



CHAOS Master™

By Prosoft Engineering, Inc.

Published by Casady & Greene, Inc.

Copyright © 2001, Casady & Greene Inc.

This manual and the Chaos Master™ software are copyrighted by Casady & Greene, Inc. None of the software may be copied or modified, in whole or in part, for distribution to or use by others. Information in this document is subject to change without notice. Companies, names, and data used in examples herein are fictitious unless otherwise noted.

Please Do Not Make Illegal Copies Of This Software

The software you are using was produced through the blood, sweat, and tears of many people: programmers, writers, editors, project managers, artists, distributors, retailers, and other dedicated workers. The costs of developing this and other software programs are recovered through software sales. The unauthorized duplication of software raises the cost for all legitimate users.

This software is protected by federal copyright law. Your cooperation in upholding the law will insure continued low-cost upgrades and new software. Copying software for any reason other than to make a backup is a violation of federal laws. Individuals who make illegal copies of software may be subject to civil and criminal penalties.

Please report all copyright violations to:

Software Publishers Association, 1101 Connecticut Ave., NW, Suite 901, Washington, DC 20036

Limited Warranty

PLEASE READ THIS LICENSE CAREFULLY BEFORE USING THE SOFTWARE. BY USING THE SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS LICENSE. IF YOU DO NOT AGREE TO THE TERMS OF THIS LICENSE, PROMPTLY RETURN THE UNUSED SOFTWARE TO THE PLACE WHERE YOU OBTAINED IT AND YOUR MONEY WILL BE REFUNDED.

1. License. The application, demonstration, system, and other software accompanying this License, whether on disk, in read-only memory, or on any other media (the "Software"), and the related documentation and fonts are licensed to you by Casady & Greene. You own the disk on which the Software and fonts are recorded but Casady & Greene and/or Casady & Greene's Licensors retain title to the Software, related documentation and fonts. This License allows you to use the software and fonts on a single Apple computer and make one copy of the Software and fonts in machine-readable form for backup purposes only. You must reproduce on such copy the Casady & Greene copyright notice and any other proprietary legends that were on the original copy of the software and fonts. You may also transfer all your license rights in the software and fonts, the backup copy of the software and fonts, the related documentation, and a copy of this License to another party, provided the other party reads and agrees to accept the terms and conditions of this License.

2. Restrictions. The Software contains copyrighted material, trade secrets, and other proprietary material. In order to protect them, and except as permitted by applicable legislation, you may not decompile, reverse engineer, disassemble, or otherwise reduce the Software to a human-perceivable form. You may not modify, network, rent, lease, loan, distribute, or create derivative works based upon the software in whole or in part. You may not electronically transmit the software from one computer to another or over a network.

3. Termination. This License is effective until terminated. You may terminate this License at any time by destroying the Software, related documentation and fonts, and all copies thereof. This License will terminate immediately, without notice from Casady & Greene, if you fail to comply with any provision of this License. Upon termination, you must destroy the Software, related documentation and fonts, and all copies thereof.

4. Export Law Assurance. You agree and certify that neither the Software nor any other technical data received from Casady & Greene, nor the direct product thereof, will be exported outside the United States except as authorized and as permitted by the laws and regulations of the United States. If the Software has been rightfully obtained by you outside of the United States, you agree that you will not re-export the Software nor any other technical data received from Casady & Greene, nor the direct product thereof, except as permitted by the laws and regulations of the United States and the laws and regulations of the jurisdiction in which you obtained the Software.

5. Government End Users. If you are acquiring the software and fonts on behalf of any unit or agency of the United States Government, the following provisions apply. The Government agrees:

(i) if the Software and fonts are supplied to the Department of Defense (DoD), the Software and fonts are classified as "Commercial Computer Software" and the government is acquiring only "restricted rights" in the Software and its documentation and fonts, as that term is defined in clause 252.227-7013(c)(1) of the DFARS; and

(ii) if the Software and fonts are supplied to any unit or agency of the United States Government other than DoD, the government's rights in the Software and its documentation and fonts will be as defined in Clause 52.227-19(c)(2) of the FAR or, in the case of NASA, in Clause 18-52.227-86(d) of the NASA Supplement to the FAR.

6. Limited Warranty On Media. Casady & Greene warrants the diskettes and/or compact disc on which the Software and fonts are recorded to be free from defects in materials and workmanship under normal use for a period of ninety (90) days from the date of purchase as evidenced by a copy of the receipt. Casady & Greene's entire liability and your exclusive remedy will be replacement of the diskettes and/or compact disc not meeting Casady & Greene's limited warranty and which is returned to Casady & Greene or a Casady & Greene authorized representative with a copy of the receipt. Casady & Greene will have no responsibility to replace a disk/disc damaged by accident, abuse or misapplication. ANY IMPLIED WARRANTIES ON THE DISKETTES AND/OR COMPACT DISCS, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO NINETY (90) DAYS FROM THE DATE OF DELIVERY. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY BY JURISDICTION.

7. Disclaimer of Warranty on Apple Software. You expressly acknowledge and agree that use of the Software and fonts is at your sole risk. The Software, related documentation and fonts are provided "AS IS" and without warranty of any kind and Casady & Greene and Casady & Greene's Licensor(s) (for the purposes of provision 7 and 8, Casady & Greene and Casady & Greene's Licensor[s]) shall be collectively referred to as "Casady & Greene") EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. CASADY & GREENE DOES NOT WARRANT THAT THE FUNCTIONS CONTAINED IN THE SOFTWARE WILL MEET YOUR REQUIREMENTS, OR THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE SOFTWARE AND THE FONTS WILL BE CORRECTED. FURTHERMORE, CASADY & GREENE DOES NOT WARRANT OR MAKE ANY REPRESENTATIONS REGARDING THE USE OR THE RESULTS OF THE USE OF THE SOFTWARE AND FONTS OR RELATED DOCUMENTATION IN TERMS OF THEIR CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY CASADY & GREENE OR A CASADY & GREENE AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY. SHOULD THE SOFTWARE PROVE DEFECTIVE, YOU (AND NOT CASADY & GREENE OR A CASADY & GREENE AUTHORIZED REPRESENTATIVE) ASSUME THE ENTIRE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

8. Limitation of Liability. UNDER NO CIRCUMSTANCES INCLUDING NEGLIGENCE, SHALL CASADY & GREENE BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES THAT RESULT FROM THE USE OR INABILITY TO USE THE SOFTWARE OR ALTERED DOCUMENTATION, EVEN IF CASADY & GREENE OR A CASADY & GREENE AUTHORIZED REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

In no event shall Casady & Greene's total liability to you for all damages, losses, and causes of action (whether in contract, tort [including negligence] or otherwise) exceed the amount paid by you for the Software, related documentation, and fonts.

9. Controlling Law and Severability. This License shall be governed by and construed in accordance with the laws of the United States and the State of California, as applied to agreements entered into and to be performed entirely within California between California residents. If for any reason a court of competent jurisdiction finds any provision of the License, or portion thereof, to be unenforceable, that provision of the License shall be enforced to the maximum extent permissible so as to effect the intent of the parties, and the remainder of the License shall continue in full force and effect.

10. Complete Agreement. This License constitutes the entire agreement between the parties with respect to the use of the Software, the related documentation and fonts, and supersedes all prior or contemporaneous understandings or agreements, written or oral, regarding such subject matter. No amendment to or modification of the License will be binding unless in writing and signed by a duly authorized representative of Casady & Greene.

Trademarks

Apple, AppleShare, Apple Remote Access, and Macintosh are registered trademarks, and Balloon Help, Macintosh Drag and Drop, System 6, System 7, System 7.5, System 7.6, System 8.0, System 8.1, and Mac OS 9 are trademarks of Apple Computer, Inc. The names of other products and companies appear herein for identification purposes only and are trademarks and registered trademarks of their respective holders.

