

## CCleaner Beginner's Guide

### Getting Started

CCleaner is a **freeware** system optimization and privacy tool. It removes unused files from your system - allowing Windows to run faster and freeing up valuable hard disk space. It also cleans traces of your online activities such as your Internet history. But the best part is that it's fast (normally taking less than a second to run) and contains NO Spyware or Adware! :)

CCleaner was fully tried and tested with Windows 98/NT4/ME/2000/XP/2003/Vista. It's currently partially compatible with 64bit XP and Vista, there are a few non-critical issues which are still being worked on.

### Cleans the following:

#### **Internet Explorer**

Temporary files, URL history, cookies, Autocomplete form history, index.dat.

#### **Firefox**

Temporary files, URL history, cookies, download history.

#### **Opera**

Temporary files, URL history, cookies.

#### **Windows**

Recycle Bin, Recent Documents, Temporary files and Log files.

#### **Registry cleaner**

Advanced features to remove unused and old entries, including File Extensions, ActiveX Controls, ClassIDs, ProgIDs, Uninstallers, Shared DLLs, Fonts, Help Files, Application Paths, Icons, Invalid Shortcuts and more... also comes with a comprehensive backup feature.

#### **Third-party applications**

Removes temp files and recent file lists (MRUs) from many apps including Media Player, eMule, Kazaa, Google Toolbar, Netscape, MS Office, Nero, Adobe Acrobat, WinRAR, WinAce, WinZip and many more...

#### **100% Spyware FREE**

This software does NOT contain any Spyware, Adware or Viruses.

It contains two essential tools:

#### 1. File Cleaner

This removes files that are not needed by your system, such as: temporary files, internet cache files, log files, deleted files in the recycle bin, and many more. The options for what to remove are covered by the first two tabs on the left of the main window: Windows and Applications.

#### 2. Registry Cleaner

This scans your registry and highlights issues that may be causing problems. Once scanned you may select the issues and fix them. You will be offered the chance the backup any changes as well. The options for what to scan are listed on the third tab "Issues" on the main window.

## ***Why should I clean my system?***

Do you remember how fast your computer was when you first got it? This is because you hadn't yet installed all those demos and utilities that you no longer use. Most of these programs leave behind temporary files and registry entries, even when uninstalled!

Additionally your operating system records every visit to every website; every time you open a document, and a lot more. Do you want people to be able to find out this information?

Even if you don't mind other people knowing what websites you visit, your internet browser can save personal information about you, such as your name, address, date of birth, passwords and credit cards numbers. Luckily CCleaner will remove all of these!

## **Features**

### **Program Summary:**

CCleaner is a freeware PC optimization tool. That removes unused and temporary files from your system - allowing Windows to run faster, more efficiently and giving you more hard disk space. The best part is that it's Small, Fast and Free!

### **Cleans the following Windows components:**

#### **Internet Explorer**

- Temporary File Cache.
- URL History.
- Cookies.
- Hidden Index.dat files.
- Last download file location.

#### **Firefox**

- Temporary File Cache.
- URL History.
- Cookies.
- Download manager.

#### **Opera**

- Temporary File Cache.
- URL History.
- Cookies.

- Recycle Bin
- Clipboard
- Windows Temporary files
- Windows Log files.
- Recent Documents (on the Start Menu).
- Run history (on the Start Menu).
- Windows XP Search Assistant history.

- Windows XP old Prefetch data
- Windows memory dumps after crashes.
- Chkdsk file fragments.

### **Advanced Options allow cleaning of:**

- Windows XP old Prefetch data.
- Menu Order cache
- Tray Notifications Cache
- Window Size and Location Cache
- User Assist history
- IIS Log Files
- Custom Folders

### **Application Cleaning:**

As well as cleaning up old files and settings left by standard Windows components, CCleaner also cleans temporary files and recent file lists for many applications. Including:

- Firefox, Opera, Media Player, eMule, Kazaa, Google Toolbar, Netscape, Office XP, Nero, Adobe Acrobat, WinRAR, WinAce, WinZip and more...

