



Click on an item above to get more information.

Backup Screen - press the Backup button to backup the configuration of Windows98. The registry and other configuration files are backed up. A spare copy of the registry is also placed in the Windows directory.

Press the "Change Backup Preferences" to change Backup Preferences, like, the number of backups, which registry is backed up, and if the backups are compressed.

Do not press the "Backup" button if Windows98 is not running correctly. If you have not performed a Backup, you cannot restore from a backup or from the Spare Registry. If you have not made a backup and you are having problems with Windows98, try restoring the previous registry or compacting the registry.



Click on an item above to get more information.

Compact Screen - press the Compact button to compact and remove errors from the registry. It is highly recommended that you print out the instructions given before Compact is performed. Compacting is a dangerous process, but with the instructions you will be able to restore Windows98 should anything go wrong.

During the Compact process, Windows98 will quit and the registry will be exported and imported while in DOS. Then Windows98 will begin again.

WARNING - do not stop the Compact process, especially when it is importing the registry. If you quit the importing process, Windows98 will not start correctly.

If you have not downloaded the new regedit file and replaced your old one, the Compact feature will probably hang during importing. Press the "If Compact Caused an Error, Click Here" button, to get more information on downloading the new regedit file.



Click on an item above to get more information.

Restore Screen - press the Restore button to restore the configuration of Windows98. There are many ways to restore: Restore Previous Registry, Restore Spare Registry, Restore Backup Set, Restore from Diskette, and Restore Original Registry.

Restoring does not improve the registry, it only changes the registry back to how it was before. To improve the registry, try the Compact feature.

After the "Restore" button is clicked, a dialog box will be shown which will allow you to change the way you want to restore.

Press the "Change Restore Preferences" button to change restore options, like, which files to restore and which restore process to perform.



Click on an item above to get more information.

Help Screen - press the Help button to show these Help pages. You may also press <F1> to show these Help pages.

Show Startup Screen - this is the screen that is shown when WinRescue 98 is first started.

Show Compact Info - this is the screen that is shown at the beginning of the Compact process. It has important instructions for emergency restoring of Windows98.



Click on an item above to get more information.

Setup Screen - press the Setup button to show the Preferences window. Selecting one of the items from the list box will also display the Preferences window. The Preferences window has Backup Preferences, Restore Preferences, the Backup Manager, and Misc. Setup.



Click on an item above to get more information.

Boot Disk Screen - press the Boot Disk button to make a bootup diskette. The bootup diskette can be used to start DOS and run the DOS version of WinRescue 98, if Windows98 will not start up in Safe Mode. Just insert the diskette in the drive and restart the computer.

When making the bootup diskette, after you press the "Boot Disk" button, an input box will appear. Put the drive letter of the diskette and press OK. A DOS window will open. Follow the directions. The DOS window will not be finished until you answer, no, to whether you want to format another diskette or not.

After a diskette has been created, check out the new diskette. Place the diskette in the drive and restart the computer. If the DOS version of WinRescue 98 starts, then the diskette is good. Store it in a safe place.

If the diskette does not work, it may be due to a bad diskette. Try it again with a different diskette.

Boot Disk Button - press the "Book Disk" button to make a bootup diskette.

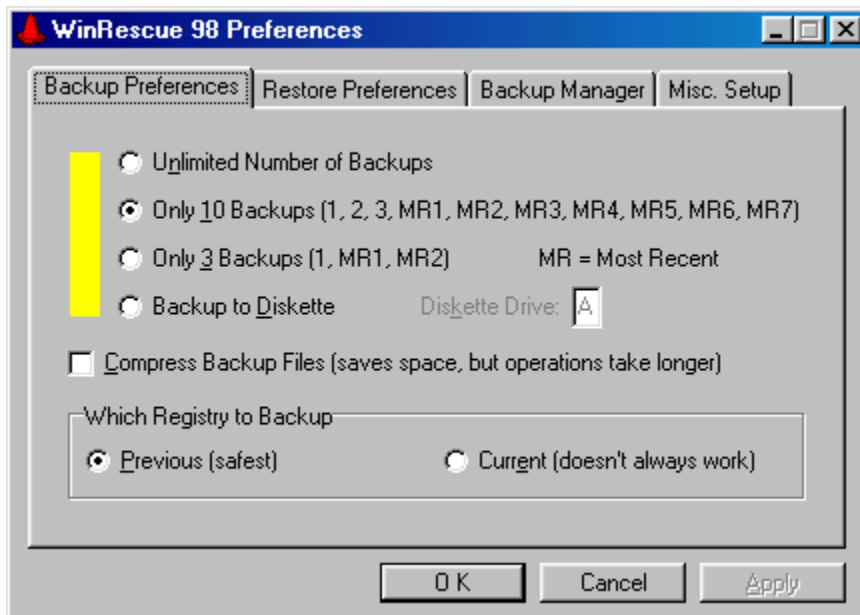
An input box will appear prompting you for the drive letter of the diskette drive (usually A or B).