CONTENTS

CHAPTER 1—OVERVIEW	1
What is Chaos Master?	1
About This User Guide	2
System Requirements	3
CHAPTER 2—INSTALLING CHAOS MASTER	5
Installation Steps	5
What Gets Installed Where	5
Checking For Updates	6
Uninstalling Chaos Master	6
CHAPTER 3—THE MAIN WINDOW	7
Volume/Folder Selection	7
Function Tabs	7
CHAPTER 4—WIZARD TAB	9
Rebuilding the Desktop	9
The Wizard Process	10
CHAPTER 5—VERSIONS TAB	13
CHAPTER 6—UNINSTALL TAB	17
But can't I uninstall from the installer that came with my application?	17
Uninstall Steps	18

CHAPTER 7—ADVANCED TAB.....21

Remap Files	21
Orphaned Text Files	22
Clean Up Preferences Folder.....	22
Orphaned aliases	23
Find Files	24
Damaged Files	24
Help Files	25
Compressed files.....	25
Duplicate Files	25
Empty Files or Folders.....	26
Duplicate Applications	26
Cache Files	26
Slim Fat applications.....	27

CHAPTER 8—THE RESULTS WINDOW.....29

Button Actions	30
It's a Document, too!	31

CHAPTER 9—OTHER PROGRAM FEATURES.....33

Preferences Dialog	33
Rebuild Desktop Files	33

CHAPTER 10—TROUBLESHOOTING35

CHAPTER 11—GLOSSARY.....37

GETTING IN TOUCH WITH CASADY & GREENE.....39

INDEX41

MORE SOFTWARE TITLES FROM CASADY & GREENE.....43

CHAPTER 1—OVERVIEW

Congratulations on your purchase of Chaos Master!
Your computer will be better off before you know it.

Chaos Master is an easy-to-use program and is, as far as we're concerned, self-explanatory. But this program delves deeply into the world of files and their inter-relations, so there may very well be elements of Chaos Master that aren't so easy to understand for the novice. In addition, understand that Chaos Master is a utility to help you clean up your computer's hard disk. Clean up, in Chaos Master's case, often implies throwing stuff away (i.e. deleting files). It's always good to know what you're throwing away, and this manual endeavors to help explain such things.

WHAT IS CHAOS MASTER?

Chaos Master is actually a collection of utilities that will help you manage the files on your hard disk. It will help you clean out old, duplicate, or damaged files, update applications to the latest versions with help from VersionTracker.com, uninstall unwanted applications and related files, and much more.

The process for almost all of these activities is consistent if you look just below the surface. Chaos Master finds a set of files that match a particular requirement, displays them to the user, and allows the user to perform various functions on those files. The interface is divided into four tabbed panes; each pane presents a different logical set of utility functions:

- The Wizard tab is the quick and easy way for a Chaos Master user to run through Chaos Master's top searches for clutter on your hard disk.
- The Versions tab makes use of VersionTracker.com's internet web site to help show you all of the applications and/or control panels on your hard disk that are out-of-date.
- The Uninstall tab helps you uninstall old or unwanted applications and all the files that are associated with that application.
- The Advanced tab provides over a dozen individual utilities to help you manage the files on your computer's hard disk. Many but not all of the tasks in the advanced pane are performed automatically as part of the Wizard tab.

ABOUT THIS USER GUIDE

ORGANIZATION OF THE USER GUIDE

The user guide contains both instructions on how to use Chaos Master and background information on the concepts one needs to know about files and related concepts. It is a “how to” user guide, so the background is given in pieces where it is needed. If you are trying to look up a concept, use the glossary and the index.

The chapters are divided into the following sections:

- **Introduction/Overview: Chapter 1**
What you are reading right now
- **How To Install Chaos Master: Chapter 2**
- **How To Use Chaos Master: Chapters 3-8**
Instructions on a panel-by-panel basis
- **The Results Window: Chapter 9**
Details on the operations that can be performed in any of the results windows
- **Troubleshooting: Chapter 10**
Known issues and concerns to be aware of
- **Glossary and Index: Appendix A-B**
A dictionary of common Chaos Master terms and an index to find items of interest in the rest of the user guide

CONVENTIONS

An important convention to note at this point is that all words that can be found in the glossary appear in *italic*.

USER LEVEL

This user guide assumes that the reader is familiar with the Macintosh computer including how to use the mouse, select menu items, and so on. If you are not familiar with how to perform basic functions like these on a Macintosh, please read the documentation that came with your computer.

SYSTEM REQUIREMENTS

HARDWARE

Chaos Master requires a Macintosh with a PowerPC processor (601, 603, 604, G3, or G4) to run. This includes all computers developed in the last five years from the 6100, 7100, and 8100 to the iMac, G3, G4, iBook, and PowerBooks.

SOFTWARE

To make the most of the features available from Chaos Master, we strongly encourage you to update your system software to Apple's most recent offerings: Mac OS 8.6 or Mac OS 9.1. Chaos Master will work, though, with MacOS 8.1 and above.

CHAPTER 2—INSTALLING CHAOS MASTER

Chaos Master is easily installed using the Chaos Master Installer. The Chaos Master Installer is a web-enabled installer. If your Macintosh is connected to the Internet, when prompted to do so, click the “Update” button to make sure you are installing the absolute latest version of Chaos Master available.

INSTALLATION STEPS

1. To install the Chaos Master:
2. Copy the Chaos Master Installer to the local hard disk. If Chaos Master was purchased online, it should already be on your computer. If you are installing Chaos Master from a Chaos Master CD, copy it from the CD to your hard disk.
3. Double-click on the Chaos Master Installer application and follow the onscreen instructions
4. Choose the “Easy Install” option, unless you would like to customize what gets installed. The “Easy Install” option installs the application, user guide, and release notes and other necessary files for almost all Macintosh configurations.
5. If you would like to check for updates on the web and the computer is connected to the Internet, you may immediately do so.
6. Restart the computer if prompted to do so.

WHAT GETS INSTALLED WHERE

The Chaos Master Installer application installs the following items:

CHAOS MASTER FOLDER:

The Installer creates a Chaos Master Folder and places the Chaos Master application, release notes, user guide, and a Chaos Master Updater application in that folder.

EXTENSIONS FOLDER:

The only Extension Chaos Master might install is a newer version of the Internet Config Extension. This library comes with all of the latest versions of the MacOS; Chaos Master requires it to run and will thus install it if necessary.

CHECKING FOR UPDATES

To check for updates to Chaos Master, run the Updater that is placed in the Chaos Master folder and tell it to (re)install Chaos Master. When it asks whether you want to check for updates, click on the button saying you want to. If any files have been changed, it will replace them. The Updater only runs if Chaos Master has been installed and is in the same folder as the Updater application.

UNINSTALLING CHAOS MASTER

If at any time Chaos Master or any of its parts needs to be uninstalled, use the Installer to uninstall the application. This is the recommended method to uninstall Chaos Master as it completely uninstalls the product.

CHAPTER 3—THE MAIN WINDOW

All of Chaos Master's functionality is confined to the main Chaos Master window. This window appears when Chaos Master is first launched and remains as long as Chaos Master is running.

The Main Window is the source from which all tasks are “spawned.” You can perform multiple operations at the same time by starting one task and then going back to the main window to start another one.

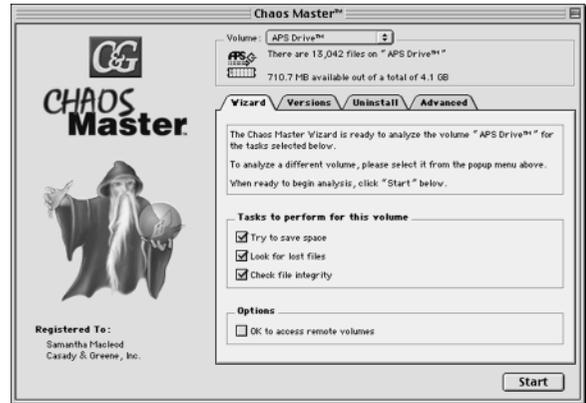


Figure 3-1: Chaos Master Main Window.