### **Registry Issues Cleaning:**

CCleaner uses an advanced registry cleaner to check for problems and inconsistencies. It can check the following:

- File Extensions
- ActiveX Controls
- ClassIDs
- ProgIDs
- Uninstallers
- Shared DLLs
- Fonts
- Help File references
- Application Paths
- Icons
- Invalid Shortcuts and more...

### **Safety:**

CCleaner was designed from the ground to be safe and secure to use. It has multiple levels of checks in place to ensure that it cannot delete any useful information or documents you may still need. We also certify that it contains no Spyware or Adware.

### **Portability:**

CCleaner can run from a USB thumbdrive and be installed/run on a computer without a complicated setup process.

## **High Security:**

For the super cautious users we also offer secure file erasing. By overwriting the files before deleting them, making it impossible to recover the data.

Cleaner

### **Windows**

On your left you have check boxes to select what you would like to clean or not to clean.

**Tip:** I recommend using the default checked boxes and running Advanced maybe once a month or so.

At the bottom of Progress you have **Analyze** and **Run Cleaner**.

Clicking on **Analyze** will create a list of everything CCleaner is going to clean. You can right click in the big white box and save the list as a text file.

Clicking on **Run Cleaner** will clean everything. You can right click in the big white box and save the list as a text file. Note: you do not have to run **Analyze**, if you do not wish too.

### **Applications**

On your left you have check boxes to select what you would like to clean or not to clean.

**Tip:** I recommend having them all checked. Unless you are a business or use the documents a lot, I would uncheck the Office box under Applications.

The Applications cleaning is tied in with the Windows cleaning, so it cleans them both at once. You do not have to click on each individual tab to clean Windows and Applications.

Keyboard Shortcuts

**ALT+A** Analyze

**ALT+C** Cancel

**ALT+R** Run Cleaner

Cleaner

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## Cleaner Information

### **Windows Tab**

#### **Internet Explorer**

##### **Temporary Internet Files**

This is the Internet Cache for IE. It saves the web pages and pictures from the sites you're visiting to your hard disk. These can build up over time to consume a large amount of disk space and may potentially contain personal information. Selecting this option will safely remove the files.

##### **Cookies**

Cookies are small text files that Web sites save on your computer to help your browsers remember specific information. For example, they might store your username and password. They are also used to store your preferences for personalized pages or to build a profile of which sites you visit and which banner ads you click on. Advertisers use this information to deliver targeted ads directly to your computer. Selecting this option will safely remove the files. You may wish to keep certain cookies, these may be selected on the Options window.

##### **History**

Much like the Internet Cache, IE also records and stores the addresses of all the websites you have visited. Selecting this option will safely remove the record of websites you have visited.

##### **Recently Typed URLs**

Any website addresses you manually type into the address bar are stored and displayed in the address drop-down box. Selecting this option will safely remove the record of typed in addresses.

### **Delete Index.dat files**

Although essentially undocumented by Microsoft there are several hidden files, all with the filename index.dat that reside in directories on your system. These permanently cache website addresses and cookies from sites you have visited. This list is never deleted and gradually increases in size, resulting in IE slowing down. Selecting this option will mark these files for deletion the next time your computer is rebooted. (Unfortunately these files cannot be deleted immediately as they are permanently in use by the operating system.)

### **Last Download Location**

When you download a file from the internet, IE remembers the directory location you chose. Selecting this option will clear the last directory, and reset to the default folder. On most systems the default location is the desktop.

### **Autocomplete Form History**

When you type in a username and password on a webpage, IE frequently prompts you to select whether you'd like it to remember these details for next time. Whilst this is very useful and may save you time logging in. It can be a security risk as other people will be able to log in from your computer. Selecting this option will remove any stored usernames and passwords.

## **Windows Explorer**

### **Recent Documents**

When you open a document or file in Windows, a record of this is stored under the Recent Documents list on the Start menu. Selecting this option will clear this list. (Note: The documents themselves are left untouched.)

