



User Guide

Version 1.0

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Power On Software, Inc.
6525 West Campus Oval
Suite 130
New Albany, OH 43054

Phone: 614-413-4000

Fax: 614-413-4100
<http://www.poweronsoftware.com>

Sales:
sales@poweronsoftware.com
Phone: 614-413-4000 or 800-344-9160

Customer Service:
customerservice@poweronsoftware.com
Phone: 614-413-4000 or 800-344-9160

Technical Support:
<http://www.poweronsoftware.com>
or
support@poweronsoftware.com
Phone: 612-317-0344

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Money Back Guarantee

We guarantee Rewind will rescue you from data disasters or your money back. Just return it within 30 days of purchase for a prompt refund.

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Rewind User Guide

What is Rewind™?

Introduction



Have you ever made a mistake? Ever had an accident? Ever want that you could just go back a few moments *before* something bad happened? Think of all the times while using your Mac you threw away, lost, or messed up a file. Think of the deadlines that you missed because of “computer problems.” Think of those times when a new application or Internet download caused your system to crash, hang, or refuse to start up. And think of all the hours spent reinstalling software and recovering from backups (if you even have backups). Rewind is the answer to these problems and more. From the moment you install Rewind, your relationship with your Mac will get a whole lot better.

Rewind is something completely new for the Mac. It is continuous, comprehensive computing protection. Backups (which are still very important) protect you for a single moment in time; at best, they allow you to recover what you did yesterday. Disk utilities help you fix a problem, but typically don't allow you to recover or restore lost work. Anti-virus software protects you from known viruses, but does nothing for new ones.

Rewind does three things:

1. Rewind allows you to rewind your entire hard drive to a previous state. Now you can restore your entire Mac back to the way it was yesterday, when everything worked fine.
2. Rewind allows you to rewind individual files to a previous state. Get back the file you had before it got messed up.
3. Rewind provides an “Emergency Startup Mode” for when your system won't boot and you don't have a CD.

This user guide provides everything you need to know to install and use Rewind. If you're extremely lucky, once you install Rewind, you'll never need it. But if you're a typical computer user, the first time you use Rewind will make it worth the entire purchase price.

As you might suspect from the brevity of this manual, Rewind is extremely easy to use. You can also refer to the Rewind QuickStart Card for basic installation and usage.

And for the latest information, including updates to this documentation, FAQs (Frequently Asked Questions) and online support, visit our Customer Support web site:

<http://www.poweronsoftware.com/support>

Before You Begin - Requirements

Please read this entire guide and the Rewind QuickStart Card.

OK, so at least look at the QuickStart Card.

And don't forget to open the READ ME document included with your software for any late-breaking news.



NOTE: Rewind can only help with problems that occur AFTER you install Rewind. Rewind can't help you with problems that occurred before you installed it. For that you would *really* need a time machine.

System Requirements

Rewind has been fully tested and designed to work on any Macintosh meeting these requirements:

- PowerPC processor up to and including G3 and G4
- HFS+ Format Drive
- Minimum 1 Gigabyte hard drive
- 5% free hard disk space
- Mac OS 8.1 or higher



NOTE: If you are using an older Mac with an HFS (Mac OS Standard Format) hard disk, you will be required to update to HFS+ (Mac OS Extended Format). You may want to reformat your hard drive or use a conversion utility like ACTION SpaceDoctor. Visit <http://www.poweronsoftware.com> for information on using ACTION SpaceDoctor to convert your HFS disk to HFS+ format. If you aren't sure if your disk is HFS+, select the disk and Get Info.

Installing Rewind

Basic Installation

There's nothing to it. Simply launch the Rewind Installer and sit back. Choose where you want the Rewind application installed. By default, the Installer will place the Rewind folder at the top level of your hard drive. You can always move it at a later time.

Installation will place full Rewind protection on your Mac. After installation, you will be prompted to restart.

From that moment forward you are protected by Rewind!

Checking for the Latest Rewind Version

The Rewind Installer has an option to check the Power On web site to make sure you are installing the most current version. When you run the Installer, it will display the update window.



Click Update and the Installer will check for a more current version, and if one is found, download it for installation.

In addition, the Installer can be used to check for new versions in the future. Please be sure to keep the Rewind Installer to take advantage of this feature.

Installing Rewind

The Installer application is designed to place the Rewind application and its components in their correct locations on the specified install drive.

To install Rewind:

1. Disable any virus protection or other file-scanning software, restarting the computer if necessary.

This step is very important—not just for Rewind, but any new software product. Installing software while virus or other scanning software is active may result in corrupted files or other problems.

2. If you purchased Rewind online from Power On Software, please move on to Step #3. Otherwise, please insert the Rewind CD into the CD or DVD drive.
3. Locate the Rewind Installer (either on the CD or in your downloads folder if purchased online).
4. Copy the Rewind Installer to your hard drive, then launch the installer.

The Rewind splash window appears.



5. Click **Continue**.

A window appears, displaying the license agreement for Rewind. Read the license agreement carefully, as it describes the terms under which you must use the software. You may at this point choose to print a copy of the license agreement or save it to your hard disk as a text file.

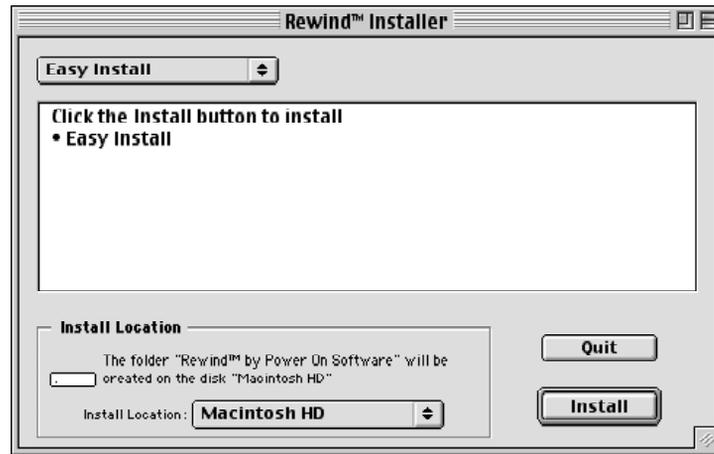
6. Click **Accept** or **Decline**.

Clicking **Accept** means that you, the user, have agreed to the terms of the license agreement and want to proceed with installation. Clicking **Decline** exits the Installer. Should you disagree with the terms of the license agreement, you should return the product to the point of purchase.

After clicking **Accept**, a new window appears, displaying the “Read Me” information on Rewind. This information is also available in the “Read Me” file found in the same folder as the Installer application. You should read this information, as it may be helpful in the installation process. As with the license agreement, you may choose to print a copy or save it to your hard disk as a text file.

7. Click **Continue**.

The main Rewind Installer window appears.



The top left pull-down menu in the main Installer window selects between installing Rewind (Easy Install) or removing it from your system.

At the lower left corner of the window, you may specify a location where you want the Rewind application to be installed. You may choose a local hard disk or specify a folder as the installation destination.

You must select your “startup” disk for Rewind installation.



NOTE: You must restart your computer after installing Rewind. Rewind protection does not begin until AFTER you restart.

8. Click **Install**.

A dialog box will let you know when the installation process has completed.

9. Click **Restart** to activate Rewind.

Upon Restart, Rewind is ready to use.

Registering Rewind

Please be sure to register your copy of Rewind with Power On Software, so that you may receive the benefit of our telephone technical support and have access to future updates.

You may register your copy of Rewind online at <http://www.poweronsoftware.com>.

If You Need to “Uninstall”

If for some reason you need to remove Rewind from your system, simply run the Installer again and select “**Uninstall**” rather than “**Easy Install**” from the pull-down menu located in the upper left corner of the Rewind Installer window (see previous page). After you have uninstalled the software, restart your system. Empty your trash to be sure all files are deleted.

Back Up Your Data

It bears mentioning here that you should still perform regular backups. Rewind is miraculous, but it can't help you if someone steals your pretty blue iBook. It won't help you when your G4 is knocked off your desk by the cleaning staff, or when your building gets hit by a meteorite.