VOLUME/FOLDER SELECTION

At the top of the Main Window is a selection popup menu. Chaos Master can operate on a single volume at a time, on all local volumes, or on a specific folder. Use the popup menu to select the item to operate on. Some information about the selected volume(s)/folder and its icon appear below the popup menu. Note: the “All Volumes” menu item will only appear if you have more than one volume to select.

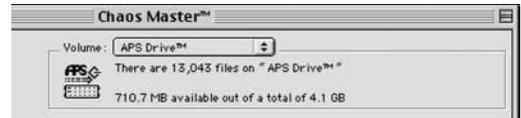


Figure 3-2: Volume Selection Popup Menu and Volume Information.

FUNCTION TABS

Chaos Master's functionality is divided into four main tabs: Wizard, Versions, Uninstall, and Advanced. To perform an operation in Chaos Master, first click on the tab for the function you want to perform. Then, make sure the options on that pane are correct. Finally, click the “Start” button on the main window to start your task.

Each of the four tabs is explained in detail in the following chapters.

CHAPTER 4—WIZARD TAB

The Wizard tab is the first place for most new users of Chaos Master to start. It walks the user through most of Chaos Master's functions for improving hard disk utilization.

To use the Wizard, first select the operations you would like performed:

- “Try to save space” looks for duplicate files and applications that may be wasting space on your hard disk
- “Look for lost files” looks for files that don't have their “owner” any more (orphaned aliases, text files, and preference files)
- “Check file integrity” does a basic integrity check on each file

By default, it's recommended that you perform all three types of optimizations.

Then, in the Options area, check the box “OK to access remote volumes” if it is ok to access remote volumes during the analysis of your disk. Sometimes files on your disk (e.g. aliases) reference other remote (i.e. network) volumes. With this option on, aliases to remote files and volumes may cause such volumes to be mounted on your Macintosh as part of the test process. This may require you to enter server usernames and passwords (and may cause the computer to freeze up for up to a minute or more trying to access unavailable remote volumes) but provides you with better search results.

By default, it's recommended that you allow Chaos Master to access remote volumes.

Finally, click the “Start” button to begin analysis.



Figure 4-1: Wizard Tab.

REBUILDING THE DESKTOP

The first time you start any task after installing Chaos Master, you are prompted to rebuild the Desktop File (also called the Desktop Database). The Desktop File is a file created by the MacOS and is used to manage the inter-related elements of files. Chaos Master makes extensive use of the Desktop File.

Sometimes the Desktop file gets “out of date.” Although this doesn’t usually have much of a negative effect on your daily computer use, it can affect the results generated by Chaos Master. As such, if you have not rebuilt your desktop in a long time, it is recommend you do so before continuing with Chaos Master.

THE WIZARD PROCESS

Once you start the wizard task, Chaos Master goes through a series of tasks that search for items you might want to clean up on your disk. Between each action, a progress dialog is displayed. Once the action (search) is done, the user is presented with a list of candidate files and a suggested action. For example, here’s the result after the Wizard searches for help files:

In Wizard mode, the user is given the list of files, an explanation of what the files are, and a suggested action (in this case, to delete unwanted help files). You must then evaluate the files listed to determine if you want to delete any of them. If so, select the files to be deleted and click on the “Move to the Trash” button. The items will appear in gray to represent that they are now in the trash. To permanently delete the files, empty the trash from within the Finder.

 *Note: You are strongly encouraged to think carefully before deleting files from your hard disk. Make sure you know the files you have chosen are not necessary. If you are not sure, we recommend you make backup copies of your files before deleting them.*

To go on to the next task at any time, click the “Continue” button.

To cancel the entire Wizard process, click the “Abort” button.

As long as you choose to “Continue”, the wizard will lead you through all the tasks selected in the Wizard tab in the main window.

For more information on each of the tasks that are performed as part of the wizard operation, read the corresponding sections in the chapter on the

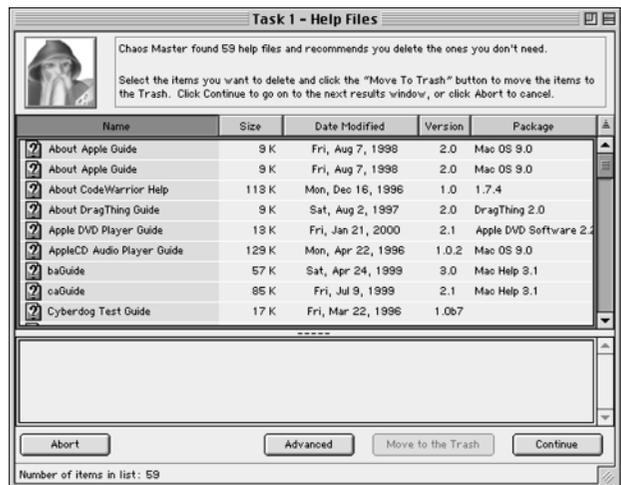


Figure 4-2: Help Files Tab.

Advanced tab. All of the functions that the wizard performs are available from the Wizard tab and are described in detail in that section.

CHAPTER 5—VERSIONS TAB

The Versions tab allows you to check all your applications and control panels to determine if you are running the latest versions of these programs. This is done by creating a list of all the candidate programs and then comparing them to the database created and managed by the folks at VersionTracker.com. (www.version-tracker.com is an Internet web site that provides up-to-date information and reviews on Macintosh applications.)

To check versions, first select whether you want to check applications, control panels, or both, and then choose your options. If you only want to see updates that have been done since a specific date, check the “Only display updates since” checkbox and set the date to the date you want to check. If you have run the version task before, the date in the date control defaults to the day you last checked for updates.

Check the second checkbox if you don’t want to see duplicate applications (if you have more than one copy of an application on your disk) listed more than once.

Finally, click the “Start” button. The resulting window displays all of the candidate items (applications and/or control panels) on your Macintosh. As the window is updating, you will see two progress bars at the bottom. The left one shows Chaos Master’s progress in collecting all the candidate programs; the right one shows Chaos Master’s progress in getting update information from the VersionTracker.com database.



Figure 5-1: Versions tab.

Once both tasks are done, the window will look something like this:

The first four columns describe information about the existing programs on your disk: their name, size, last modification date, and current version. The “Match” column tells you if there was a match in the VersionTracker.com database for that item. Only products tracked by VersionTracker.com will match; if there is no match, the match field will say “N/A” and no update information will be available.

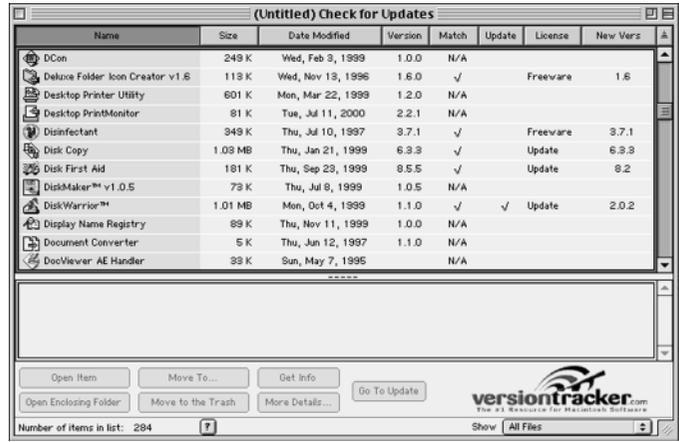


Figure 5-2: Check for Updates results window.

If there is a match and an update is available, the “Update” column has a check mark in it, and the last two columns display information about the update: what type of update it is (License) and the new version number. The “License” column displays one of the following values:

License	Definition
Freeware	The update requires no payment.
Shareware	The update requires the payment of a Shareware fee.
Beta	The update is a beta (pre-release version) of the product.
Update	The update is a commercial update and may or may not require payment of an update fee, depending on the current version you have and the company’s policy.
Commercial	The update is a commercial update that normally requires a payment to download.

To obtain an update (or information on one), select the program you want information on and click the “Go To Update” button (or you can just double-click on the program in the list). Your preferred Internet browser, as specified in the Internet Control Panel, is launched (if necessary) and you are taken to the information page for that application on the VersionTracker.com web site.