### **Run (in Start Menu)**

An alternative to running programs from a shortcut icon, is to type in the application name into the Run form on the start menu. Every time you do this, the program you typed in is added to the drop-down list of previously run programs. Selecting this option will clear this list.

### **Search Assistant Autocomplete**

When you search for a file in Windows Explorer, the file is added to a list of previously searched for files. Selecting this option will clear this list.

### **Other Explorer MRUs**

MRUs (Most Recently Used) are lists within windows and in applications that maintain a list of the last few (normally 4 to 8) opened documents. It is normally located on the File menu of the application. This option clears a range of minor lists within Windows, including common dialogs, network drives and DirectX applications.

## **System**

### **Empty Recycle Bin**

This option will empty the Recycle Bin.

### **Temporary Files**

Many applications use temporary files when working to save information. These are normally deleted upon exit, but occasionally they can be left behind. Normally when the program is not shut down properly. This option will safely delete these files. (By default it only removes files that haven't been used in the last 10 days, this prevents current temp files from being removed. There is an option to turn off this feature on the Options window.)

### **Clipboard**

The windows clipboard can contain personal information you've copied from documents and also if it contains a large amount of data, it can use up a lot of memory. This option clears the clipboard and frees up the memory being used.

### **Memory Dumps**

When windows crashes or blue screens the system saves a memory dump, potentially containing information about how the crash happened. This data is generally never needed, even by advanced computer professionals and may be safely deleted. This option will remove these memory dumps.

### **Chkdsk File Fragments**

Chkdsk (CheckDisk) is the utility windows uses to scan the hard disk for files errors. Sometimes it finds fragments of files left on your system. These are saved as .CHK files on your system drive. In most cases these files are never needed and may be safely deleted. Selecting this option will remove these files.

### **Windows Log Files**

When you install a new program or piece of hardware Windows logs the changes to .LOG files in the Windows directory. In most cases these files will never be needed, even for advanced users. This option will safely delete these files.

### **Start Menu Shortcuts**

Removes start menu shortcuts that points to files that no longer exist.

### **Desktop Shortcuts**

Removes desktop shortcuts that points to files that no longer exist.

## **Advanced**

### **Old Prefetch Data**

In Windows XP a Prefetch file is generated each time an application is run. This helps Windows optimize the application the next time it is executed. Unfortunately these files are not deleted when the applications are removed. This option removes these files for programs that haven't been accessed in 14 days. (This process is very safe and Windows will recreate the files as necessary.)

### **Menu Order Cache**

The Start menu allows you to set a custom order to the programs listed, although there's no

option to sort all folders by name. Selecting this option removes any custom ordering from the Start menu.

### **Tray Notifications Cache**

In Windows XP the System Tray (the set of icons next to the clock in the bottom-right corner) orders and hides items automatically for you. Whilst this is useful, it records a list of every program that has been run from the tray. This option clears the list of previous programs and removes any custom display/hide options. (Warning: This won't have any affect until you manually restart the explorer process from the Task Manager.)

### **Window Size/Location Cache**

Windows Explorer stores the view formatting and ordering settings for each folder on your system. After some time, this can contain a large amount of redundant data and may even slow down browsing for files on your system. Selecting this option will clear this data and reset the Windows Explorer display settings to their default option.

### **User Assist History**

The start menu on Windows XP displays a list of the most recently run programs. Selecting this option will clear this list.

### **IIS Log Files**

IIS (Internet Information Server) is the service Windows uses to display web pages. This comes with most XP Pro and Windows 2000 installations and is generally only used by web developers or designers. Every time someone requests a page it gets logged to a text file. Unless the computer is a web server, these are generally not needed, and may be safely deleted. This option will safely delete these files.

### **Hotfix Uninstallers**

This will remove your Windows Updates from `WINDOWS\%NtUninstallKB%`, you will not be able uninstall the Windows Updates.

### **Custom Files and Folders**

Will clean your custom files and Folders that you have selected in Options, Customs.