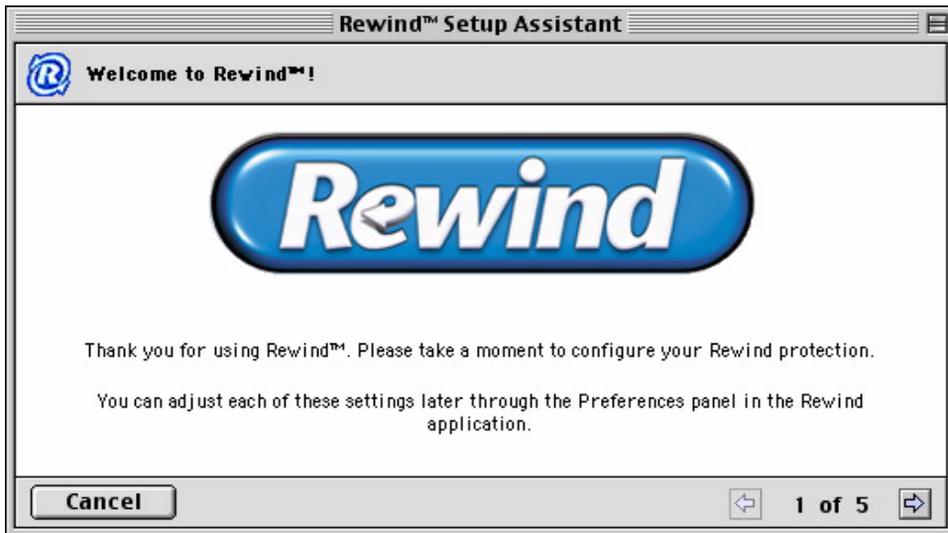
Trust us. Back up your system regularly.

Rewind Setup Assistant

After you have installed Rewind and restarted your system, Rewind will automatically assist you with its basic configuration.

The default configuration provides most users with everything they need to successfully use Rewind. You may want to review these settings to help Rewind provide you with maximum protection.

After you install Rewind and restart, you will be presented with the Rewind Setup Assistant window.

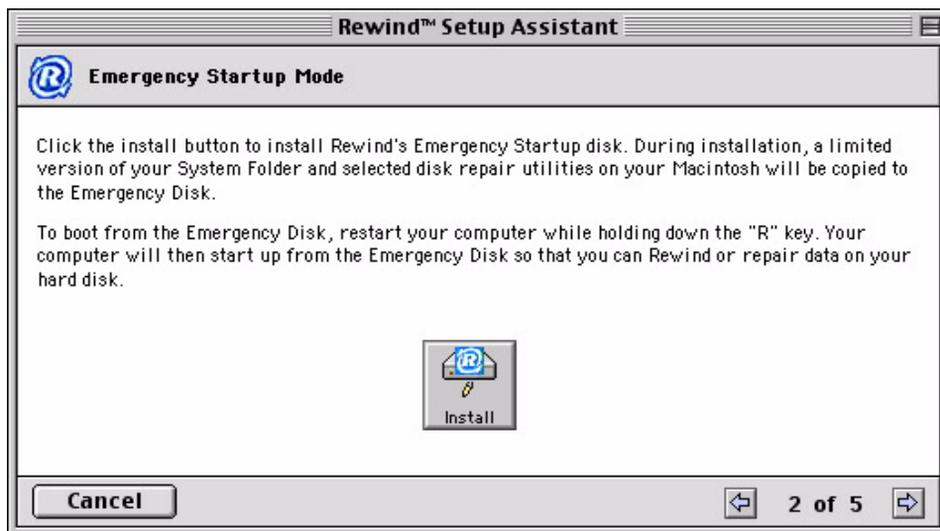


Click the “right” arrow to display the next window. You may also click **Cancel**. If you click cancel at this point, Rewind will operate with the default settings; however, the Emergency Startup Mode *will not* be installed. The Setup Assistant will run again when you launch Rewind.

See “Installing or Removing Emergency Startup Mode” on page 30 for more information.

You may also use the Rewind Preferences settings to change these settings at a later time.

Click the “right” arrow to display the Install Emergency Disk window.



1. Click Install.

The Emergency Disk Settings window will be displayed.



You may use the default setting of 100 MB for the Emergency Disk; however, if you want to store other utility programs in the Emergency Disk, you should increase the Disk Size setting. 300 MB should be sufficient for most users.

You may also change the startup key for Rewind's Emergency Startup Mode (ESM). The choices are R, E, or S.

2. **Click Create.**

Rewind will now create the Emergency Startup Disk (ESD) and copy the System onto it.

In addition, Rewind copies additional software to your ESD (if these products are installed on your hard drive). Rewind copies:

- Rewind
- Apple Disk First Aid
- Apple DiskCopy

And Rewind recognizes other utility software and copies them to the ESD for you. These applications are:

- DiskWarrior
- Emergency Unlock (part of DiskLock, also from Power On Software)
- Help!
- MacMedic or MacMedic Pro
- Norton AntiVirus
- Norton Utilities
- TechTool and TechTool Pro
- Virex

If you upgrade any of these applications OR install other utilities, remember to mount the ESD and install the application on it.

3. After Rewind has completed creating the Emergency Disk, the system will rebuild the desktop for the Emergency Disk. You may have to click on the desktop for the rebuild to start, or the rebuild will start after you quit from Rewind.

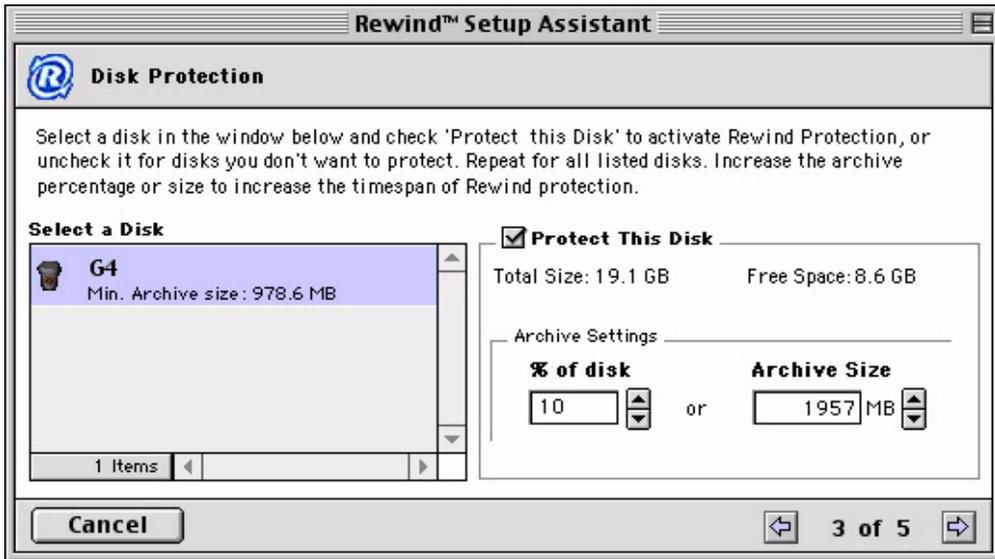


After the desktop rebuild is completed, the Emergency Disk will be displayed on your desktop.



See "Installing or Removing Emergency Startup Mode" on page 30 for more information.

Click the “right” arrow to display the Disk Protection window.



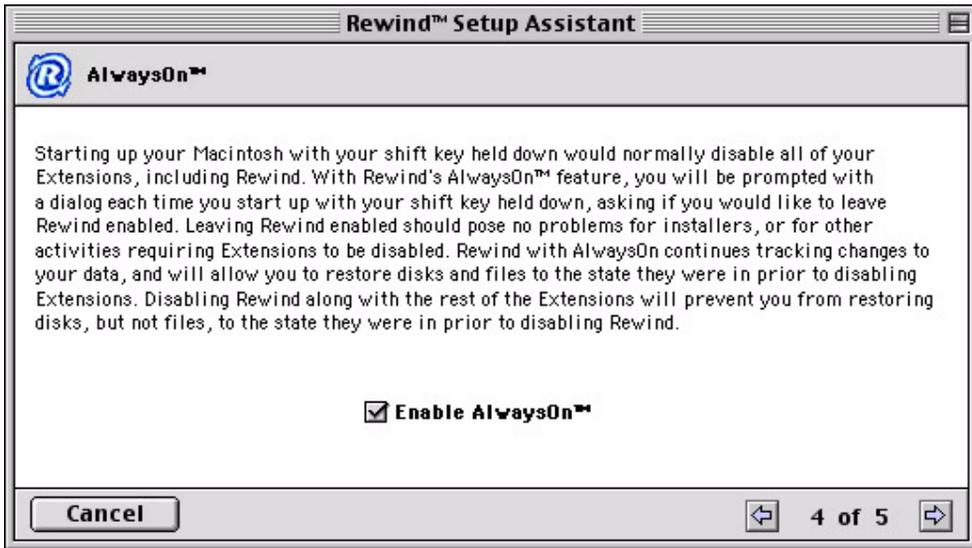
Rewind protection is provided by storing information about changes you make to the files on your system in its own archive. This archive is invisible to the user.