The information page includes a description of the product, reviews of the product, and, most importantly, links to other web sites or ftp sites where you can download the update. If the product is free,

clicking on the access link will usually immediately start a download of the product in question. If the product upgrade requires payment, clicking on the link takes you to the company's on-line store or product information pages.

 *Note: Not all of your applications and control panels will necessarily come up with matches in the VersionTracker.com database. This does not necessarily mean the program in question does or does not have an update, nor does it mean that there are no web sites about the product. It just means that there was no match for the product in the database at the time the search was performed. If it is an older product, this may never change. If it is a newer product, check back at a later time, as VersionTracker.com may just not have had time to add it yet.*

CHAPTER 6—UNINSTALL TAB

The Uninstall tab helps you uninstall applications and their related files.

BUT CAN'T I UNINSTALL FROM THE INSTALLER THAT CAME WITH MY APPLICATION?

Given that most applications today come with an installer that supports uninstalling, you might wonder why this would be useful. Well, if an uninstall option is available, using it will usually do a better job of undoing what the installer did than Chaos Master would ever be able to.

But, unless you are uninstalling an application immediately after installing it – without even running it once, the uninstall option probably won't succeed in uninstalling every file associated with a particular application. Preference files, cache files, and document files are the best examples of files created by an application that will usually not be removed by a standard uninstaller. Chaos Master will help you locate and deal with such files, not to mention the fact that Chaos Master will help you uninstall an application and all its related components when an uninstaller is truly not available.



Figure 6-1: Uninstall tab.

UNINSTALL STEPS

First, you need to select the application you want to uninstall. “Click on the Select” button or drag the application you want to uninstall onto the Application area of the Main Window.

Then, if you would like, click on the “Option” button to select some more advanced options.

To explain the options requires a little bit of explanation about files on the Mac. All files have two special codes associated with them: a creator type and a file type. It is the creator type that helps Chaos Master know which files are associated with an application. All files with the same creator type as an application are assumed to be files for that application. The file type is used to specify the type of file associated with that application (e.g. the application itself, the preferences file, or different types of documents the application supports).

The first option, which is on by default, has Chaos Master add to the list of items associated with an application anything in the System Folder that contains the name of the application. This is because applications will sometimes store files in the System Folder that have the application's name in it, but aren't of the right creator type. You'd probably say this is an error on the part of the application writer and you're probably right, but that doesn't help you uninstall those files unless you find them. If you want to add such items to the list of files, check the box.



Figure 6-2: Uninstall Custom Dialog.

The second option allows you to limit the list of files by file type. If you check this option (by default it's off), you must then select the types of files in the list you'd like to search for. The list can be long or short, depending on the application in question. Which files you might want to select would also depend on the application and what you're trying to do. It's recommended that you don't limit the search in this way; rather you choose what you want to do with the files after they have been found and placed in the Result Window.

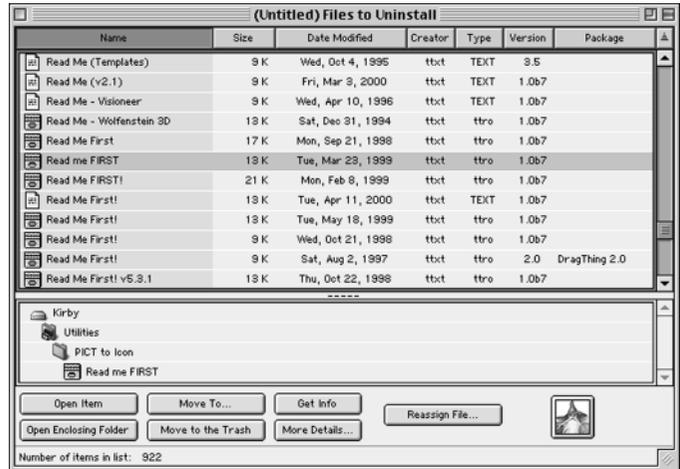


Figure 6-3: Sample Uninstall Results Window.

Finally, click the “Start” button to create a list of candidate files to uninstall.

The Results Window for the uninstall task contains a list of candidate files to uninstall. If you chose the standard options, this list will include the application, the preferences file, associated helper files, and all document files “owned” by that application. To continue, you almost definitely want to select the application, preferences file, and helper files as candidates for deletion. You may or may not want to delete the document files, though. If the documents are only useful with the application and you're uninstalling it, removing the documents wouldn't hurt, because without the application, they may not be useful anyway.

But many file types (e.g. image files or text files) can be opened by numerous applications. If you are, for example, uninstalling the image viewing application JPEGView, you don't necessarily want to delete all your JPEG files. You might even want to reassign those files to another application (e.g. Graphic Converter) you still have.

For a complete description of all the functions you can perform on the selected files, see Chapter 8.

CHAPTER 7—ADVANCED TAB

The Advanced Tab contains over a dozen different tasks you can perform to help clean up your hard disk. Many of the items in the Advanced Tab are performed as part of the Wizard Tab, but not all. Although the Wizard Tab is a good place to start for new or novice users, advanced users will want to direct themselves immediately to the Advanced Tab to perform only the functions they need. Some of the tasks also have additional options that are not available in the Wizard Tab.

As with the other tabs, each task that you can choose to perform in the Advanced Tab is really a search for candidate files. The candidate files are then displayed in a Results Window, and no actual file manipulation is done until you choose to perform actions on files in the results window. The Results Window is described in detail in the next chapter. The rest of this chapter is devoted to a description of each of the tasks that can be performed from the Advanced Tab.

REMAP FILES

The Remap Files task can be used to help reassign files from one application to another application. As noted previously, each file on the Macintosh has a document type and a creator type associated with it. The document type specifies what kind of document the file is; the creator type specifies the application the document belongs to.

You can use the Remap task to change the creator type of a document to another application. Although there are many document types that are usable by a single application (the one that created them: e.g., a saved game file for a favorite game), there are other document types (like text files, resource files, and assorted image files) that are usable by a number of different applications.

Remapping documents allows you to change both their icon appearance and what happens when you double-click on them in the Finder. Remapping them to a new application might change their appearance to that of a document of the new application, and double-clicking on them will open them with the new application.

To remap files, first select the files you would like to remap. You can select files in 3 different ways:

- by dragging a file into the “File type To Remap” section of the options window
- by using the “Select” button to select a file
- by clicking on the “Set” button and typing in the four-character file type code manually. File types are four-letter codes (e.g., resource files are type ‘rsrc’); advanced users that know the four-letter code can already use this option.

You can then choose to limit the search to files with a particular creator. If you would like to do this, check the “Limit To Creator” option and select the creator type in a similar fashion to selecting the file type described above. Dragging a document onto the “File Type To Remap” section will fill in the “Limit to Creator” area based on the document chosen. Uncheck the box if you don’t want applications matching the creator type specified.

Click the OK button to create the list of files.

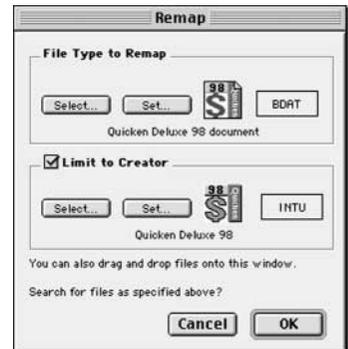


Figure 7-1: Remap Options Dialog.

ORPHANED TEXT FILES

The Orphaned Text Files task is a special case of the Remap task. It searches specifically for text files (files of document type “TEXT”) that have a creator type that doesn’t match any application installed on your Macintosh. Files with such a creator type will, when opened in the Finder, bring up a dialog in the Finder asking you what application you would like to open them with.

To avoid this annoying dialog, remap such orphaned text files to an existing application on your hard disk (e.g., Simple Text or Microsoft Word or BB Edit, depending on what you have).