Registry

On your left you have check boxes to select what you would like to clean or not to clean. By default, all are selected.

**Tip:** I recommend having them all checked.

Clicking on **Scan for Issues** will create a check list of everything CCleaner is going to remove from the registry.

**Problem** - Will tell you what the problem is. You can click on the check box next to **Problem** to check or uncheck all the problems.

**Data** - What the registry key is.

**Registry Key** - What the full path of the registry key is.

Right clicking on a Problem:

**Select All** will select everything.

**Select All of Type** will select everything with the same **Problem**. Example: Missing MUI Reference

**Deselect All** will deselect everything.

**Deselect All of Type** will deselect everything with the same **Problem**. Example: Missing MUI Reference

**Open in Regedit...** will open the selected entry in regedit. *This feature may not work if your Windows XP account is limited and regedit has been disabled on it.*

Clicking on **Fix selected issues...** will remove everything selected. Once you click on **Fix selected issues...** you will be asked "Do you want to backup changes to the registry?" It's up to you, if you want to or not, but I never had any problems with not backing up. But, I backup my full registry every now and then anyways.

Now a window will pop up saying how many there are and what it is. In the top left, it will say what the problem is, and at the top it will describe the problem in full. At the bottom you have 5 buttons. << >> will scroll through all of the problems. **Fix Issue** will fix each issue one by one. **Fix All Selected Issues** will fix all of the issues you have selected. I tend to click on **Fix All Selected Issues**, because there are so many... Once you are done, just click on Close. Many of them might recreate themselves once you restart your computer, but it's ok. It's a Windows thing.... Lastly, **Close** will close the Issue Fix window.

## **Issue Scanning Information**

### **Registry Integrity**

**Missing Shared DLLs** - Invalid paths to missing shared DLLs.

**Unused File Extensions** - File extensions no longer used by programs.

**ActiveX and Class Issues** - Invalid paths to ActiveX and Class components that no longer installed.

**Type Libraries** - Invalid paths to type libraries that no longer exist.

**Applications** - Invalid paths to frequently-used programs in the Start Menu.

**Fonts** - Invalid paths to fonts that no longer installed.

**Application Paths** - Invalid paths to applications that no longer installed.

**Help Files** - Invalid paths to help files that no longer installed.

**Installer** - Invalid paths to .exe files that no longer there.

**Obsolete Software** - Invalid paths to programs that are that no longer in use.

**Run At Startup** - Invalid paths to programs that no longer startup with Windows.

**Start Menu Ordering** - Invalid folders referenced in the Start Menu.

**MUI Cache** - Invalid icons and their string descriptions for various internal Windows uses.

### **Restoring Issues Backup**

Go to the folder where your Issues backup is located (default location is My Documents). The backup file will be something like this cc\_20070130\_1437. cc (CCleaner) 20070130 (Year, Month, Day) 1437 (Time, 24 hour clock). Right click on the file and click on **Merge**, you will be asked if you would like to add the information or not.

Keyboard Shortcuts

**ALT+S** Scan for Issues

**ALT+C** Cancel

**ALT+F** Fix selected issues

Tools

### **Uninstall**

You should see a list of Programs that you can uninstall. This list is also found in Add/Remove Programs in the Control Panel. On your right you have **Run Uninstaller**, **Rename Entry**, and **Delete Entry**.

**Run Uninstaller** will remove the application from Windows.

**Rename Entry** will rename it to whatever you want.

**Delete Entry** will remove the program from Add/Remove Programs. This can come in handy if you don't want to remove the program or it's no longer installed, but still listed in Add/Remove Programs.

**Save to text file...** will save the Programs to Remove list.

There is a **Right-Click Menu** that will list the 4 options as listed above.

### **Startup**

You should see a list of programs that startup when you start Windows.