Next a DOS window opens up. Follow the directions. Do not insert a diskette that has anything on it that you do not want to lose. This step will format the diskette erasing all of its contents and install system files. The DOS window is not finished until you answer, no, to whether you want to format another diskette or not. If it says it cannot make a system diskette, you need to insert another diskette and format it.

After the DOS window disappears, special files are created on the diskette.

Please check out the new diskette. Place the diskette in the drive and restart the computer. If the DOS version of WinRescue 98 starts, then the diskette is good. Store it in a safe place.

If the diskette does not work, it may be due to a bad diskette. Try it again with a different diskette.



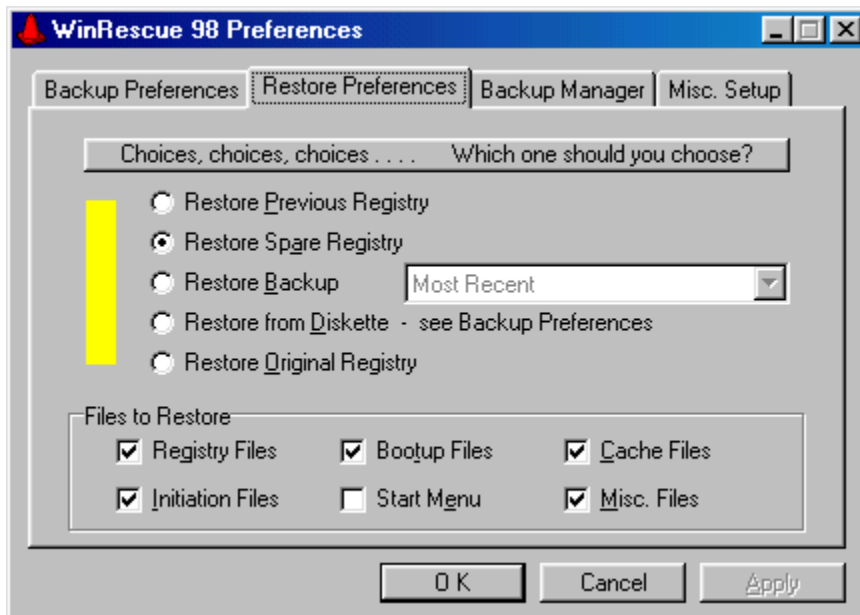
Click on an item above to get more information.

Backup Preferences Screen - allows the changing of three backup preferences: the number of backups, whether to compress the backup sets, and which registry to backup.

WARNING - backing up the current registry only works 50% of the time. If it doesn't work, you will not know until you try to restore to that backup set. Please keep some backups of the previous registry, just in case.

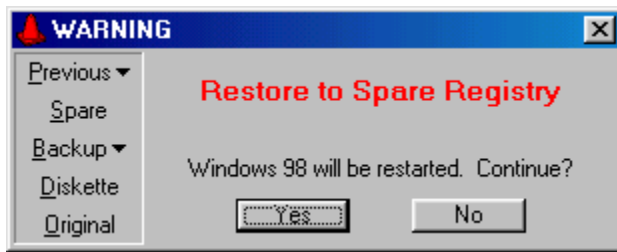
The "Backup Current Registry" option is provided for those who feel lucky.





Click on an item above to get more information.