Select a Disk—Rewind protection can be enabled for your main hard drive or startup disk and any disks that are directly connected to your Mac. Rewind protection cannot be provided to network disks or small disks, such as Zip disks. You may also select individual disk partitions or volumes. Highlight a disk you want to protect and select **Protect This Disk**.

Protect This Disk—Select **Protect This Disk** to enable the selected drive in the **Select a Disk** field. Five percent is the minimum size for a Rewind archive. Ten percent is the default.

We recommend you consider using up to 25% of your drive to provide more Rewind protection (i.e., to be able to Rewind further back in time).

Click the “right” key to display the AlwaysOn™ setup window.



Rewind's AlwaysOn feature will provide Rewind protection even if you restart your system with extensions off. See “AlwaysOn™” on page 18 for more information.

Click the “right” key to display the final setup window.



Click **Finish** to complete Rewind's configuration.

You may now safely use your Mac. Rewind's on the job!

Using Rewind

If you are reading this because something has gone wrong and deadlines are looming, take a deep breath. Everything's going to be fine. As long as you installed Rewind *before* the problem occurred.

Rewind is a very simple program to own and operate. Basically, it protects you and is there when you need it. Since, by its very nature, you need Rewind when you're in trouble, please take a few moments to read how to configure and use Rewind.

Rewind Preferences

To view the Rewind preferences window, launch Rewind by double-clicking the application icon and select **Preferences** from the Edit menu.

The preferences menu is organized into four submenus, indicated by folder tabs across the top of the window: **Protection**, **Ignore**, **AlwaysOn**, and **Advanced**.

Protection

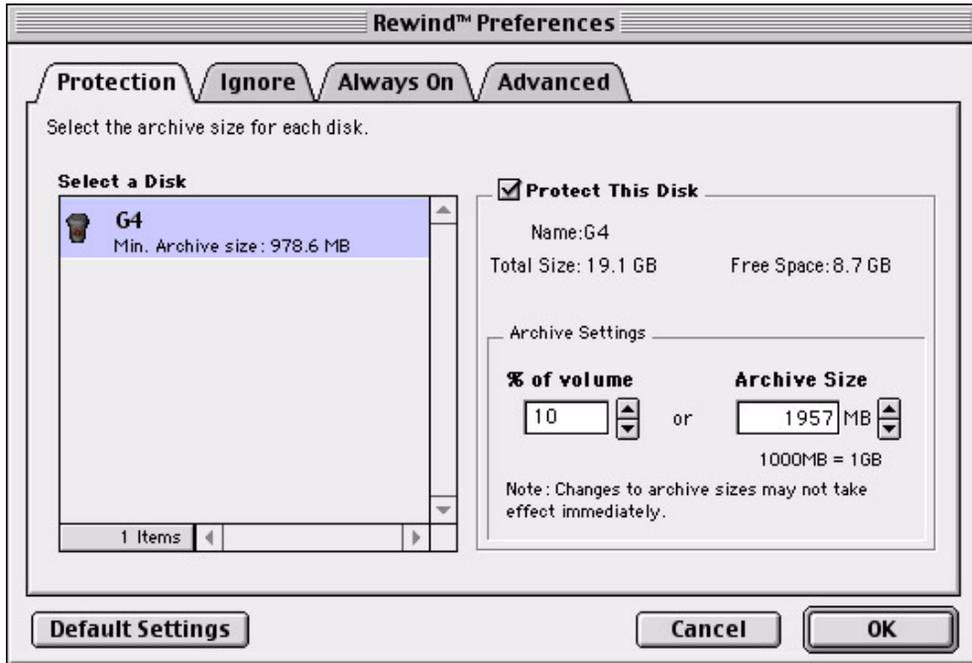
Rewind protection is made possible through monitoring of your drives/disks. Rewind tracks every change made to every file and stores these changes in its archive. Through use of patent-pending compression technology, Rewind is able to store only the changes and provide this level of protection with little or no impact on your system performance.

When you want to rewind your disk or individual files, Rewind accesses this archive to retrieve the desired state of the file or disk.

You can determine how much space to devote to Rewind's archive, providing yourself with a wide or narrow window of "rewindability." The more space, the further back you can rewind.

In the Protection tab of Rewind Preferences, you can determine which disks (local hard disk) you would like Rewind to protect and how much space (Archive Size) each disk will have. By default, Rewind uses ten percent of each disk/volume. To increase your level of protection, we recommend that you set this number higher.

Rewind can simultaneously protect all local hard drives attached to your Mac. The Rewind archive for each disk is stored on that disk.



Selecting disks to be protected by Rewind

Select one or more hard disks to be protected from the left side of the Protection menu. The checkbox in the upper right side of the Protection window determines whether Rewind tracks files and folders on the selected hard disk. If you would like to be able to rewind the selected disk, make sure that the box is checked. For Rewind to protect a disk, it must be connected to your system. Rewind is not intended for protecting network disks or small disks such as Zip disks. The archive for Rewind is stored on the disk Rewind is protecting.

Changing the archive size for local hard disks

After using Rewind for an initial period, you may want to expand the Rewind archive, or possibly reduce the amount of space. You can allocate more or less disk space to Rewind at any time.



CAUTION: If you reduce the amount of disk space that Rewind is using, it will delete items from the archive, starting with the oldest entries, until the targeted archive size is reached. Reducing disk space reduces the amount of time over which Rewind can protect your disk.

To change the amount of disk space Rewind uses on each local disk, select a hard disk from the left side of the Protection window and adjust the percentage of total hard disk space, or enter a specific size, measured in megabytes. You may also use the “up/down” arrows next to the Archive Size field to increase or decrease the disk space to devote to Rewind.

Ignore

You may configure Rewind to ignore certain types of files. Why would you want to do this? This is why you have Rewind in the first place.

There are three main reasons why you may want Rewind to ignore certain files:

Non-essential Files—if a particular file or type of file is unimportant to you and you never need to recover these files, ignoring them makes more room in Rewind’s archive for the files that are important to you. And that means a greater period of time that you can rewind these files.

Security—if you have any really critical information that you don’t want anyone else to see or have access to, you may want Rewind to ignore this file or files.

Performance—while Rewind is typically unnoticed by the user, the fewer things Rewind protects, the less obtrusive it will be.

You may select from Rewind’s predefined list of file types to ignore, or specify your own files. User defined files to ignore can be specific files, files created by a particular application, or of a particular file format.