**Enabled** (Shows you if the startup program is enabled or disabled)

**Key** (Shows where it is located in the registry)

**Program** (Shows the program's name)

**File** (Shows where it is located on your hard drive)

On the left you have **Disable** or **Delete Entry**. Disable will only disable the program from starting up. Delete Entry will remove the program from starting up with Windows. Note: Do not use unless you know what you are doing.

Options

## Settings

**Language** (The language CCleaner is in)

**Run CCleaner when the computer starts** (Runs CCleaner when Windows starts up)

**Add "Run Cleaner" option to Recycle Bin context menu** (This will add Run Cleaner to right click menu of the Recycle Bin)

**Add "Open CCleaner" option to Recycle Bin context menu** (This will add Open CCleaner to right click menu of the Recycle Bin)

**Automatically check for updates to CCleaner** (This will check for a new version of CCleaner, checks every 10 mins)

**Secure Deletion** (Changing the option here will allow for secure file deletion)

- Normal file deletion (Faster) - Default
- Simple Overwrite (1 pass)
- DOD 5220.22-M (3 passes)
- NSA (7 passes)
- Gutmann (35 passes)

## Cookies

This will manage your cookies. When cleaning with CCleaner, you may not want to delete a certain cookie. So just select it and click the -> button to keep that cookie. Works with **Internet Explorer** and **Mozilla Firefox**.

## Include

This will clean the files and folders that you add. It will list them in the big white box. On your right you have **Add Folder**, **Add File**, and **Remove Folder**. It also supports drag-and-drop,

just drag the file or folder to the window and then you will be prompted to add or not.

**Add Folder** will add a folder to the custom clean list.

**Add File** will add a file to the custom clean list.

**Remove Selected** will remove a file or folder from the custom clean list.

*In order to clean custom files or folders, you must have **Advanced - Custom Files and Folders** checked.*

## **Exclude**

This will clean not the files and folders that you add. It will list them in the big white box. On your right you have **Add Folder**, **Add File**, and **Remove Folder**. It also supports drag-and-drop, just drag the file or folder to the window and then you will be prompted to add or not.

**Add Folder** will add a folder to the custom clean list.

**Add File** will add a file to the custom clean list.

**Add Registry** will add a registry key to the custom clean list.

**Remove Selected** will remove a file or folder from the custom clean list.

*In order to clean custom files or folders, you must have **Advanced - Custom Files and Folders** checked.*

## **Advanced**

**Only delete files in Windows Temp folder older than 48 hours** (This will only remove files in the temp folder older than 48 hours)

**Hide warning messages** (This will hide all warning messages when checking certain cleaning boxes)

**Close program after cleaning** (This will automatically close the program after cleaning)

**Show prompt to backup registry issues** (This will show a warning box to if you want to backup your registry or not)

**Show detailed log of Internet Explorer temporary files** (This will show the entire log of all Internet Explorer files cleaned)

**Show detailed log of Firefox/Mozilla temporary files** (This will show the entire log of all Firefox/Mozilla files cleaned)

**Minimize to System Tray** (This will minimize CCleaner to System Tray)

**Save all settings to INI file** (This will save all the CCleaner settings to ccleaner.ini instead of the Registry)

*Note: Saving to ini can be useful if your Windows account is limited and doesn't have access to the registry.*

## About

Shows the version number, link to the website, and command-line parameters.

winapp2.ini

How to add your own program to CCleaner.

You will need to open Notepad.

Paste this into Notepad:

```
; Application Cleaning file
;
; Notes
; -----
; LangSecRef
; 3021 = Applications
; 3022 = Internet
; 3023 = Multimedia
; 3024 = Utilities
; 3025 = Windows
```

Now Save As, in the CCleaner Folder, Save as type: All Files, now Filename: winapp2.ini, and click on Save. Now you have a blank cleaning .ini file to begin with.

Ok, let's look at an entry. (This entry can be found in winapp.ini).

```
[Remote Desktop]
LangSecRef=3025
Detect=HKCU\Software\Microsoft\Terminal Server Client
Default=True
FileKey1=%userprofile%\Local Settings\Application Data\Microsoft\Terminal Server
Client\Cache|*.*
RegKey1=HKCU\Software\Microsoft\Terminal Server Client\Default
```

Now, let's break it down.