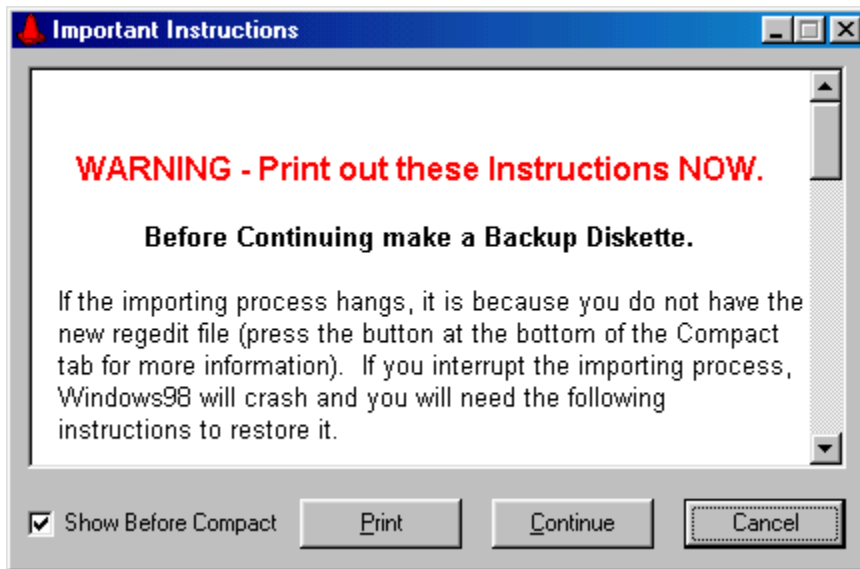
Restore Preferences Screen - allows the changing of two restore preferences: which restore method to use and which files to restore.



Click on an item above to get more information.

Restore Warning Screen - gives you a last chance to change the Restore method. The currently selected method is shown in the middle of the Restore Warning window.

On the left side of the window are the different restore methods that may be used. Selecting one will change the restore method.



Click on an item above to get more information.

Compact Warning Screen - displays important emergency restore instructions. It is highly recommended that you print out these instructions and keep them available.  
Press the Print button to print out the instructions on your printer.  
Press the Continue button to continue with the Compact process.  
Press the Cancel button to quit the Compact process.

Unlimited number of backups - adds backups to the WinRescue directory without deleting old backup sets.

Backup Button - press the "Backup" button to backup configuration files. These files will be copied to a subdirectory of your WinRescue directory. WinRescue will assign the date to the name of the subdirectory and allow you to change it if you want.

To backup to diskette you must first change the Backup Preferences.

3 Backups - with this option, only three backup sets are kept in the WinRescue directory. When a fourth backup is made, the backup set in position MR1 is deleted, MR2 is moved up to MR1 and the new backup set is put in the MR2 position. The first backup set (1) is not deleted.

10 Backups - with this option only ten backup sets are kept in the WinRescue directory. When an eleventh backup is made, the backup set in position MR1 is deleted, all the other MR's are moved up one place, and the new backup set is put in the MR7 position. The first three backup sets (1, 2, 3) are not deleted.

Backup to Diskette - pressing the Backup button (on the [Backup page](#)) compresses all configuration files and copies them to the specified drive. Unless you have an abnormally large Registry, these files will all fit on a 1.44mb diskette. Be sure to specify the drive letter of your diskette drive (A is default).



Compress Backup Files - when this checkbox is checked the backup files are compressed to approximately one third their normal size. The drawback of having backups compressed is that Backup and Restore processes take longer.

## Which Registry to Backup

Windows keeps two Registries: the previous Registry and the current Registry.

The current Registry choice is provided for those who like to live dangerously. Windows is constantly consulting and changing the current Registry. If Windows consults it while you are backing it up, your backup will be bad. You will only find out that it is bad when you try to restore from it and it doesn't work. So my advice to you is to backup the previous Registry or at least have a few on hand.

The previous Registry will not have any changes that have been made since Windows was started. If you are using this option and you want to save current changes, restart Windows98 first and then do a backup.

Saves any changes and closes the Preferences window.

Closes the Preferences window without saving any changes.

Saves any changes without closing the Preferences window.

Restore Previous Registry - causes the Restore button (in the Restore window) to restore the Previous Registry. Only the registry files and none of the other configuration files are restored.

Restore Previous Registry restores the most current backup of the registry, but it doesn't always work. Many times when Windows crashes, the Previous Registry is also corrupt. If this is the case, this method will not work.

If Windows figures out that it has crashed, it will prompt you to restore the Previous Registry. If this has happened and Windows still doesn't work you will want to skip this method.

Restore Spare Registry - causes the Restore button (on the [Restore page](#)) to restore the Spare Registry. Whenever a backup is made by WinRescue, WinRescue makes an uncompressed spare backup of the Previous Registry and places it in the Windows directory as user.ray and system.ray. This is the Spare Registry.

When Restore is performed with this method only the registry files and none of the other configuration files are restored.

Restore Backup - causes the Restore button (on the [Restore page](#)) to restore the selected Backup. The dropdown list box allows you to select which backup to restore. The top selection (Most Recent Backup) will restore the most recent backup. This method restores all of the files that are checked in the [Files to Restore](#) section.