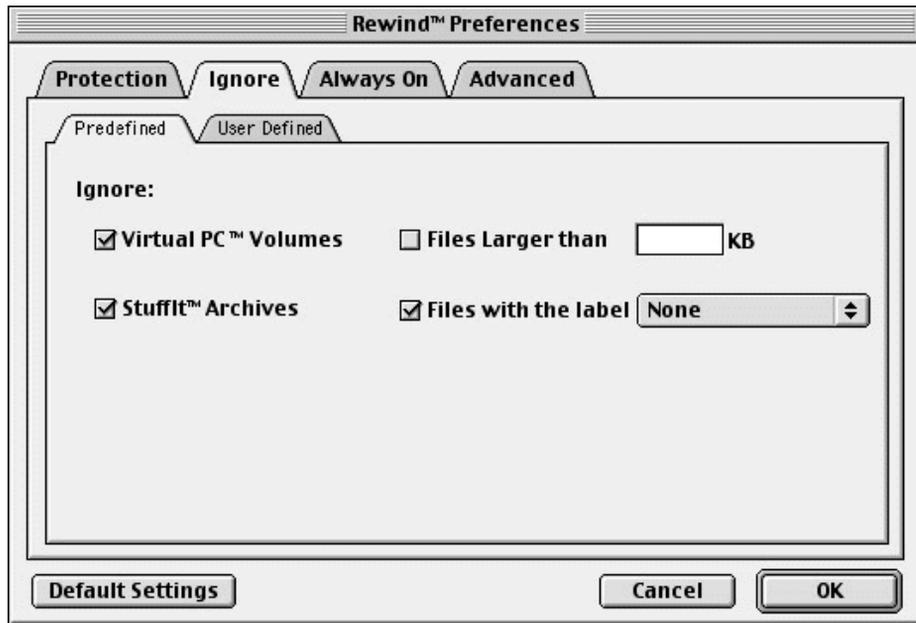
You may also select individual files to ignore “on the fly” while you are using Rewind. See “Removing or Ignoring Files” on page 29 for more information.

Remember, once you instruct Rewind to ignore a file, it is no longer protected.

The **Ignore** tab is subdivided into two sub-tabs; **Predefined** ignored files, and **User-Defined** ignored files.

Predefined

There are several file types that typically don't need Rewind protection. In its default configuration, Rewind excludes these types of files from tracking.



Virtual PC™ Files—Selecting to ignore Virtual PC Files eliminates protection for the files produced with this application. Virtual PC files are typically very large and stored on a partition of your disk created and maintained by Virtual PC. By default, Rewind ignores these files. If you select to include (not ignore) Virtual PC disks, you should increase the size of your Rewind archive.

StuffIt™ Archives—Selecting to ignore StuffIt Archives eliminates protection for these archives. StuffIt is typically used to store or transport files, and you may not need protection for these files. By default, Rewind ignores these files.

Files Larger than—If you want to extend your Rewind protection, selecting to ignore files larger than a defined file size will reduce the archive size requirements. This may be helpful to users such as graphic designers who store very large documents like production Photoshop files.

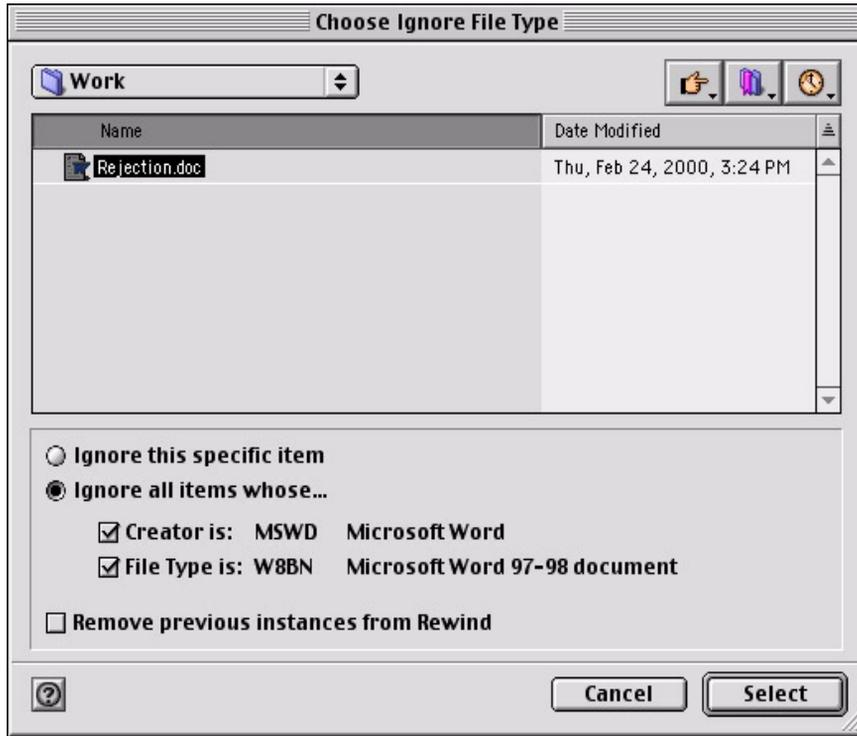
Files with the label—Selecting to ignore files with a particular label lets you be very specific about files you want to ignore. Simply select this feature, then in the Finder assign the selected label to files you want to ignore.



NOTE: If you select to ignore files with the label **None**, Rewind will ignore virtually all files on the protected disk. Use this option if you only want Rewind to protect specifically labeled files.

User-Defined

You may create a list of files or file types to ignore, by either file type or creator code. Click **Add** or **Remove** to edit the list.



This specific item—Selecting **This specific item** allows you to select a specific file for Rewind to ignore.

Items by Creator Type—Selecting **Items whose Creator is** will allow you to instruct Rewind to ignore *every* file created by a particular application. For example, you can tell Rewind to ignore all files created by Microsoft PowerPoint.

Items by File Type (Format)—Selecting **Items whose File Type is** will allow you to instruct Rewind to ignore every file that is the same format. For example, you can tell Rewind to ignore all GIF files.

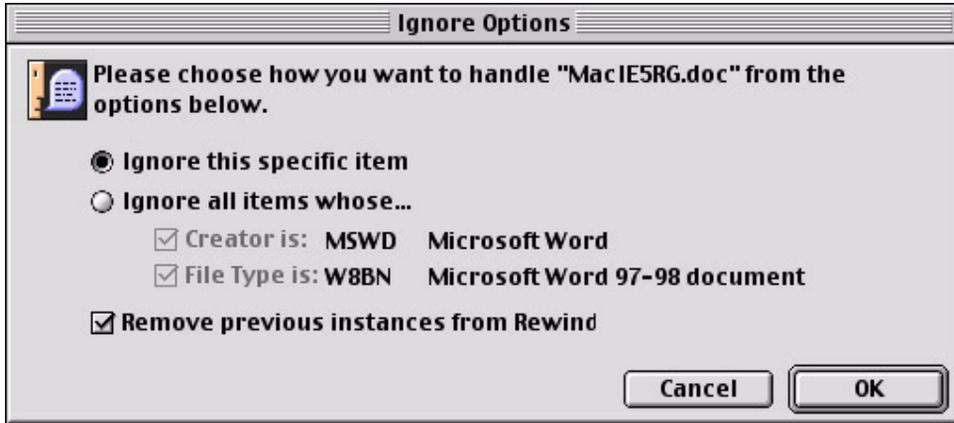


NOTE: You should use this feature to select files, not applications. For example, if you want to ignore all Microsoft Word files, select any one Word file, then select **Ignore all items whose...** and **File Type is:**.

Remove previous instances from Rewind—When you select **Remove previous instances from Rewind**, Rewind will search its archive for all instances of the file or files and remove them. This could be useful if you need to completely remove a document for security reasons.

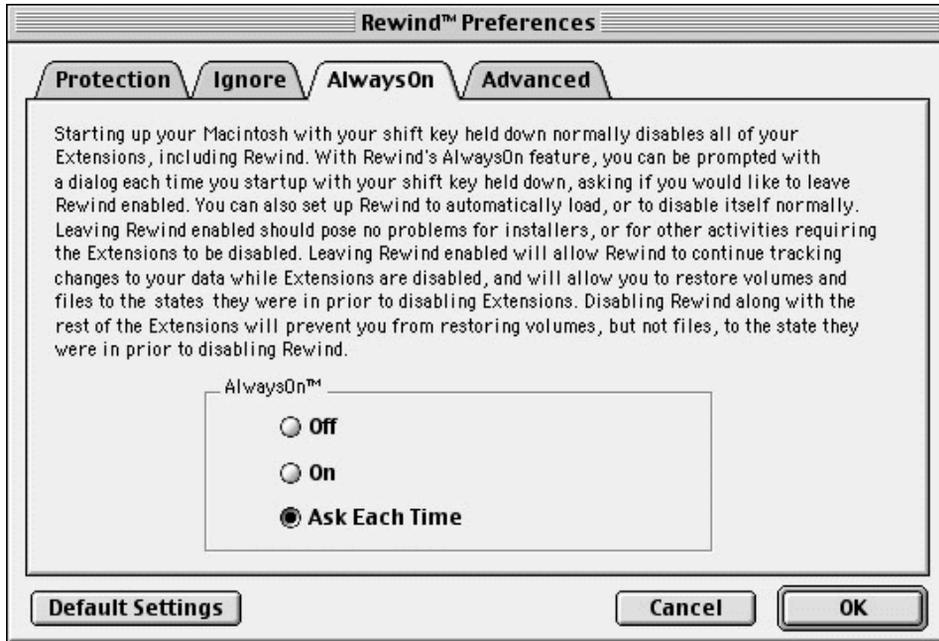
For example, although searching for extraterrestrial intelligence in the universe is important, you may want to exclude SETI@home files from your Rewind protection (SETI@home generates LOTS of files).