There is one option for this task: if you would like to also include any applications that are on currently mounted remote volumes (servers), make sure the “OK to access remote volumes” check box is checked. Doing so may make the search slower but will include applications on mounted servers in the search for text file owners.



Figure 7-2: Orphaned Text Files Options Dialog.

CLEAN UP PREFERENCES FOLDER

This task helps identify preference files that have been orphaned. Almost every time you download an application that you may be trying out, even if you only run it once, a preference file is created in the Preferences folder in the System Folder. This task searches for files in the Preferences Folder that have a creator type that doesn’t match any application on your disk.

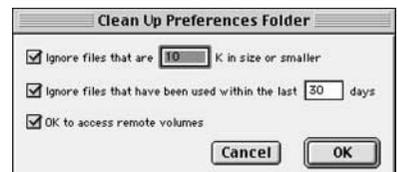


Figure 7-3: Clean Up Prefs Options Dialog.

To be safe, you have a couple of options you can choose that will exclude some preference files, in case they are being used by your system (they just don't have a matching creator code). You may exclude small files, since they don't take up too much hard disk space, and/or files that have been used recently.

You can also choose, as with the orphaned text files task, whether to include applications on mounted servers (remote volumes) when trying to find a creator type to match the files in the Preferences Folder.

ORPHANED ALIASES

Aliases are shortcuts to files that actually exist elsewhere. They are usually created by selecting files in the Finder and using the “Make Alias command”; some aliases are also created by installers to provide shortcuts to the desktop or elsewhere. Aliases are denoted in the Finder with names in italics.

Sometimes you can end up with aliases on your hard disk that don't point to an existing file any more; the file they were referencing has been deleted. Such an alias is said to be “orphaned”. Orphaned aliases can either be deleted (if the file they pointed to is truly gone) or they can be reattached (if the file they point to was moved or reinstalled in such a way that the Finder can no longer determine which file the alias belongs to).

The only option for the Orphaned aliases access is a check box that specifies whether it is OK to access remote volumes. If an alias points to a file on a remote volume (server), this check box must be checked or Chaos Master will think this file is an orphan when it really isn't. It is highly recommended that you perform a search with the box checked. Note: if it is checked, you may have to type your name and password to log in to one or more remote servers.



Figure 7-4: Orphaned aliases: Options Dialog.

 *Note: In the “found files” list there is a command under the File menu that only applies to this task: “Reattach Suggestion...” If selected, the volume is searched for files with the same name, assuming these to be the most logical choices for reattaching the orphaned alias. If any files are found, a second dialog is displayed with the suggestions available in a pop-up menu. The user can select a suggestion from the pop-up menu, and then click OK to reattach the alias to the selected file. There is also a “Show Target Location” button in this window. When clicked, the folder containing the suggested file opens.*

FIND FILES

The last item in the orphaned / lost section of the Advanced Tab is a Find Files task. This does exactly what you would expect; it creates a list of files based on the text you type in.

There are three search types when you want to find files:

- **exact match**—search for files that have exactly the name typed in the Find Files dialog (e.g. search for files with exactly the name “Simple Text”)
- **partial match**—search for files that contain the text typed in the dialog (e.g. if you search for “Simple”, you will find “Simple Text”, “My Simple Document”, etc.)
- **fuzzy match**—use a proprietary algorithm to search for files that are similar to the text searched (e.g. a fuzzy search on “Simple Text” will find “Simple Ape”, “My Text File”, “SimpleText”, “Simple Text”, etc.)



Figure 7-5: Find Files Options Dialog.

DAMAGED FILES

The Damaged Files task searches for files that are just that – damaged. Chaos Master performs some basic integrity checks on both the data and resource forks of all the files on your disk and displays a list of any files that were found to have problems. Once you have found damaged files, Chaos Master cannot repair them. But you can then choose to delete them and, if possible, recover them from backups.

 *Note: the Damaged Files task performs some basic read tests and resource database analysis on the files. It does not check (or repair) problems with the disk's directory structure such as Alsoft's DiskWarrior or Norton Utilities.*

HELP FILES

Many applications these days come with online help files. Although such files are useful when you are learning an application, they often take up a lot of space on your disk and are no longer necessary once you've learned how to use the application. This task helps you search for and then, if desired, delete help files.

When looking for help files, you may choose to search for Apple Guide online help files and/or files that have help (or other text of your choosing) in their name.



Figure 7-6: Help Files Options Dialog.

COMPRESSED FILES

Especially these days, with all of the files that people download from the Internet on a regular basis, it is very easy to fill your hard disk up with multiple versions of downloaded files. Most files that are uploaded to Internet sites are both compressed to speed download time and encoded in some form that travels well over the Internet. Once you've downloaded such a compressed and encoded file, you need to first decode it and then decompress it. If you're not careful, at the end of this process, you'll have three copies of the software on your machine: the encoded version, the compressed version, and the decompressed version.

Use this task to find Internet-related and other encoded and compressed files. The Options Dialog allows you to select from a list of common compression and encoding formats on the Macintosh: BinHex, Stuffit, Compact Pro, MacBinary, and Self-Extracting Archives (.sea files).



Figure 7-7: Compressed files Options Dialog.

It is recommended you search for files of all types and then evaluate which items you no longer need.

DUPLICATE FILES

Whether it's a backup restoration performed incorrectly or the double-download or install of a file or applications, the Duplicate Files task helps you search for files that are identical. A file is assumed to be identical if it has the same name, creation and modification dates, and file size. Chaos Master does not actually perform a byte-for-byte comparison between files, as this would take an incredible amount of time, but the odds of a file not being a duplicate assuming all of the compared criteria are the same are extremely small.

 *Note: the Duplicate Files task compares every file on your hard disk to every other one to check for duplicates and thus takes a lot of time and memory.*

EMPTY FILES OR FOLDERS

Empty files and folders obviously don't really take up much space on your disk, but they can add to clutter and, in sufficient numbers, slow down file access on your machine. Using this task you can choose to search for empty files or empty folders.



Figure 7-8: Empty Files & Folders Options Dialog.

 *Note: although empty files are almost always safe to delete, empty folders are sometimes used as temporary storage locations and such by applications. When deleting empty folders, be conscientious of what you're deleting and where they are located. Be very careful about deleting empty folders (or anything else, for that matter) that reside in the System Folder.*

DUPLICATE APPLICATIONS

Who doesn't have at least 3 copies of Simple Text installed on their machine? Simple Text is a good example of an application that gets installed all the time, and thus extra copies may be wasting space on your disk. This task helps search for duplicate applications. Rather than looking for exact file matches like the Duplicate Files task, this task searches for applications that have the same creator type. Thus you can use this not only to find multiple copies of the same application, but also older versions.

CACHE FILES

A number of applications, most notably Internet browsers, create cache files while they are running. Sometimes these cache files can take up many megabytes of space, and they are not always well managed by the applications that created them. Use this task to help find such files and delete them.

 *Note: finding cache files is a bit of a fine art, as there is no good way to 100% correctly identify such files. Review the cache files that are found carefully before deleting them. Make sure any application that might be associated with such files is not running when performing this task or valuable data might be lost.*

SLIM FAT APPLICATIONS

Many applications today are still compiled for both the old Macintosh 68K processor and the new PowerPC or G3 and G4 processors. Applications that have code for both processors are called “fat” because they have two copies of all the programming code: one for each processor. The task will remove the older 68K processor code from applications that have it.

This task will list all applications that contain two sets of code and then will allow you to “slim the fat” of applications you select. Such a slimming process can leave you with an application that doesn’t perform correctly. Given that, slimming the fat goes through a couple of safety steps.

In the first step, you are asked how you would like to slim the fat – do you want a 68K application or a PPC application. Most likely you want a PPC application, unless you’re using a very old Macintosh. You are also offered the opportunity to duplicate the application before slimming it. This is highly recommended in the unlikely case the slimming process fails. Click “Slim It” to continue.

Once it has been slimmed, a test dialog appears. The “Launch Application” button will test launch the newly slimmed application. After you have tried it and all seems ok, switch back to Chaos Master and click on “Move copy to the Trash” to dispose of the copy that was made for safety. Click “Done” when you’re done.