Restore from Diskette - causes the Restore button (on the [Restore page](#)) to restore a backup from diskette. The drive letter of the diskette drive must be entered in the [Backup Preferences](#) (A is the default drive).

Restore Original Registry - causes the Restore button (on the [Restore page](#)) to restore the Original Registry. Restoring to the Original Registry is just like reinstalling Windows without spending the thirty minutes doing it. You will be prompted for a user name, time zone, etc.

This should be taken only as a last resort.

Files to Restore - these files are restored when "Restore Backup" is executed. The files are grouped into the following categories:

- Registry Files
- Initiation Files
- Bootup Files
- Start Menu
- Cache Files
- Miscellaneous Files

Registry Files - system.dat and user.dat are the Registry files. They are in the Windows directory and are hidden.

System.da0 and user.da0 are the Previous Registry files. They are also in the Windows directory and are hidden.

Initiation Files - win.ini and system.ini are initiation files consulted by the Registry. They are in the Windows directory.

Bootup Files - autoexec.bat and config.sys are the bootup files used by DOS. They are in the root directory (usually C:\).

Start Menu - start.ini is a list of files and directories in the start menu. This file is created by WinRescue and put in the WinRescue\Backup directory.

When Restore Backup is perform with this option checked, WinRescue compares all of the files and directories in the start menu with the list in Start.ini and deletes any excess.

This option is only recommended after Restore Original Registry has been performed. It will get rid of all the excess shortcuts that Windows put in the Start Menu.

Cache Files - system.cb, ShellIconCache, and ttfCache are the cache files used by Windows. They are in the Windows directory. ShellIconCache and ttfCache are hidden files.



Miscellaneous Files - msdos.sys, protocol.ini, dosstart.bat are miscellaneous files. Msdos.sys is in the root directory (usually C:\) and it is a hidden file. Protocol.ini and dosstart.ini are in the Windows directory.

List of All Backup Sets - when a backup is added to the harddrive, it is added to this list. From this list you can rename or delete the backup sets.

Heading to the Backup Column - the current number of backups on the harddrive is here. This is the heading to the column that tells the names of the Backup Sets.

Backup Sets - when a backup is made all of the files are put in a new subdirectory of WinRescue. The name of the subdirectory is listed in this column.

Full Path of Backups - the location of each backup set is listed here. This setting cannot be changed and should be the WinRescue directory.

Rename Backups - the Backups may be renamed by selecting a Backup and then either pressing the Rename button or clicking the mouse one more time. Renaming an item renames the directory.

WARNING - if you rename a backup outside of WinRescue (by with the Explorer) an error will occur when running WinRescue.

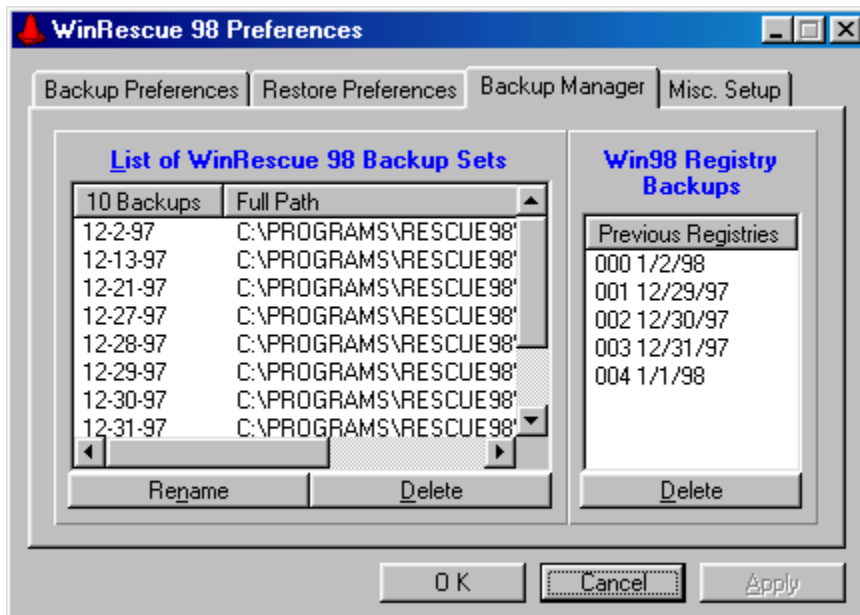
Delete Backup - to delete a Backup select the Backup and then press the Delete button. This will delete the subdirectory of that Backup and all of its files.

