

RECURSE - deletes subfolders and their contents. Example: %ProgramFiles%\MyFolder|\*.\*|RECURSE

REMOVESELF - like RECURSE, but also deletes the folder and all its contents. Example:

%ProgramFiles%\MyFolder|\*.\*|RECURSEREMOVESELF (My Folder will be deleted)

\*.fileextension; - deletes all files in the folder with the specified extension. Example: \*.txt

You can also clean specific files - Example: myfile.txt

ExcludeKey - Used to exclude a file, directory, or registry path from cleaning.

ExcludeKey1=FILE|%WinDir%\System32\|myfile.txt excludes the deletion of myfile.txt.

ExcludeKey2=REG|HKCU\Software\MyRegKey prevents the MyRegKey key from being deleted from the registry.

ExcludeKey3=PATH|%WinDir%\System32\|\*.dll excludes the deletion of all DLL files.

RegKeyX = Specifies the registry keys or values to be cleaned.

Registry keys are HKCU (HKEY\_CURRENT\_USER), HKLM (HKEY\_LOCAL\_MACHINE), etc.

Registry mask options:

| - You can use the pipe symbol to delete a specific value from a registry key.

Examples:

[MyProgram]

LangSecRef=3021

DetectFile=%AppData%\MyProgram

Default=False

FileKey1=%AppData%\MyProgram|logfile.\* - deletes every file named logfile

FileKey2=%AppData%\MyProgram\MySubFolder|\*.log;\*.txt|RECURSE - recursively deletes all log and TXT files

[MyRegistryKey]

LangSecRef=3021

Detect=HKCU\Software\MyRegistryKeyToDelete

Default=False

RegKey1=HKCU\Software\MyRegistryKeyToDelete|valuetoDelete - deletes the registry value valuetoDelete

RegKey2=HKCU\Software\MyRegistryKeyToDelete\RegKeyToDelete - deletes registry keys

RegKeyToDelete

To add Chromium-based browsers, portable Chromium-based browsers, Mozilla-based browsers, or ThunderbirdPortable to HDCleaner:

Create an INI file named AddedBrowsers.ini in Unicode format in the installation folder. The entries must have the following format:

[Name of the Chromium (or Mozilla or ThunderbirdPortable)-based browser \*]

PathExeFile=This is the browser's EXE file name

PathUserDataDefault=Path to the default user data folder

Type=CHROME( or MOZILLA or THUNDERBIRD)

Examples:

[GoogleChromePortable\*]

PathExeFile=C:\portable\GoogleChromePortable\App\Chrome-bin\chrome.exe

PathUserDataDefault=C:\portable\GoogleChromePortable\Data\profile

Type=CHROME

[IronPortable\*]

PathExeFile=C:\portable\IronPortable\App\Iron\Iron.exe

PathUserDataDefault=C:\portable\IronPortable\Data

Type=CHROME

[Fire foxPortable\*]

PathUserDataDefault=C:\portable\FirefoxPortable\Data\profile

PathExeFile=C:\portable\FirefoxPortable\App\Firefox64\Firefox.exe

Type=MOZILLA

[K-MeleonPortable\*]

PathUserDataDefault=C:\portable\K-MeleonPortable\Data\profile

PathExeFile=C:\portable\K-MeleonPortable\App\K-Meleon\K-Meleon.exe

Type=MOZILLA

[ThunderbirdPortable \*]

PathUserDataDefault=E:\Software\ThunderbirdPortable\Data\profile

PathExeFile=E:\Software\ThunderbirdPortable\App\Thunderbird\Thunderbird.exe

Type=THUNDERBIRD

## **Cookies**

A cookie is a small text file that a web server stores on a user's computer via the browser. It contains information about a website visit, such as the duration of the visit, which page was visited, or the visitor's input.

Online shops use cookies to create a virtual shopping cart into which the customer places their items. Customers can still browse the store for products at any time. In these cases, the use of cookies saves time and money. Cookies also make it possible to log a user's usage habits and create user profiles.

When you run the cleanup, HDCleaner deletes all cookies for all your web browsers (Internet Explorer, Mozilla Firefox, Safari, Opera, etc.) by default, except for those in the 'Keep cookies' column, which is located in 'Manage cookies...'.

### **To save specific cookies on your PC:**

In 'Cleanup', click 'Manage Cookies...'. Select the cookies you want to keep, then right-click 'Keep Cookies'.

## **Installer Command Line**

HDCleaner.exe /si This performs a silent installation with default options. (quiet)

HDCleaner.exe /Dir= Replace the default folder with a custom installation path.

## **Additional parameters**

/re Create a system restore point

/st Create Start menu entries

/de Create a desktop shortcut

/la Start the program after installation

/up Automatically checks for updates

/us Install for all users

/co Create context menu entries

/lg Installs with a language file identified by its ID (HDCleaner.exe /lg=lang\_en)

HDCleaner.exe /si /dir=C:\DirectoryToInstall /re /st

Would silently install HDCleaner.exe in the C:\DirectoryToInstall folder, create a system restore point, and create Start menu entries

**ID for language file IDs**

lang\_de = German

lang\_en = English

lang\_fr = French

lang\_es = Spanish

lang\_cs = Simplified Chinese

lang\_nl = Dutch

lang\_ct = Traditional Chinese

lang\_jp = Japanese

lang\_ko = Korean

lang\_it = Italian

lang\_ru = Russian

lang\_bg = Bulgarian

lang\_pl = Polish

lang\_hu = Hungarian

lang\_pt = Portuguese

lang\_hi = Hindi

lang\_tr = Turkish

lang\_ar = Arabic

lang\_sl = Slovenian

lang\_id = Indonesian

lang\_cz = Czech

lang\_gr = Greek

lang\_ro = Romanian

lang\_sk = Slovak