Figure 7-9: Slim the Fat Options Dialog.



Figure 7-10: Slim the Fat Verification Dialog.

CHAPTER 8—THE RESULTS WINDOW

The Results window displays the results of all tasks performed in Chaos Master. The Wizard Tab has a simplified version of the Results Window, which is described in the chapter on the Wizard Tab. All other tasks create a form of the standard Results Window, although some of the buttons or even some of the columns (in the case of the version tracking results) may change.

The Results Window is really just a list of files. What type of list depends on the task performed, but whatever task was performed, the result is just that – a list of files. This list is displayed at the top of the window.

Below the list is a separator bar and a view of the folder structure where the selected file is located. If no file or multiple files are selected, the folder structure area is empty. The separator bar between the list and folder structure area can be dragged up and down to change the proportional amount of space occupied by each element.

Below the folder structure area is a button bar. Each button represents an action that can be performed on the currently selected files in the list. Buttons are only enabled if items are currently selected and the selected action can be performed on the selected items. Different buttons are available in different list views. A description of all the buttons and their associated actions is below. Menu items are also available for all of the actions.

At the very bottom of the Results Window is a status bar. The status bar contains information about the number of items in the list and also displays progress bars when an operation is in taking place. You will almost always see a progress bar when the Results Window first appears for a new task, as Chaos Master usually displays the Results Window before the list has been fully generated.

You will also see a progress bar every time you bring a Results Window to the foreground after it has been in the background. Since Chaos Master works with files and files are easily changed, any time

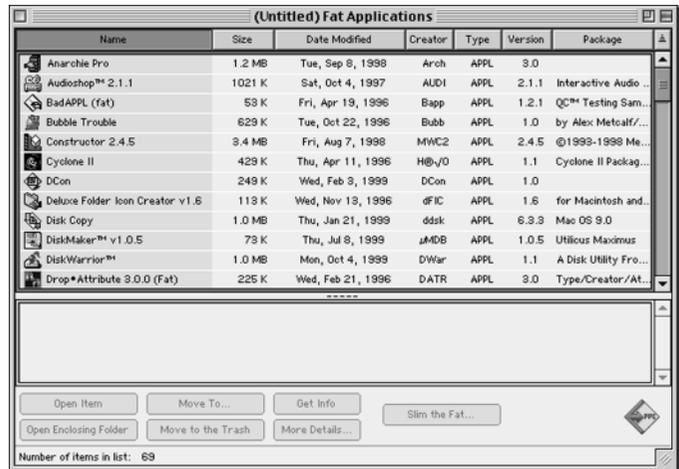


Figure 8-1: Sample Results Window.

Chaos Master is first sent to the background and then returned to be the front-most application, it checks all of the files in the list to make sure they (or their information) has not changed.

BUTTON ACTIONS

The following is a list of the buttons and their associated actions:

- **Open Item**—Opens the selected item(s) as if you double-clicked on it (them) in the Finder.
- **Open Enclosing Folder**—Open the folder(s) in the Finder that contains (encloses) the selected item(s).
- **Move To**—Move the selected item(s) to the directory you specify. This relocates the file; it does not make a copy of it.
- **Move to the Trash**—Move the selected item(s) to the Trash. (To move files from the Trash back to where they came from – if you make a mistake – click on the file in the Trash and select the “Put Away” command in the Finder.)
- **Move Back**—Move the selected item(s) back to where they were before they were moved: Chaos Master (starting with 1.1) remembers the last place an item was before it was moved (using Chaos Master); this function moves it back to that location. Think of this as an undo operation for both “Move To” and “Move to the Trash.”
- **Get Info**—Bring up the Get Info window for each selected item in the Finder.
- **More Details**—Displays a window giving more information for the selected item(s) including Finder flags (e.g., is the item invisible? Does it have a custom icon?) and Finder comments.
- **Slim the Fat**—Remove 68K or PPC code from an application that contains both. This button is only available as part of a “Slim Fat applications” task and is described in more detail in that section in the previous chapter.
- **Reattach Alias**—For aliases only, this button brings up a Navigation Dialog that allows you to specify the target file that an alias should point to. This button is only available as part of the “Orphaned aliases” task.
- **Wizard Button**—Some Results windows have a button on the right side of the button bar. Or, if you are in Wizard mode, the button is in the upper left corner of the window. Clicking on the wizard button will select “suggested” items in the list for removal. In most cases, the Wizard will select all items in the list that are not in the System Folder, as one should be extra careful moving items in the System Folder.

For the Duplicate Applications task, the Wizard will select all but one of the most recent versions of the application on your disk.

For the Duplicate Files task, the Wizard will select all but one of each duplicate file.

IT'S A DOCUMENT, TOO!

As has been alluded to already, the power of the Results Window goes beyond what you might expect. It is not just a transient list that displays the items found as a result of one of Chaos Master's tasks; it is a document in its own right. What that means is that you can save a Results Window to the disk as a file and open it back up later in Chaos Master. Notice that the File Menu has most of the standard document options: Open, Close, Save, and Save As. These can be used as you would expect to open saved files, close open files, and save new files. When you save a Results Window to disk, the Title Bar changes from (Untitled) to include the name of the file you've saved it to on the disk.

WHAT IT CAN DO

A Chaos Master results document can help you keep track of a set of files that you'd like easy access to. Even if the files are moved around, the results document will keep good track of them, as it references each item using an alias. Some ideas of why you might want to do this:

- If you have a list of applications that you really want to make sure are up-to-date, do a check for updates, remove all but the applications you most care about (from the list), and save the resulting document to disk. Open it up any time to see if there are new updates to just those files.
- Use the Find File task to create a list of associated files that you use regularly; use Chaos Master as a shortcut to view the list of files. Don't forget you can open items automatically from within Chaos Master.
- As you're doing a big cleanup, you want to be careful you don't get rid of anything that's too important. So instead of deleting anything, you just move it to a backup server for the time being. You also save the results windows as documents, so you can review the items you've copied to the server in an organized fashion if you ever need to recover something. You can even use the Move Back button to move items back to their original location if you realize that you really need them.

WHAT IT CAN'T DO

The Chaos Master results document does not update itself based on the search criteria that created it. For example, if you did a search for cache files and then saved the resulting document, any new cache files created after the document was saved would not appear in the document the next time it's opened. To do that requires performing a new search from the Chaos Master main window.

CHAPTER 9—OTHER PROGRAM FEATURES

PREFERENCES DIALOG

The Preferences Dialog permits you to configure Chaos Master's behavior in a number of different ways.

The Search Preferences allow you to control certain special types of files you may or may not want to include in Chaos Master tasks: files that are invisible in the Finder and files that are already in the trash.

The System Response slider allows you to control system response vs. Chaos Master task speed. Moving the slider towards higher task speed will increase task performance by using more memory and slowing system response (poorer response to mouse clicks, etc.).

The Ignore Specific Files and Folders option is a way for you, using Finder labels, to prohibit certain files or folders from being included in searches. Turn this feature on using the check box and then select the labels you want to be excluded. Note: turning this feature on will affect search performance.

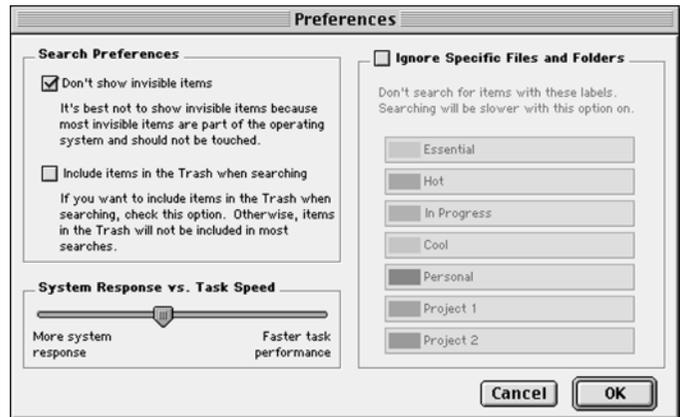


Figure 9-1: Preferences Dialog Box.