WARNING - if you delete a Backup outside of WinRescue (by using the Explorer) an error will occur when running WinRescue.

List of Previous Registries - an improvement over Windows95 is that Windows98 keeps backups of the five most recent registries. This box lists the numbers (for example, 000, 001, 002, etc.) and dates of the five backups.

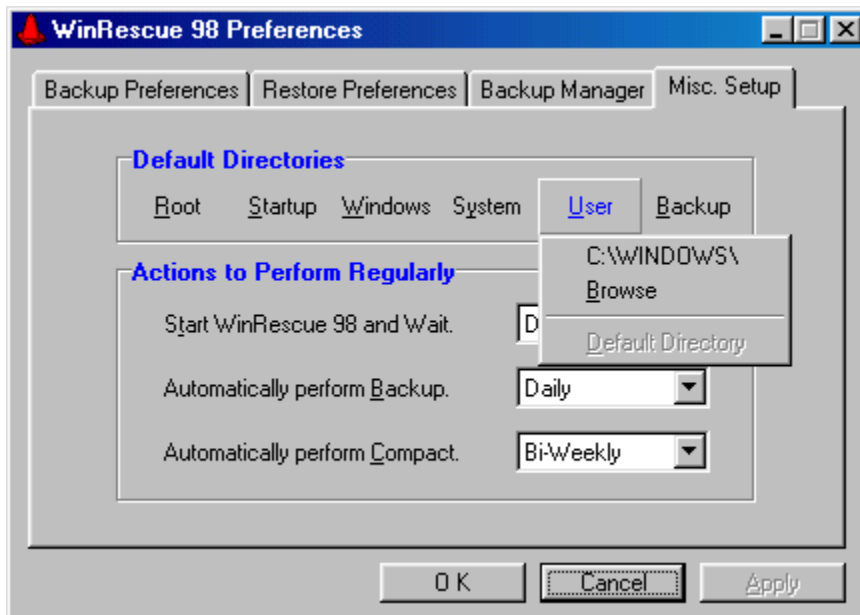


Delete Previous Registry - deletes the selected Previous Registry. If Windows98 tries to restore a previous registry and finds out that it is faulty, it will label it BAD. You can delete it here or wait for its turn to be replaced by a new previous registry. It is not recommended to delete good registries.



Click on an item above to get more information.

Backup Manager Screen - all of the Backup Sets are listed here. If you want to rename or delete a backup set, it should be done only from the Backup Manager, not from the Explorer.



Click on an item above to get more information.

Miscellaneous Preferences Screen - allows the changing of default directories and automatic startup features.

Default Directories - directories where configuration files are found. Some foreign versions and network setups of Windows may use different directories. This option allows the user to change the default directories. If WinRescue works, DO NOT change these settings. If the wrong directories are specified, WinRescue will not work correctly.

The directories that may be changed are:

**Root**  
**Startup**  
**Windows**  
**System**  
**User**

Root Directory Setting - the directory where autoexec.bat and config.sys are located.  
It is usually C:\.

When this button is clicked a submenu will appear with the following choices:

**Current Root Directory Setting**  
**Browse**  
**Default Directory**

Current Directory Setting - tells the current directory setting of the selected button.  
This item is for your information only, clicking on it will do nothing.

Startup Directory Setting - the location of the Startup directory. WinRescue consults the Registry for the location of the Startup directory, so this setting should not need to be changed.

When this button is clicked a submenu will appear with the following choices:

**Current Startup Directory Setting**  
**Browse**  
**Default Directory**

Browse - selecting this item will display an open dialog box. Find the needed file (except with the Startup directory where only a directory needs to be selected) on your harddrive, select it, and press Open. Press Cancel to keep the old directory.



Default Directory - clicking on this item will set the directory setting back to the default setting. This item is not enabled if the current directory setting is the same as the default setting.

System Directory Setting - the directory where system.dat is located. This is not necessarily the Windows\System directory.

When this button is clicked a submenu will appear with the following choices:

- Current System Directory Setting**
- Browse**
- Default Directory**

User Directory Setting - the directory where user.dat is located.  
When this button is clicked a submenu will appear with the following choices:

- Current User Directory Setting**
- Browse**
- Default Directory**

Windows Directory Setting - the directory where win.ini is located.  
When this button is clicked a submenu will appear with the following choices:

- Current Windows Directory Setting**
- Browse**
- Default Directory**

Backup Directory Setting - the directory where rb000.cab, rb001.cab, etc. are located.  
When this button is clicked a submenu will appear with the following choices:

- Current Backup Directory Setting**
- Browse**
- Default Directory**

Functions to Perform Regularly - if one of these functions is set to something besides "Do Not Perform", a shortcut in the Startup directory will check to see if it is time to perform the function every time Windows is started.