You can also ignore a file by dragging it into the Ignore User Defined window. Rewind will display a dialog box with the ignore choices.



AlwaysOn™

AlwaysOn—Unlike other extensions that may cause problems when you install new software or perform other operations with extensions off, Rewind provides you with real benefits by tracking the changes made to your system (like the installation of new software). Running Rewind while other extensions are off will not cause problems.



Rewind is configured by default to load even when you start your Mac with extensions off. This will provide Rewind protection on your Mac at all times. Select **Off** and Rewind **WILL NOT** load when you start without extensions. Select **ON** and Rewind will load when you start without extensions. Select **Ask Each Time** and Rewind will display a window allowing you to load Rewind when all other extensions are disabled

Advanced

In the Advanced preferences window, you may choose to set a password to open Rewind and show an Advanced tab in the Rewind files window.



Password–To require a password to start the Rewind application, click the **Require a password at launch** box and click **Set**. The Set Password dialog box will be displayed.



This window will prompt you to enter a password and confirm it. Click **OK** when finished.

Password protection prevents unauthorized users from rewinding files and/or disks. **DO NOT LOSE THIS PASSWORD** (or you will be prevented from rewinding). If you do lose your password, you will have to uninstall and reinstall the application. This will, however, delete the previous Rewind archive and the protected data.

Rewind Files Browser– Select **Show Advanced Tab in the Rewind Files window** and Rewind will display a list of all items Rewind tracks. This is an extremely comprehensive list. Most users will find that Rewind’s basic configuration is a simple way of displaying the files they use.

Rewind Disks

The broadest method of rewinding is to Rewind Disks feature.

You should use the Rewind Disks feature when:

- you want to rewind everything to a point in the past—excellent for kiosks, labs, etc.
- your system is operating poorly after installing new software, including operating system upgrades.

When you want to rewind individual files or folders, you should use the Rewind Files feature. See “Rewind Files” on page 25 for more information.

Rewinding your Mac’s hard drive (Startup Disk)

You can choose to protect or ignore any drive or disk connected directly to your computer. Your data is only protected while the Rewind extension is enabled and the drives are attached to your computer. If you turn off the Rewind extension or detach a drive from your computer, any changes made will not be tracked.

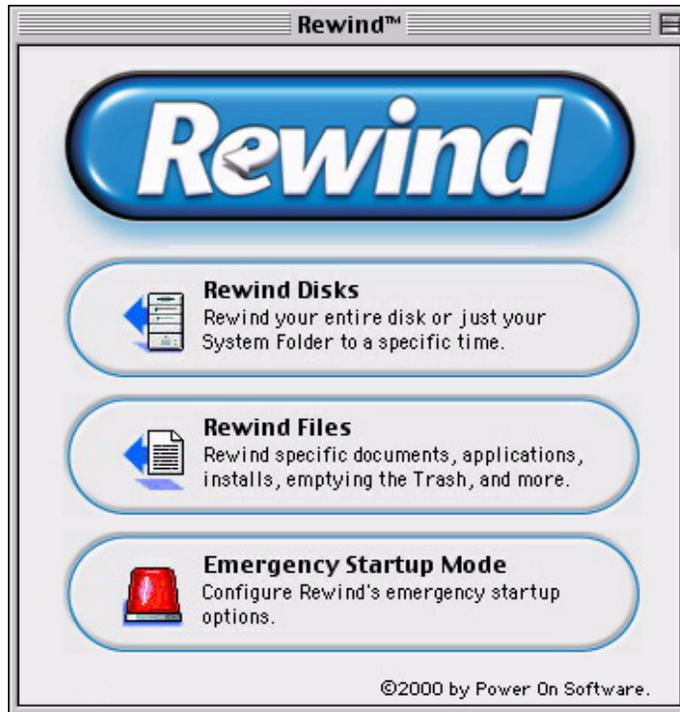


NOTE: When Rewind is re-enabled or the drive is re-attached, Rewind will be able to access the data already stored. You can then Rewind specific files to the state they were in when they were being tracked; however, you will not be able to rewind disks beyond the point at which you disabled the Rewind extension.

Using Rewind Disks

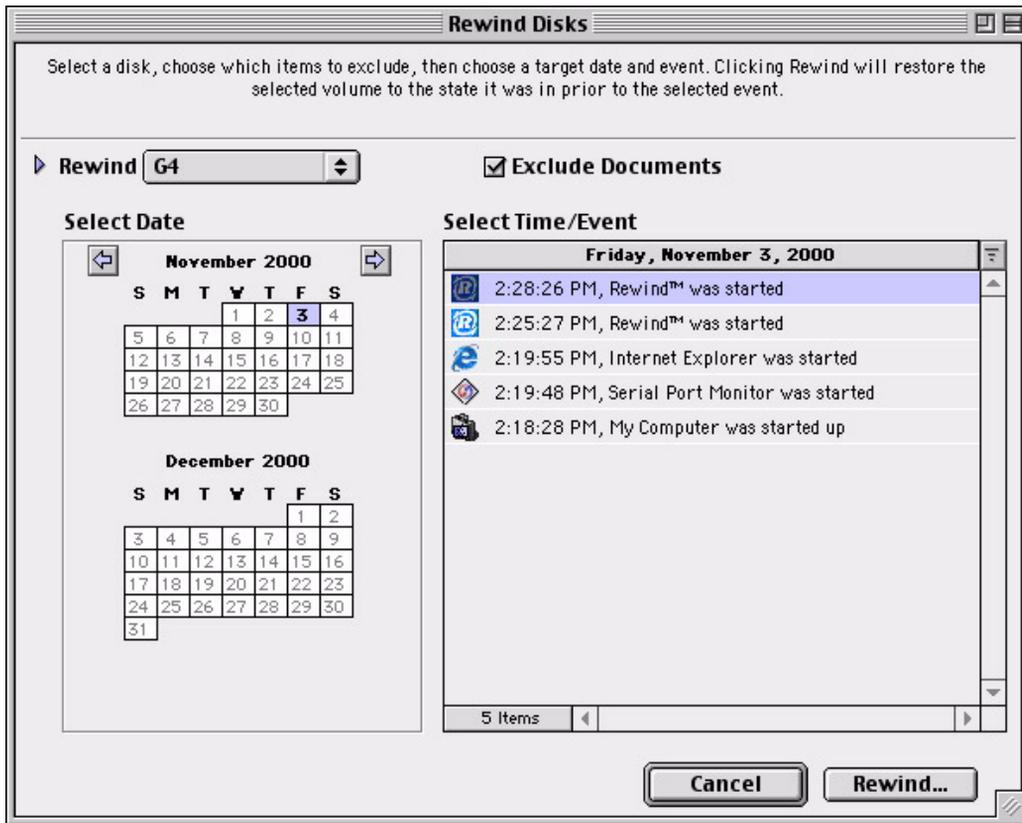
1. In the Finder or from the Apple Menu, launch Rewind.

After a brief splash window, the main Rewind window will be displayed with three options: **Rewind Disks**, **Rewind Files**, **Emergency Startup Mode**.



2. Click **Rewind Disks**.

The **Rewind Disks** window is displayed.