[Remote Desktop] Just put whatever name you want in [ ].

LangSecRef=3025  
3021 = Applications  
3022 = Internet  
3023 = Multimedia  
3024 = Utilities  
3025 = Windows

In order find the registry path for the the program you want to add. Click on **Start, Run,** and type **regedit.** (Administrator access required)

Detect=HKCU\Software\Microsoft\Terminal Server Client

HKCU - HKEY\_CURRENT\_USER  
HKLM - HKEY\_LOCAL\_MACHINE  
HKU - HKEY\_USERS

***This will detect if the program is installed or not.***

Most programs will be in HKCU, but every now and then. It will be in HKLM.

To find the program you want to add, go to either HKCU\Software or HKLM\Software. Usually the program path will be the company name of who made the program.

If is a program made by Microsoft, it will be HKCU\Software\Microsoft or HKLM\Software\Microsoft

If you need to Detect a program that is installed in a folder use:

DetectFile=

Example: DetectFile=%ProgramFiles%\CCleaner\ccleaner.exe

Default=True

True - Checked when you start CCleaner.

False - Unchecked when you start CCleaner.

FileKey - Located in a folder. Must start with 1 and then count up.

FileKey1=%userprofile%\Local Settings\Application Data\Microsoft\Terminal Server Client\Cache|\*.\*

## **Parameters**

The parameters are basic environment variables in Microsoft Windows.

Managing Environment Variables & System Variables

You must be an administrator to modify a system environment variable. System environment variables are defined by Windows and apply to all computer users. Changes to the system environment are written to the registry, and usually require a restart to become effective.

User Variables for *User Name*

Any user can add, modify, or remove a user environment variable. These variables are established by Windows XP Setup, by some programs, and by users. The changes are written to the registry, and are usually effective immediately. However, after a change to user environment variables is made, any open software programs should be restarted to force them to read the new registry values. The common reason to add variables is to provide data that is required for variables that you want to use in scripts.

To view or change environment variables:

1. Right-click **My Computer**, and then click **Properties**.
2. Click the **Advanced** tab.
3. Click **Environment variables**.
4. Click one of the following options, for either a user or a system variable:
  - Click **New** to add a new variable name and value.
  - Click an existing variable, and then click **Edit** to change its name or value.
  - Click an existing variable, and then click **Delete** to remove it.

%userprofile% - Current user. Located in Documents and Settings.

%ProgramFiles% - Program Files. Example: C:\Program Files

%windir% - WINDOWS folder.

%rootdir% - Default drive. Example: C:\

%appdata% - Example: C:\Documents and Settings\\Application Data

Non-English versions of Microsoft Windows:

Instead of using %appdata%, you would use %LocalAppData% or %CommonAppData%.

| - means you want to clean something in that folder.

\*.\* - means delete every file in that folder.

|RECURSE - will delete subfolders and everything with them. Must be followed after \*.\*.

Example: %ProgramFiles%\Yahoo!\Messenger\Profiles|\*.\*|RECURSE

|REMOVESELF - will delete folder and everything in it. Must be followed after \*.\*. Example:

%ProgramFiles%\Yahoo!\Messenger\Profiles|\*.\*|REMOVESELF

\*.extension will clean any file in that folder with that extension. example: \*.log

You can also just clean certain files. Just add the file name and extension, example:

deletelog.txt

RegKey - Located in the registry. Must start with 1 and then count up.

RegKey1=HKCU\Software\Microsoft\Terminal Server Client\Default

HKCU - HKEY\_CURRENT\_USER

HKLM - HKEY\_LOCAL\_MACHINE

HKU - HKEY\_USERS

This will delete anything located in the Default Folder.

Parameters:

| - means you want to clean something in that folder.

Example: Default|RegistryFile

## **VBScripting**

VBScript support will allow you to add entries to ini files.