The three functions that can be performed regularly are:

Start  
Backup  
Compact

Start and Wait - at the selected interval (daily, weekly, bi-weekly, monthly, or never) WinRescue will start when Windows is started.

If you want to perform one of the other options and want WinRescue to remain open after the operation is performed, set this frequency at the same time and to the same frequency as the other operation.

Automatically Perform Backup - at the selected interval (daily, weekly, bi-weekly, monthly, or never) WinRescue will start and perform a backup when Windows is started.

If you have registered WinRescue and are not displaying the startup screen, this function will be automatically performed at the selected interval without the need for any input by you. If you want WinRescue to remain running after this operation is performed, set the "Start WinRescue 98 and Wait" function.



Automatically Perform Compact - at the selected interval (daily, weekly, bi-weekly, monthly, or never) WinRescue will start and compact the Registry when Windows is started.

If you have registered WinRescue and are not displaying the startup screen, this function will be automatically performed at the selected interval without the need for any input by you. If you want WinRescue to remain running after this operation is performed, set the "Start WinRescue 98 and Wait" function.

Closes the Compact Error Information window.

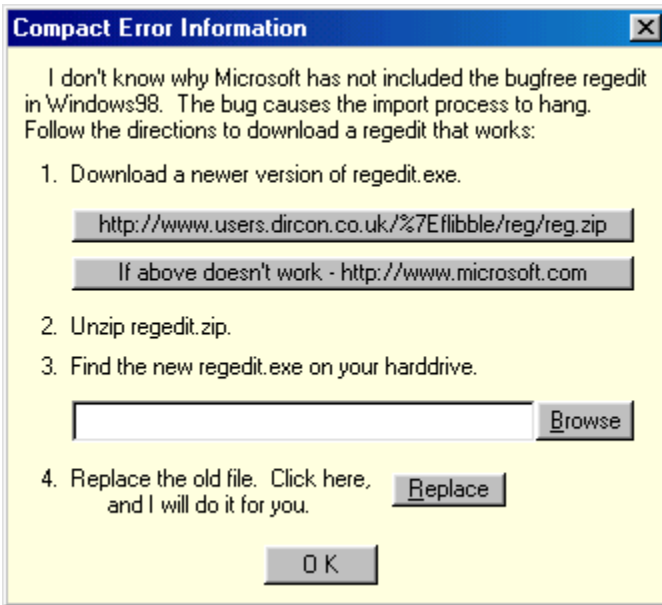
Download Regedit - pressing one of these buttons will open your default browser (if you have one), go to the stated site, and download a newer version of regedit.

The first site will be operational until Microsoft makes the newer version available on its web site. So try the first button first and if it doesn't work, then go looking on Microsoft's website.

Unzip Regedit - the downloaded regedit may be zipped. If so unzip it.

Find Downloaded Regedit - use the browse button to find where your browser downloaded the new version of regedit to on your harddrive. Do not select the one in the Windows directory. This is the old one.

Replace Old Regedit - if you have done the first two steps, clicking the Replace button will copy the new regedit over the old one.



Click on an item above to get more information.

Starts WinRescue 98.



Quits WinRescue 98.

Do Not Show This Form - when WinRescue is registered, this checkbox is enabled allowing the user to skip the startup screen.

Registration Key - when you register WinRescue, you will receive a number. Enter it in the Registration Key text box on the startup screen. Be sure to enter exactly as it is written. When you press, "Continue", WinRescue will acknowledge whether it is correct or not. If it is correct, the "Do Not Show This Form" checkbox will be enabled next time the startup screen is displayed. If the Registration Key is not correct, WinRescue will be terminated.

You may use WinRescue for 30 days by not entering a number.

If you have already registered an earlier version of WinRescue, send me your name and the date when you registered WinRescue. If you are indeed a registered user, I will send you the Registration Key. My email address is [geide@superwin.com](mailto:geide@superwin.com).

Countdown - sorry. Register WinRescue and you will never see this countdown again, otherwise wait ten seconds.