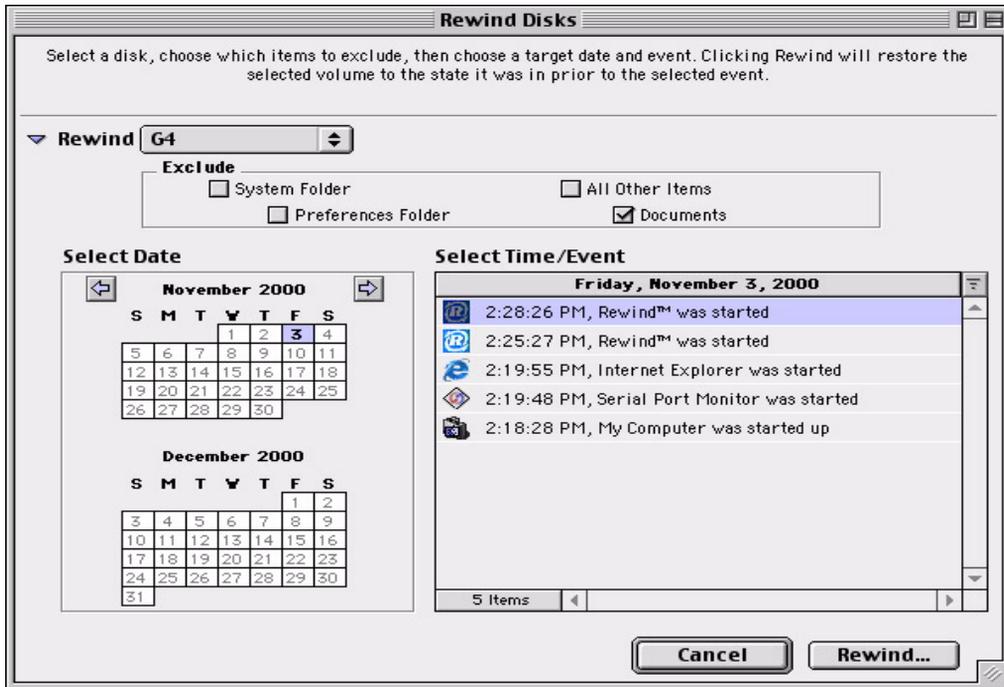


At the top of the window is a pull-down menu that allows you to select the disk you want to rewind. If you have more than one disk protected by Rewind, you can either select a specific drive to rewind or choose to rewind all disks.

To the right of this menu is a checkbox to exclude documents when you rewind the disk. If **Exclude Documents** is selected, Rewind will return your entire hard drive to the previous state you select, except for changes to any documents.

The **Exclude Documents** checkbox is selected by default so that you can rewind your disks while preserving any documents you may have created/modified. For example, your system is acting strangely after installing a new application. Rewinding your disk while **Exclude Documents** is selected will return your system to its previous state before the application was installed, while leaving all of the files you have worked on since then alone. De-selecting the **Exclude Documents** checkbox will return *everything* to the state you've selected.

There is a disclosure triangle to the left of the pull-down menu to expand your options while rewinding disks; otherwise, the only option is the **Exclude Documents** checkbox. When you click the disclosure triangle, you are given the options of excluding the System Folder, Documents, Preferences Folder. By default, all options other than Documents are un-checked.



You may also select to exclude the **System Folder**, **Preferences Folder** or **All Other Items**.

For example, if you just installed a new application and want to “undo” what it installed in your System Folder, you can select to exclude **All Other Items**.

After you have selected the disk to Rewind and have reviewed the options, you need to select how far you want to rewind the disk. Select a date on the calendar below. You will see that Rewind protection is provided from the time you installed Rewind.



NOTE: Rewind does not offer “permanent” protection. Depending on the amount of space assigned to Rewind and how frequently you use your system, the range of protection will vary from a few days to many weeks. As your archive fills, older items will be “pruned” out of the archive.

Select a specific date you want to rewind the disk to. Listed in the window to the right of the window are all the actions that Rewind has catalogued to the system and the time that those actions occurred. These include successful startups and restarts of the system and successful application launches. Each one of the events listed is a point in time when it appears your machine was running successfully.

3. Select the action corresponding to the state to which you want to rewind, click once on that action and click the **Rewind...** button. Rewind will then restore the disk to the state it was in *just prior* to the selected event.

Rewind will display a window asking you to quit from all other applications.

4. Click **OK**.

Rewind will display a progress window indicating that it is gathering files from its archive to restore your system to the selected state.



After Rewind has gathered all of the files, it will display a window indicating that it is restoring your system. Please do not interrupt Rewind at this point—it may take a few moments.



When the rewind process is complete, Rewind will prompt you to restart.



5. Click **Restart**. You've just rewound your Mac!



NOTE: Once you have used Rewind to return your disk to a past state, you can always Rewind again to return the drive to the state it was in before you “rewound” the first time! You can also use Rewind to return specific documents to the state they were in prior to the Rewind event taking place. In addition, Rewind creates a log file in the Rewind folder in case you experience a failure while trying to rewind your disk.

Rewind Files

In some circumstances you will only need to rewind a single file or a folder and associated files. The **Rewind Files** feature is what you will typically use to help with life's little computing crises. You can only rewind a folder from the Emptied Trash tab.

Rewind a File or Folder

1. Launch Rewind.

After a brief splash window, the main Rewind window will appear with three general options: **Rewind Disks**, **Rewind Files**, **Emergency Startup Mode**.

2. Click on **Rewind Files**.

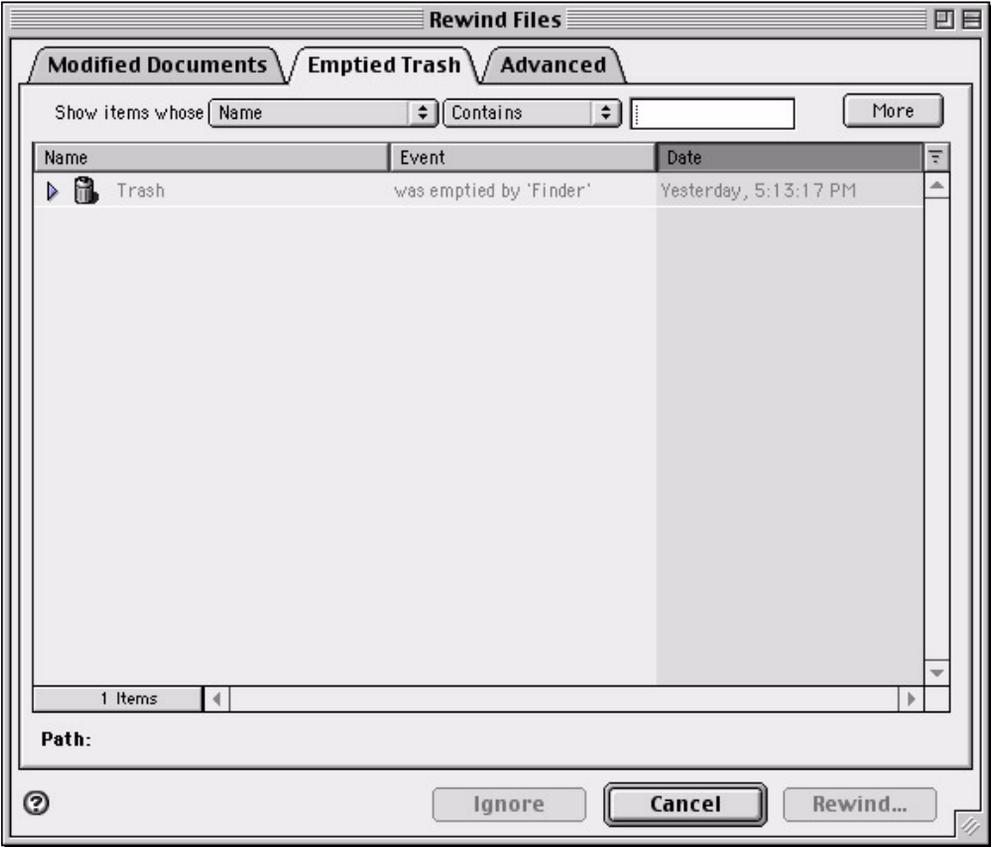
The Rewind Files window is displayed.



Across the top of the window are two tabs: **Modified Documents** and **Emptied Trash**. You also have the option to display an Advanced tab. See “Rewind Preferences” on page 12 for more information.