REBUILD DESKTOP FILES

The desktop file (often called the desktop database) is a special invisible file stored on every Macintosh volume that helps the Finder keep track of applications, their documents, icons, and such. Sometimes this desktop file can get corrupted or just old and unorganized. Rebuilding the desktop folder will help if such problems exist and, as such problems can affect Chaos Master's searches, will also help Chaos Master perform better.



Figure 9-2: Rebuilding Desktop Files Dialog Box.

This dialog appears once automatically upon installation of a new copy of Chaos Master; you may select this menu item at any time, though, to perform desktop rebuilds at your discretion.

CHAPTER 10—TROUBLESHOOTING

MY MAC DOESN'T BOOT ANY MORE! MY APPLICATION DOESN'T WORK ANY MORE! MY BUSINESS PLAN IS GONE!

Chaos Master is not perfect. It may not always recommend the best files for sending to the Trash. Always use caution when sending files to the Trash, especially if the files are from the System Folder.

To be safe, never delete items without testing your Macintosh's functionality first. Rather than use the "Move to the Trash" action for items you would like to dispose of, use the "Move To" action and move all the items to a Zip disk or remote server. Reboot your machine and test everything you think might be affected by the removed files. Make sure the volume you copied the files to is not mounted (if it's a Zip disk, eject it) to make sure those files aren't found in their new location. If everything works well during the tests, consider deleting the files for good.

RUNNING OUT OF MEMORY

Some tasks (most notably the Duplicate Files task) require more RAM than what is allocated to Chaos Master, especially if you have multiple volumes and/or a large quantity of files. If you get an "Out Of Memory" message from Chaos Master, allocate more RAM using the following method:

1. Quit Chaos Master.
2. Click once on the Chaos Master icon, and select "Get Info" from the Finder's File menu. A small window appears.
3. If necessary, select Memory from the "Show" pop-up menu.
4. In the "Preferred Size" edit box, enter a number larger than the existing number. A recommended increase is 50%. For example, if the Preferred Size is 4000, change the number to 6000.
5. Close the window, and start Chaos Master.

SLOW PERFORMANCE

To speed up the searching and processing of files, select Preferences from the Chaos Master Edit menu. At the bottom of the window, where it says "System Response vs. Task Speed," slide the slider to the right for faster performance.

Also, although you can perform multiple tasks at the same time, doing so will slow down the speed at which each task is performed.

If you check the box “OK to access remote volumes” this will usually give better results, however, it can also slow down a search if you use a lot of remote volumes.

CHAPTER 11—GLOSSARY

File type—Associated with every file on a Macintosh is a four letter code that specifies the type of file it is (e.g. 'TEXT' denotes a text file, 'APPL' denotes an application). On many other operating systems, the file type is part of the name; it is usually a 3 letter code following a period (e.g. myfile.txt or letter.doc). On the Mac, this code is hidden from the user but serves the same purpose: to identify the kind of file. It uses the file type, along with the Creator type (see below) to determine the icon to display for a given file.

Creator type—Associated with every file on a Macintosh is a four letter code that specifies the file's creator. The creator is typically the application that created the file to begin with. This code is hidden from the user, but is used by the file system in a number of ways. For one, along with the File type, it helps determine the icon to display for that file. In addition, when you double click on a document, it is the application that has the same creator code as the document that will be launched to open that document.

Fat application—Way, way, back, many centuries ago not long after the Macintosh began (actually just over 5 years), Macs were made using the Motorola 68000 line of CPUs (68000, 68020, 68030, and 68040). Since then, Macs have been made using the PowerPC line of processors (601, 603, 604, G3, G4), also from Motorola. Applications compiled to run on the 68K (as they're called) line of processors do not run by default on the PowerPC processors, and vice-versa. To avoid compatibility problems, Apple created an emulator for the PowerPC processors that allowed them to emulate a 68K processor and thus support applications developed for the 68K line. Alas, emulation means more work, so applications that run in "emulation mode" are slower than "PowerPC native" applications. To give old users (people with 68K Macs) and new users the best of both worlds, application developers have and still do provide "Fat applications" – fat because they contain both sets of code. This is good for speed but bad for hard disk space: a fat application is often over 50% larger than one that has only one version of the code.

Alias—An alias is a reference to a file. When organizing your disk, you may have a very important file or application that you want to get at on a very regular basis, and thus want to have it easily accessible – say on the desktop. At the same time, that file may "belong" inside, say, your Documents folder for a particular project. You don't want two copies of the file on your disk: for one, they take up more space. And secondly, the two might get out of sync. The way around this problem is the alias – the alias is a really small file that just points to the original. So, it takes up almost no space and yet can be put in a different folder organizationally for easy access. Opening the alias will, in reality, open the original file, wherever it is. You can also have aliases of folders and even whole volumes, whether they're local (attached to your computer) or across the network.

Orphaned alias—An orphaned alias is an alias (see above) that has lost track of the file it originally pointed to. The most common reason this happens is because the file it pointed to was deleted, but sometimes the file just gets lost. Apple's aliases do a pretty good job, actually, of staying linked, even when you move the original file around. Rarely, though, Apple's system will fail and you will have to "reattach" the alias by telling the MacOS where the original file now resides.

Orphaned file—An orphaned file is a file with a creator type (see above) that does not match any of the applications currently available to your machine. A file can be an alias if it was created by an application you no longer have on your machine or if it was given to you from elsewhere, and was created with an application you do not have. Orphaned files can still be used because many types of documents can be read by multiple applications, so as long as you have an application that can read it, you can look at it. Double-clicking on an orphaned file will cause the MacOS to ask you for suggestions about which application to use to view the document since the Mac doesn't know the document's preference.

Compressed file—A compressed file (e.g. a StuffIt file or a self-extracting archive) is a file that has been literally compressed - encoded in a way to save space. Files are usually compressed either for archival purposes or to transfer files over the internet, as smaller files will transfer more quickly than bigger ones. Encoded files (e.g. a MacBinary, uu-encoded, or BinHex file) are files that have been encoded to travel over the internet more easily (there are certain rules about what type of data will travel best). Encoded files usually take up a little more space than their unencoded version. Often files are first compressed and then encoded for travel over the Internet.

Remote volume—A remote volume is a volume that is not directly connected to your computer. Typically a remote volume is a file server. If your Macintosh is not connected to a computer network (e.g. at your company), you probably don't have access to any remote volumes.

Remap—Remapping is the process by which you assign a file from one application to another. This is done by setting the file's creator type (see above) from the old application to the new one. The net result of this is that the icon displayed for the file will now be associated with the new application, and the new application that will be launched when you double-click on the file.

GETTING IN TOUCH WITH CASADY & GREENE

HAVE YOUR TECHNICAL INFORMATION READY

If you need to get in touch with our tech-support staff, please be ready to give us the following information:

1. Your Chaos Master version and serial number.
2. A description of your system configuration, including...
 - System manufacturer and model.
 - Any additional hardware that might be pertinent.
 - Operating system software and version.
3. What programs you are using Chaos Master with, their version numbers, and any applications running in the background.
4. A detailed description of your problem, including where and when it happens.

We'll probably be able to give you the most help if you're sitting in front of your computer and can take some time to work with us in solving your problem.

TECHNICAL SUPPORT CONTACTS

Technical support is available any time via the Internet.

On-line Support:

Message Board www.casadyg.com/support/msgboard/
 FAQ www.casadyg.com/support/faq/
 World Wide Web www.casadyg.com

Internet E-Mail:

Sales and Upgrades sales@casadyg.com
 Publishing Ideas publishing@casadyg.com
 Suggestions chaosmaster@casadyg.com
 Web Site Comments and Suggestions webmaster@casadyg.com

We are also available by phone Monday–Friday from 8:30am–4:30pm PST.

Casady & Greene Live Technical Support 831-484-9228
 Casady & Greene 24-hour FAX 831-484-9218

Or you can write us at:

Casady & Greene, Inc., 22734 Portola Drive, Salinas, CA 93908.