ScriptKey1=

It is recommended to have the scripts in the CCleaner folder.

Example: ScriptKey1=test.vbs will target the vbs file in the CCleaner directory.

If you want scripts in other folders other than the CCleaner directory, you will have to list the full path.

## **PARAMETERS will not work in ScriptKey!**

### **winapp2.ini Entries**

There is a forum thread with lots of entries for winapp2.ini, which was created by users of the forum. It can be found [here](#).

Command-line Parameters

CCleaner only supports a few command-line parameters.

CCleaner Setup has 3 command-line parameters:

**/S** - This will install CCleaner with the default options. You will not get a setup screen!

**/D** - This will change the default install directory of CCleaner. Example: /D=C:\CCleaner

Best used like ccsetupXXX.exe /S /D=C:\CCleaner

**/L=** - This will install CCleaner with the language file you choose.

Example: /L=1033

CCleaner has 3 command-line parameters:

**/AUTO** - Runs the cleaner upon loading and then closes the application.

### **The CCleaner /AUTO parameter can be used in and with:**

- Batch files (.bat).
- Shortcuts/links such as; making one on the desktop named CCleaner (Auto).
- Via the Windows Task Scheduler.
- From within CCleaner itself which will allow it to run at every system startup and/or logon.

**This is the parameter to use in shortcuts, batch files, or in Task Scheduler (including the quotes) (three examples included):**

- "C:\Program Files\Cleaner\ccleaner.exe" /AUTO
- "%ProgramFiles%\Cleaner\ccleaner.exe" /AUTO
- "C:\Progra~1\Cleaner\ccleaner.exe" /AUTO

**To make it run at every system startup do the following:**

1. Run CCleaner.
2. Click Options->Settings, then tick:  
Run CCleaner when the computer starts
3. Done, you can now close CCleaner.  
Note: This will only clean the User Profile it was enabled on.

**To automatically clean All User Profiles on Windows XP (when each individual user logs onto their user profile):**

1. Navigate to:  
C:\Documents and Settings\All Users\Start Menu\Programs\Startup
2. Right click and create a New Shortcut and input one of the three example parameters listed above.

**/DEBUG** - Runs the program in debug mode, only recommended for advanced users.

**/SHUTDOWN** - This will shutdown your PC after cleaning. Must be used with **/AUTO**.

The command-line parameters can be useful if you don't want to hit the Close/Exit every time, or if you are having a problem, and need to find out what is crashing CCleaner.

To do this, Right Click on the CCleaner shortcut, and then click on Properties. In Target, you should see something like this: "**C:\Program Files\Cleaner\ccleaner.exe**". Just add the command-line parameter at the end, it should look something like this:

**"C:\Program Files\Cleaner\ccleaner.exe" /AUTO /SHUTDOWN**

INI-Registry Settings

This can be useful for the more advanced users.

Registry Path: HKEY\_CURRENT\_USER\Software\VB and VBA Program Settings\Cleaner\Options

INI Path: Cleaner Directory\ccleaner.ini

**(App)Program Name** - The program, Cleaner will clean.

True - Checked when you start Cleaner.

False - Unchecked when you start Cleaner.

These entries are safe to delete, as CCleaner will rebuild them once you Exit CCleaner.

**AutoClose** - Close program after cleaning.

0 - Disabled

1 - Enabled

**BackupDir** - Default path for Issues backup.

Enter path

**BackupPrompt** - Will prompt you, if you would like to backup the Issues that are about to be removed.

0 - Disabled

1 - Enabled

**CookiesToSave** - Will list the cookie names you have saved.

**CustomFiles** - Will list the folders you have in Custom Files.

**CustomFolders** - Will list the folders you have in Custom Folders.

**DelayTemp** - Only delete files in Windows Temp folders older than 48 hours.

0 - Disabled

1 - Enabled

**HideWarnings** - Hide warning messages.

0 - Disabled

1 - Enabled

**IEDetailed** - Show detailed log of Internet Explorer temporary files.

0 - Disabled

1 - Enabled

**FFDetailed** - Show detailed log of Firefox/Mozilla temporary files.

0 - Disabled

1 - Enabled

**Language** - The language file installed with CCleaner.

**MinimizeSystemTray** - Minimize CCleaner to System Tray.

0- Disabled

1- Enabled

**MSG\_CONFIRMCLEAN** - Shows a warning message when you want to Run Cleaner.

True - Checked when you start CCleaner.