Modified Documents—displays documents you have created, opened or saved.

Emptied Trash—displays items that were emptied from the trash (grouped by each time you emptied the trash).



Advanced—displays all items modified on your system. This is a very comprehensive list of modifications. The Advanced tab must be turned on in Rewind Preferences.



At the bottom of the window is the file list. All the files that Rewind has tracked show up in these lists, with the most recent files located at the top.

To filter through these files, use the find option by filling out the “**show items whose**” section of the Rewind Files window. There are multiple options to help narrow your list. You can filter items by **Name**, by **Application**, by **Date**, or by **Event Type**. You can also filter both positively and negatively. For example, you can filter for items whose **Name** is Work, **AND** for items whose **Name** is **NOT** Fish.

Another example would be to use this filter to specify a range of time. For example, **Date Is After 11/3/00** and **Date Is Before 11/6/00**.

To sort by name—Select **Name** as the limiting variable, then type in the text you want to find. You can filter so that you see items whose names contain the text you enter. The filter will find items that start with the text, end with the text, or match exactly the text you enter. As soon as you start typing, Rewind starts narrowing down the displayed files to the one (hopefully) you are looking for.

To sort by application—Choose **Application** as the limiting variable, and fill out the name of the application that created the file you are looking for.

To sort by date—Choose **Date** as the limiting variable then choose the relation to the date you want. You can find items with the following date range qualifications:

- created before
- before or on
- on
- after
- on or after

To sort by event type—choose **Event** as the limiting variable, then choose the type of event (document event, system events, or disk event). You can choose to search for documents that are or are not that type of event.

Once you have selected the file you want to rewind, you must then determine *which version* of the file you want to rewind.

3. To find the version of the file you want to rewind, click on the disclosure triangle to the left of the item, which will then expand the item and show you the versions you can rewind. Choose the version you want by clicking on it.
4. Once you have selected the version of the file you want to rewind, click on the **Rewind** button at the bottom of the window.

Rewind will display a dialog box allowing you to rewind the file to its original location or to a specified location.

To specify a location, simply click the **specified location** radio button, then click **Recover** (or **Recover All** if you are recovering multiple files). You will then be asked to specify a location through a regular save dialog box. You may want to create a new folder to receive the rewound files.



NOTE: If you select to rewind files to their original location on the Emptied Trash tab, you will find them in the Trash can—because that's where they were before the trash was emptied!

5. When the rewind process is complete, a dialog box will appear saying “*The Rewind Operation Was Successfully Completed.*”

Click **OK** to dismiss the dialog box, then click **Done** if you are finished.



Rewind Tip: If you are unsure which version of a file to rewind, choose to rewind them all into a new location. This will allow you to review each and select the one you want. Discard the others - you can always rewind them back again if you need them.

Removing or Ignoring Files

Another option is the “Remove/Ignore” button. This button allows you to specify files that you want to remove from Rewind's archive and/or want Rewind to ignore in the future. Use this option if you have sensitive material that you do not want someone to be able to rewind after you've deleted it (we call it the Ollie North Option), or if there is a particularly large file you don't want Rewind to track in order to save disk space.

Choose wisely. Protecting files is why you installed Rewind in the first place.

See “Ignore” on page 14 for more information.

In addition to Ignore, you may want to use Rewind's Password feature. See “Password” on page 19 for more information.

Emergency Startup Mode

One of Rewind's most powerful features is the Emergency Startup Mode (ESM). Using Rewind's patent-pending Emergency Startup Mode, you can now recover from a system that won't boot, right from your own hard drive, without using a system CD. You can also use the ESM to do routine system maintenance, once again, without using a CD!

Using Rewind's Emergency Startup Mode is extremely simple, allowing users to recover in minutes. Perform these steps to install, configure, and use Rewind's Emergency Startup Mode.

The ESM can be installed when you launch Rewind the first time after installation. See "Rewind Setup Assistant" on page 7 for more information.

Installing or Removing Emergency Startup Mode

Rewind's Emergency Startup Mode may be enabled when you install Rewind (as part of the Rewind Setup Assistant). If you want to change the size of the default Emergency Startup Disk, you will need to delete the existing one and install a new ESD.

Deleting the Emergency Startup Disk

To delete the Emergency Startup Disk, simply launch the Rewind application, select **Emergency Startup Mode**, and click **Delete**. The disk and all its contents will be removed.

Installing or Changing the Size of the Emergency Startup Disk

If you want to change the size of the Emergency Startup Disk, follow the instructions above to delete your existing Emergency Startup Disk, then create a new one with the new size you want.



NOTE: when you install an ESD, only the extensions that are currently enabled on your system will be installed on the ESD.

You must perform the following steps to install Emergency Startup Mode if it was not installed from the Setup Assistant.

1. Launch the Rewind Application by double-clicking on the Rewind icon.

The main Rewind window will be displayed.

2. Click **Emergency Startup Mode**.

The Emergency Startup Options window will be displayed.



3. Click **Install**.

The Emergency Disk Settings window will be displayed.



You may use the default setting of 100 MB for the Emergency Disk or, if you want to store other utility programs in the Emergency Disk, you can increase the Disk Size setting.

You may also change the startup key for Rewind's Emergency Startup Mode. The choices are **R**, **E**, or **S**.

4. **Click Create.**

Rewind will now create the Emergency Disk and copy the System onto it.

In addition, Rewind copies other software to your Emergency Disk (if it is installed on your hard drive). Rewind copies:

- Rewind
- Apple Disk First Aid
- Apple DiskCopy

And Rewind recognizes other utility software and copies them to the ESD for you. These applications are:

- DiskWarrior
- Emergency Unlock (part of DiskLock, also from Power On Software)
- Help!
- MacMedic or MacMedic Pro
- Norton AntiVirus
- Norton Utilities
- TechTool and TechTool Pro
- Virex

If you upgrade any of these applications OR install other utilities, remember to mount the ESD and install the application on it.

5. After Rewind has completed creating the Emergency Disk, the system will rebuild the desktop for the Emergency Disk. You may have to click on the desktop for the rebuild to start, or the rebuild will start after you quit from Rewind.



After the desktop rebuild is completed, the Emergency Disk will be displayed on your desktop.



6. Double-click the Emergency Disk Icon.

The Emergency Disk's contents will be displayed.

You will find that in addition to a System Folder, Rewind has installed an edition of itself (so you can rewind in an emergency) as well as other disk utilities from the above list.

7. To unmount the Emergency Disk, launch Rewind, click **Emergency Startup Mode**, and then click **Unmount**.

If you choose to drag the disk to the trash, the system will display a dialog box telling you the disk will be remounted when you restart. It won't—but that's not a problem. Just click **OK** and ignore it.

8. Test the Emergency Startup Mode.
After you have successfully installed Rewind's Emergency Startup Mode, it is wise to test it. You will want to make sure it works before a true emergency arises.

To test the Emergency Startup Mode:

- A. Shut down your Mac.
- B. Hold down the **R** key (or **S** or **E** if you've changed it) and press the Power button.

The system will boot into Rewind's Emergency Startup Mode.

If this had been an actual emergency...

Moving Files and Applications to the Emergency Startup Disk

You may store copies of disk or system utilities on your Emergency Startup Disk. This may be helpful for advanced users to diagnose and repair the system while in Emergency Startup Mode. Most users will find that this is not necessary, as Rewind will be able to return your system to a “pre-problem” state without attempting diagnosis or repair.

To move files and applications to the Emergency Startup Disk:

1. Launch the Rewind Application.
2. Click **Emergency Startup Mode**.
3. Click **Mount**.

The Emergency Startup Disk will appear on your desktop.

4. Open the Emergency Startup Disk.
5. Drag the applications you want to store on to the Emergency Startup Disk.

Using Rewind's Emergency Startup Mode



Emergency Disk

So, it finally happened. You wanted to start up your Mac, but all you see is the flashing question mark (if that).

Do you wail and moan? No, this time you smile.

Activating Rewind's Emergency Startup Mode

1. Restart your Mac.
2. Hold down the “**R**” key (or **S** or **E** if you've changed it).

The system will boot into Rewind's Emergency Startup Mode.