-
- A**
-
- advanced tab 21
 - alias 37
 - orphaned 38
 - reattach 30
- B**
-
- button actions 30
- C**
-
- cache files 26
 - Chaos Master
 - what is it? 1
 - Chaos Master folder 5
 - clean up preferences folder 22
 - compressed file 38
 - compressed files 25
 - conventions 2
 - creator type 37
- D**
-
- damaged files 24
 - desktop files
 - rebuilding 33
 - duplicate applications 26
 - duplicate files 25
- E**
-
- empty files or folders 26
 - exact match 24
 - extensions folder 5
- F**
-
- faq support 39
 - fat application 37
 - file type 37
- files**
- compressed 25
 - damaged 24
 - duplicate 25
 - empty 26
 - find 24
 - help 25
 - find files 24
 - folders
 - empty 26
 - fuzzy match 24
- G**
-
- glossary 37
- H**
-
- hardware 3
 - help files 25
- I**
-
- installation 5
 - what gets installed where 5
 - internet e-mail support 39
- M**
-
- main window 7
 - function tabs 7
 - volume or folder selection 7
 - message board support 39
- O**
-
- on-line support 39
 - orphaned
 - alias 38
 - aliases 23
 - file 38
 - text files 22
 - orphaned file 38
 - overview 1
- P**
-
- partial match 24
 - preferences dialog 33
- R**
-
- reattach alias 30
 - rebuild desktop files 33
 - rebuilding the desktop 9
 - remap 38
 - remap files 21
 - remote volume 38
 - results window 29
 - document 31
 - what it can do 31
 - what it can't do 31
- S**
-
- slim fat applications 27
 - slim the fat 30
 - software 3
 - system requirements 3
- T**
-
- technical support 39
 - troubleshooting 35
 - booting issues 35
 - running out of memory 35
 - slow performance 35
- U**
-
- uninstall tab 17
 - uninstalling 6, 18
 - updates
 - checking for 6
 - user guide 2
 - user level 2

V

versions tab 13

W

wizard button 30

wizard process 10

wizard tab 9

MORE SOFTWARE TITLES FROM CASADY & GREENE



CONFLICT CATCHER™ 8

Stop crashes and freezes. Isolate the file which is responsible for a problem you are experiencing. Manage your files and extensions. Conflict Catcher's main window includes all the information about your files you'll ever need. Smoothly upgrade to upcoming Macintosh operating systems. Merge your previous system folder into a clean system folder—saving hours or even days of laborious work.

MAC Requirements: Mac OS 7.5–9.x. Power Mac native. CD-ROM drive. Does not work on Macintosh Plus, SE series, Classic series, or Powerbook 100. The Clean-Install System Merge feature is optimized for the U.S. operating system.



INFOGENIE™ 2

This multi-use database allows you to store and retrieve information quickly and easily. InfoGenie saves the URL, title, and text of any web page automatically into a datafile. With a click, launch that saved page any time you need it. Search on single or multiple word strings. Import/Export to a wide variety of file formats, including tab-delimited and e-mail text files!

MAC Requirements: System 7.0 or later, including Mac OS 8–9.x. 2MB free RAM, 1.3MB disk space. Power Mac Native.



GRAMMARIAN™ 2

Good grammar is good communication! Grammarian checks interactively or by batch in all your text programs, including e-mail, word processing, database, spreadsheet and more. It includes our intelligent Thematic Relations Technology to make in-context suggestions to improve your writing. Offers 150 writing rules—5 times more than any other integrated grammar checker—making your ideas clear and easy to understand.

MAC Requirements: Mac OS 8.1 or later, including Mac OS 9.x.

You may purchase and get more information about our products by phone, fax, internet, or e-mail!

MacBundle
www.macbundle.com

Sales: 831.484.9228 or 800.359.4920 • FAX: 831.484.9218
Web Site: www.casadyg.com • E-mail: c&g@casadyg.com

WinBundle
www.winbundle.com



SOUNDJAM™ MP PLUS

The premier, full-featured, all-in-one MP3 player and encoder for the Mac. Encode your favorite music whether it's on CD, vinyl, or cassette into high quality MP3 files. Use SoundJam MP to download your music collection into portable MP3 audio players—quickly and easily! Best of all, SoundJam allows you to easily build custom music playlists that track your music by artist, track, song, etc., and supports the ability to create Audio CDs directly from SoundJam!

MAC Requirements: Mac OS 8.1 or later, including Mac OS 9.x. Power Macintosh with a 603 processor at 100 mHz, G3/G4 processor recommended. CD-ROM drive needed for physical product only.

SOUNDJAM™ MP FREE

SoundJam MP Free has all the features of SoundJam MP Plus for the duration of 14 days and 30 encodings. After 14 days, you keep the best free MP3 player for the Mac, featuring powerful and intuitive playlist management, to use for listening to audio files such as MP3, MP2, Internet streams, AIFF, Qdesign AIFF, QuickTime, Sound Designs, VBR, MOD, RMP and SND.



SPELL CATCHER™ 8 MAC

It's Universal—works in all programs, utilizing a single set of reference files. It's Comprehensive—features one of the largest integrated spell checking, thesaurus, and definitions dictionaries available. It's Multi-lingual—includes 9 different language spelling dictionaries with additional spelling dictionaries available upon request. Import customized words from other programs. Clean up your e-mail and check your spelling and punctuation interactively as you type.

MAC Requirements: System 8.1 or later, including Mac OS 9.x. CD-ROM drive.

You may purchase and get more information about our products by phone, fax, internet, or e-mail!

MacBundle
www.macbundle.com

Sales: 831.484.9228 or 800.359.4920 • FAX: 831.484.9218
Web Site: www.casadyg.com • E-mail: c&g@casadyg.com

WinBundle
www.winbundle.com



SPELL CATCHER™ PLUS FOR WINDOWS

CYA—"Cover Your Apps" when using the new Spell Catcher Plus for Windows. Spell Catcher is an easy-to-use collection of writing tools you can use when writing e-mail, documents, homework, in chat rooms, and in just about any other document worth typing! Don't waste time training other spell checkers when you install new applications. Customize Spell Catcher once to complement your writing styles, and never customize again!

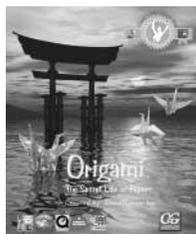
PC Requirements: Windows 2000, ME, 98, 95, NT. CD-ROM drive.



FUN BUNDLE™ II

Whether you want Zone Warrior's white-knuckle adventure at the rim of the galaxy, Glider Pro CD's wild paper airplane rides, Crystal Crazy's daring and enterprising space cow, or Step On It's toy chests gone wacko—they're all here—the best games to ever emerge from the Casady & Greene workshop! Put the entertainment back into your computer!

MAC Requirements: System 7, Mac OS 8–9.x. CD-ROM drive. Power Macintosh required for Zone Warrior.



ORIGAMI: THE SECRET LIFE OF PAPER™ HYBRID CD

Learn the art of Origami paper folding—secrets of this thousand-year-old technique await you! Create the crane, gyroscope, frog, iris, and more. Includes free Origami paper to get you started; you can even learn how to make your own Origami paper! Tour the gallery where creations of many of the world's greatest Origami masters are displayed! Over 100 full motion videos and 300 color photos!

MAC Requirements: Mac OS 7 or 8. 8MB RAM. 13" monitor at 640x480, Mac LCIII, Power Mac Native. CD-ROM drive.

PC Requirements: Windows® 3.x, or '95 (won't run on Windows 2000 or NT®). 486 processor, with 8MB RAM, 256 colors. CD-ROM drive.

You may purchase and get more information about our products by phone, fax, internet, or e-mail!

MacBundle
www.macbundle.com

Sales: 831.484.9228 or 800.359.4920 • FAX: 831.484.9218
Web Site: www.casadyg.com • E-mail: c&g@casadyg.com

WinBundle
www.winbundle.com