**WinRescue 98**

**WinRescue**  
Version 1.00 1/01/98  
© Copyright 1997 by Ray Geide  
Super Win Software  
<http://superwin.com>  
[geide@superwin.com](mailto:geide@superwin.com)

**7** **WinRescue 98 is only for Windows98.**  
**Use WinRescue 95 for Windows95.**

This program is Shareware, you may evaluate it for a period of no more than 30 days. After this time you must register it by calling 1-800-242-4775 ext. 15510 or by going to <http://www.superwin.com/rescue.htm>. Registration price is \$19.95.

Failure to comply with this condition is a violation of United States and international copyright law. This program is fully functional, however registering entitles you to receive the registration key and gets rid of this nag screen. Please register.

See instructions to the right for registering.

Do Not Show This Form.

Enter Registration Key below:

Click on an item above to get more information.

## **WinRescue Features**

- Provides FIVE different ways to restore the Registry.
- Makes a Special Bootup Diskette.
- Backs up Thirteen different files.
- Makes UNLIMITED backups.
- Puts all backup files in one directory.
- Compacts the Registry.
- Backs up to diskette.
- Compresses backups.
- Easy Help (just press <F1>).

## **WinRescue Does Not**

- Enter the Registry or change the Registry in any way.
- Alter files used by the Registry (except in Compact).
- Backup any of the Windows 98 Program files.
- Backup any other program files.

## **How to Backup**

Push the Backup button on the [Backup page](#).

## **How to Compact**

Push the Compact button on the [Compact page](#).

## **How to Restore in Windows**

Push the Restore button on the [Restore page](#). From the dialog box you can choose from any of the Restore options or use the one which is already selected.

## **How to Restore in DOS**

This one is a little harder.

When you first get WinRescue 98, make a bootup diskette by pressing the Boot Disk button. To restore in DOS, insert the diskette in the diskette drive and restart the computer. When the DOS version of WinRescue 98 starts, select the second option.

## **How to Get Help**

Push the Help button on the [Help page](#) or press <F1>.

## **How to Change Settings**

Push the Setup button on the [Setup page](#).

Previous Button - changes the Restore Method to Restore to Previous Registry.



Spare Button - changes the Restore Method to Restore to Spare Registry.

Backup Button - displays a submenu with all the saved backups. Select one to change the Restore Method to Restore to Backup.

Diskette Button - changes the Restore Method to Restore from Diskette.

Original Button - changes the Restore Method to Restore to Original Registry.

Show Checkbox - when the checkbox is checked the Compact Warning Screen will be displayed before the Compact Process is executed.

The checkbox may be rechecked by displaying the screen from the Help Page located on the Main Windows.

Executes the Restore Method displayed.

Cancels the Restore Process.

Message - this is an important message concerning the Compact Process. I suggest that you print this information and keep it in a safe place. It describes how to Restore in DOS. [Click Here to read the Message.](#)



Scrolls through the Important Information.

Continues the Compact Process.

Prints the Message on your Printer.

Cancels the Compact Process.

## **WARNING - Print out these Instructions NOW.**

### **Before Continuing make a Backup Diskette.**

If the importing process hangs, it is because you do not have the new regedit file (press the button at the bottom of the Compact tab for more information). If you interrupt the importing process, Windows98 will crash and you will need the following instructions to restore it.

## **How to Restore the Registry in DOS**

**The easiest way to restore in DOS is to use the bootup diskette, that WinRescue 98 creates. If you didn't make a bootup diskette, you can do it the hard way outlined below.**

### **To Get Into DOS**

- Press <F8> when your computer says, "starting Windows98".
- From the list select, Safe mode command prompt only. This should be number 7.

### **Running rescue.exe in DOS**

- Go to C Drive by typing, **C:<ENTER>**. (<ENTER> means to press the Enter key)
- Change to the root directory by typing, **CD\<ENTER>**.
- Run rescue.exe by typing, **rescue<ENTER>**.
- In the DOS version of WinRescue 98 choose the second option, Spare Registry..

### **If the DOS version Doesn't Work:**

- Go to the Windows Directory
- Change drives by typing the drive letter, colon [:], and <ENTER>.
- Change to the root directory by typing, **CD\<ENTER>**.
- Change to directories by typing, **CD**, the name of the directory, and <ENTER>.
- Find out what is in a directory by typing, **DIR<ENTER>**.
- Type the Following Commands to Restore the Registry to the Spare Registry (produced by WinRescue 98 when you make a backup)
  - command\attrib -h -r -s user.dat<ENTER>** (if this produces an error, you need to find out where attrib.exe is and type that location instead of command\attrib)
  - command\attrib -h -r -s system.dat<ENTER>**
  - command\attrib -h -r -s user.ray<ENTER>**
  - command\attrib -h -r -s system.ray<ENTER>**
  - copy system.ray system.dat<ENTER>**
  - copy user.ray user.dat<ENTER>**
  - exit or win** (to start Windows98)

Moves the WinRescue 98 window when the left mouse button is held down and moved.