At this point, you have the option of launching Rewind and restoring your system to a previous state, OR you can launch and use a system or disk utility, if you installed or moved them onto the ESD.

3. Launch Rewind.
 4. Select **Rewind Disk**.
- Rewind will display a list of system events, including startup events. Select the latest (most recent) one that worked, then click **Rewind**.
5. Quit Rewind and restart your Mac.

Your system will now restart. Simple, no?

6. Do the dance of joy!

And remember, stop by <http://www.poweronsoftware.com> and tell us your experiences using Rewind. We'd love to hear from you.

Frequently Asked Questions

1. How much disk space should I allocate to Rewind?

As much as you can. Rewind's archive accumulates all of the changes that occur on your system, so the more space you give it, the further back in time you'll be able to Rewind. It is recommended that you give Rewind between 10 and 25 percent of your hard drive space.

It is not possible for us to tell you precisely how far back you'll be able to rewind. It all depends on how much you use your Mac, what types of files you work on, and something to do with past lives and karma.

2. Will Rewind capture and store my passwords?

No. Rewind is protecting your files, so unless you store your passwords in a file, Rewind doesn't "capture" passwords or secure information used to login or unlock something.

3. Does Rewind capture every keystroke?

No. Rewind protects your files and your system. It does not track your keystrokes. That also means if you have a power outage while working on a file, anything you have done since saving will be lost.

4. Does Rewind protect my database entries?

Yes (and no). If your database is saved to your hard drive, Rewind will protect it. If you work on a database that is not located on your hard drive (such as over a network), Rewind will not protect it.

5. Do I still need to make backups?

Yes. Rewind cannot protect you if your system hardware fails or if it is stolen. We urge you to make regular backups and store them separately from your system, preferably in another physical location.

6. Can I install Rewind and recover a file?

No. Rewind must be installed *before* you experience the problem.

7. Can I Rewind my email?

Yes, but how you do it depends on how your email client stores email messages. If you use an email client like Eudora, you can Rewind individual mailboxes - nothing to it. Simply launch Rewind, locate the mailbox file, and rewind it to its original location.

If you use an email client like Microsoft Outlook Express, you can still Rewind an individual message, but you'll have to go through more steps. Outlook Express (and some other email clients like the venerable Claris EMailer) stores all of your messages in a single archive file.

To Rewind an email message from an email database you will need to first find the name of the database. Next, Rewind a version of the email database where your message still existed in the state you want it (if it was OK yesterday at 9 A.M., that's the one). Rewind the database file to a different location like your desktop, then open the "rewound" database with your email client. Find the message you want and either copy it, or email yourself a copy (but don't receive it in this database-go back to your working database).

8. Can I Rewind a Web site I visited?

No. Web sites are external to your system and we can't control when they change. Rewind does not protect your web browser's cache-it's too big and doesn't contain any critical information.

9. Does Rewind protect my browser's bookmarks, cookies, and history?

Yes.

10. I've lost a file - how far back should I Rewind my hard drive?

You don't need to rewind the entire disk just to recover a single file. Really. You only need to use the Rewind Disk feature if your system is misbehaving (bad disk!). Rewinding the Disk is the BIG REWIND and not usually necessary. Use the Rewind Files feature to recover individual files or folders and their contents.

11. I can't find the file I want to Rewind. What happened to it?

If it's been a while since you changed the file, it probably moved off the Rewind archive. So, if you deleted a file two weeks ago, then tried to Rewind it today, it may be gone for good. To give yourself more "Rewindability" give Rewind more disk space. See "Selecting disks to be protected by Rewind" on page 13 for more information.

12. Can I Rewind an OS upgrade?

Yes. As long as you do not reformat or partition your hard drive before installing the new OS, and Rewind is enabled during the installation. You cannot, however, Rewind firmware updates, as these are not stored on the hard drive.

User Scenarios

Here are a few narratives that may help you see the possible uses of Rewind. Scenarios 1–3 deal with when to Rewind Disks. Scenarios 4–6 deal with Rewinding Files.

Scenario 1

You come home after a long day's work to find someone has helpfully installed 50 MB of the latest shareware from the web. Now you can't seem to print anything, and you have a report due on the boss's desk at 8 A.M. You could spend hours playing with the Extensions Manager, but you don't have to. You have Rewind. You simply start up Rewind, and click on the **Rewind Disk** option. You know the printer worked last night when the kids were able to print out their homework, so you choose to rewind back to the system startup event at 7:00 P.M. yesterday. You click the **Rewind** button, wait a moment for Rewind to tell you it's done its thing, then restart your machine. Your Mac starts right up so you can print again!

Scenario 2

It's Friday night and your cousin Larry calls. His iMac, the one you helped him set up last Christmas, isn't starting up, and he has no idea how to get it running again. We all know how much fun it is to do technical support over the phone, and you're looking at several hours of it. Then you remember: Rewind. You had the foresight to make him buy and install it on his machine. Now it's going to pay for itself. You tell him to calm down and hold down the **R** key while he pushes the power button. He's amazed that his Mac starts right up. You have him launch Rewind, then click on the **Rewind Disks** button, and together you choose from the list of previous events that falls closest to when he remembers it last working. He clicks **Rewind**. After a quick restart, everything is working fine. Ten painless minutes and you are Cousin Larry's hero, and able to enjoy your weekend, thanks to Rewind.

Scenario 3

Yesterday, you spent a four-hour flight building the most brilliant PowerPoint presentation ever seen for that big account you'll be visiting this morning. Unfortunately, now that you're sitting in their boardroom, your PowerBook won't start up. You keep getting some message about restarting with extensions off, but when you do that, the presentation doesn't work, and you're lacking three things you really need to troubleshoot: time, your System CD, and utility CDs. You could try getting through to the IT guy back at the office, but he's usually tied up with some other emergency. Luckily, you have Rewind. You power up your machine and hold down the **R** key and your laptop springs back to life. You launch Rewind and click on **Rewind Disks**. It only takes a moment to find the event after you saved the presentation yesterday, and click the **Rewind** button. You restart your machine and find everything works the way it should. Elapsed time: three minutes and one saved career.

Scenario 4

You've been working on a huge, complex picture in Adobe Photoshop® and just when you're finished, you decide to export a 72 dpi thumbnail of the image for your web site. But rather than renaming the file and saving a copy, you mistakenly clicked **replace** and saved the new, web quality version on top of the 300dpi original. Is the file gone forever? Not with Rewind on the job. Simply launch Rewind, and click the **Rewind Files** button. In the Modified Documents tab, select the original version of your file from the list (it's the one that says "Deleted by Adobe Photoshop"). Click **Rewind**. When Rewind prompts you to decide whether you would like to save the file in its original location or in a specified location, choose in a **specified location**, rename the file as necessary, and click **Save**. You now have both versions of the file—the original and the thumbnail.

Scenario 5

You're working on a long report and decided late last night that you could delete several large sections. Unfortunately, this morning you decide that you need them back, but it was late and you didn't make a copy of the document. But you don't have to rewrite the report. You simply launch Rewind, and click the **Rewind Files** button. In the Modified Documents tab, select the file from the list, and turn the triangle to the left of the file to expand the list of different versions of the file. Select a version of the file that existed before you saved over it late last night. Click **Rewind**, and select in a **specified location**. Select a location, rename the file and click **Save**.

Scenario 6

You received a memo from your boss as an e-mail attachment. You saved it, read it and then threw it away. Today, your boss asks you to comment on it by tomorrow and provide revisions. Can Rewind save you now? You bet. Launch Rewind. Click the **Rewind Files** button. When the Rewind Files window opens, click the **Emptied Trash** tab. Select the memo from the list of files, and click **Rewind**. Save it to a specified location (perhaps a new folder titled "Rewind saves the day") and breathe a sigh of relief.

Remember, if you select to Rewind it to the original location, it'll be back in the trash (which is where it was before you emptied the trash)!

For More Information

Please visit <http://www.poweronsoftware.com/support> for updated information on Rewind. In addition, you will be able to use our automated help system to request answers to your specific questions. This system is updated frequently, so make it your first stop in looking up information or seeking a solution to a specific problem.

You can also use this online support system to directly ask our technical support staff for help. And you don't have to waste time on the phone.

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