False - Unchecked when you start CCleaner.

**MSG\_WARNMOZCACHE** - Shows a warning message when you check Saved Information in Mozilla Firefox

True - Checked when you run Cleaner.

False - Unchecked when you run Cleaner.

**UpdateCheck** - Will automatically check for updates (every 10 mins or at CCleaner startup).

0 - Disabled

1 - Enabled

**SecureDeleteType** - Secure Delete

0 - Disabled

1 - Enabled

**SecureDeleteMethod** - Method of Secure Delete

0 - Simple Overwrite (1 pass)

1 - DOD 5220.22-M (3 passes)

2 - NSA (7 passes)

3 - Gutmann (35 passes)

**UPDATEKEY** - The last time CCleaner checked for an update.

Date and Time

WINDOW\_HEIGHT, WINDOW\_LEFT, WINDOW\_MAX, WINDOW\_TOP, WINDOW\_WIDTH - Window positions of CCleaner.

Help



### **Frequently Asked Questions (FAQ)**

View the questions users most frequently ask about CCleaner.

We recommend you read this before looking in the other sections for help.



### **Discussion Forum**

Check out our discussion forum and see what CCleaner users are talking about. Find out tips on cleaning your system and registry. Feel free to join in a discussion and post your own messages. Most of us are friendly. ;)

## **The same items keep immediately re-appearing in subsequent Issues scans after attempting to remove them**

- Run the Repair Permissions tool in [Dial-a-fix](#). This will fix it 90% of the time. If you are unable to run this tool, try it in "Safe mode with command prompt".
- Once you extract it, double click on Dial-a-fix.exe, click Tools, click Repair Permissions, and click GO. After the permissions repair completes, run a new issues scan in CCleaner

-- do not remove the objects found by the scan that was performed before the permissions repair tool was run.

- If CCleaner finds its own COM objects, such as CCListView, CCListBar, CCTab, etc, then the same answer also applies.

### **Restoring an Issue Backup will not work (Windows XP Only)**

- Your file association for registry files has become corrupted.
- Goto [Doug's Windows XP File Association Fixes](#) and download REG File Association Fix (Restore default associations for REG files).
- Unzip xp\_regfile.zip, then go to Start > Run > Regedit
- In the Registry Editor, go to File > Import . Browse to the regfile in question, highlight it, and hit 'Open'.
- Builds
- There are 3 different versions of CCleaner you can download, which can be found here:
- <http://www.ccleaner.com/download/builds>
- **Standard, Portable, Slim**
- **Standard**
- The standard version contains all languages and the Yahoo! Toolbar Companion.
- ***Note: You do not have to install the Yahoo! Toolbar Companion, simply uncheck the Add CCleaner Yahoo! Toolbar and use CCleaner from your browser***
- **Portable**
- The portable version contains no installer, no Yahoo! Toolbar Companion, and only in English. It is used for USB thumb drives or any portable media device.
- CCleaner can be made portable or you can download the portable version.
- The CCleaner Portable version comes with a file named "portable.dat" which forces CCleaner to save to INI settings.
- If you already have CCleaner and want to make a portable version, just copy these files to a portable media device:
- ccleaner.exe  
ccleaner.ini  
history.txt  
winapp.ini
- Also, if you are using winapp2.ini you will need to copy that as well.
- It is **recommended** that you download the portable version if you do want a portable version of CCleaner. It is small in size and does not require an install.
- **Slim**
- The slim version contains no Yahoo! Toolbar Companion and is only in English. This is widely used by system admins and advanced users.