Minimizes the WinRescue 98 window.

Exits WinRescue 98.



Compact Button - press the "Compact" button to compact or compress Windows98's Registry. It is recommended to compact the Registry at regular intervals. Without compacting the Registry, no matter how many changes you make to the Registry, it will never become smaller. The changes that are made become excess mush in the Registry that is only removed by compacting it. Compacting the Registry may also correct some problems and cause Windows98 to run smoother.

The first time you compact the Registry, watch what the computer does in DOS. If an error occurs, you must update your regedit file. Press the "If Compact Caused an Error, Click Here" button to display instructions and helps to update the regedit file.

Restore Button - press the "Restore . . ." button to restore Windows98's configuration to a previous configuration. This is achieved by copying previously saved configuration files back to the configuration files. Exactly which files will be used depends on the Restore Preferences.

Help Button - press the "Help" button to display Help.  
<F1> may be pressed at anytime to display help relevant to the active control.

Setup Button - press the "Setup" button to display the Setup and Preferences window.

Setup Listbox - double click on one of the items in the list box to display its corresponding settings. The following items are available in the listbox:

- Number of Backups**
- Compress Backups**
- Which Registry**
- Backup to Diskette**
- Restore from Diskette**
- Method of Restore**
- Files to Restore**
- Delete Backups**
- Rename Backups**
- Default Directories**
- Auto Start Frequency**
- Auto Backup Frequency**
- Auto Compact Frequency**

## Which Restore Option to Use

There are five Restore Options to choose from: Original, Backup Set, Diskette, Spare, and Previous. Choosing which option to use may seem overwhelming. Here is my advice:

*It is best to run WinRescue 98 in Windows 98 than in DOS.*

### In Windows 98:

Use Previous if . . .

- you want to restore to how Windows98 was last time it ran.
  - Windows 98 has not already tried to restore itself.
- Notice - the Previous backup is often corrupt.

Use Backup or Diskette if . . .

- you have backed up recently.
- you do not want to risk the possibility of Previous not working.
- Windows 98 has already tried to restore itself.
- you want to make a full restore.
- you want to go back to a certain previously saved configuration.

Use Spare if . . .

- you have deleted all of the Backup Sets and Previous doesn't work.

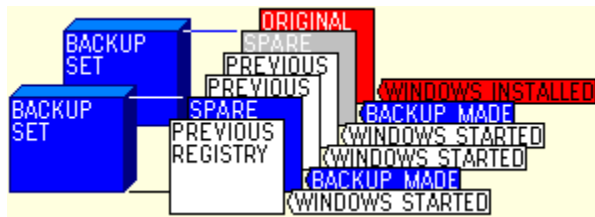
Use Original if . . .

- nothing else works.

### In DOS:

Backup and Diskette are not available in the DOS version. You can always use one of the other options to get into Windows 98, and then perform a Backup or Diskette Restore.

The chart below shows the different types of backups and when each are made.



Previous - when Windows98 is started it checks to see if the registry is good. If it thinks that the registry is good, it makes a copy and puts it in the Previous position. Windows98 keeps five of the most recent Previous registries. The problem is that Windows98 doesn't always detect a corrupt registry and so sometimes the Previous registry may be bad. When Windows98 detects that a Previous registry is bad, it will relabel it as BAD.

Spare - every time WinRescue 98 performs a Backup it places a spare copy of the registry in the Windows directory. So the Spare registry is a copy of the registry when it was last backed up. Note - the Spare option only restores the registry and not the other configuration files backed up by WinRescue 98.

Backup Set - WinRescue 98 backs up 13 configuration files. These are put in a subdirectory of WinRescue 98. Backup Sets cannot be restored in the DOS version of WinRescue 98.

Diskette - this is the same as the Backup Set except that the 13 files are compressed onto a diskette. If the registry is too big, it may not fit on the diskette. Diskette Backups cannot be restored in the DOS version of WinRescue 98. If you cannot get into Windows98,

you must use one of the other Restore options. Then when you get into Windows98, you can use this Restore option.

Original - Windows98 saves a copy of the Original registry. This option will start Windows98 at the very beginning. Windows98 will ask all of the initiation questions. You should never have to use this Restore option.





