

Notes:
(1) Repairs permissions on boot volume.
(2) Repairs structure of hard drives, including Extents Overflow file, Catalog file, Catalog hierarchy, volume bitmap, volume information.
(3) Removes dead space between file fragments and moves file fragments together.
(4) Checks hardware integrity of hard drive.
(5) Checks hardware integrity of system including CPU, memory, controllers and power supply.
(6) Empties trash of stuck files when can't be emptied normally.
(7) Cleans out corrupted or stale cache settings.
(8) Move file of RAM data on your hard drive. Normally on boot volume. ( <a href="http://www.techtv.com/screensavers/macintosh/story/0,24330,3406353,00.html">http://www.techtv.com/screensavers/macintosh/story/0,24330,3406353,00.html</a> ) (No longer supported. See web site.)
(9) Recover lost or deleted data.
(10) Create bootable backups from existing system.
(11) Journaling allows the system to recover more easily from crashes and protect against corruption by having a "journal" (a buffer where changes are first made and then afterwards written to disk). ( <a href="http://www.macosxhints.com/article.php?story=2002111200220086">http://www.macosxhints.com/article.php?story=2002111200220086</a> )
(12) The Finder saves folder view options, icon positions, and other visual information about folders for each window in an invisible file called .ds_Store located in it's directory. Rebuild by deleting. ( <a href="http://www.macosxhints.com/article.php?story=20030305025744788">http://www.macosxhints.com/article.php?story=20030305025744788</a> )
(13) Prebinding speeds up application launch by creating a "list" of what files needed to launch an application, where they reside on the disk, and the order they need to be read and loaded. Only needed after loading a new application. ( <a href="http://www.knowngoods.org/macosx/prebinding.html">http://www.knowngoods.org/macosx/prebinding.html</a> )
(14) Each application's window is buffered in memory that uses RAM. When redrawing the screen, OS X has to retrieve the data for each window. Compressing windows speeds up screen redraws. ( <a href="http://www.macosxhints.com/article.php?story=20011008024501793">http://www.macosxhints.com/article.php?story=20011008024501793</a> )
(15) Enable/Disable Mac OS X startup items. (fonts, keyboard, kernel extensions, system files,...)
(16) Set network card speed (10/100mb) and duplex setting (half/full) to match LAN.
(17) Have DHCP server give you a new IP address. ( <a href="http://www.macosxhints.com/article.php?story=20030212063233111&amp;query=dhcp+renew">http://www.macosxhints.com/article.php?story=20030212063233111&amp;query=dhcp+renew</a> )
(18) Change TCP packet size to optimize network communications.
(19) Delete files used by other languages in other countries.
(20) Manually run daily, weekly & monthly maintenance, normally done at night if computer is left running.
(21) Makes back up of a user's ~/Library/Preferences folder, browser preferences and addressbook for safety in the event of corruption .
(22) Repairs 16 most common printing problems.
(23) When OS X appears hung (spinning pizza), often the front most application is hung and this will kill it. (Part of Panther OS.)
(24) When connected to a network, the DHCP will assign setting to your computers including: IP address, DNS server, subnet mask, gateway IP, domain name, IP lease time, etc. Most settings can't be seen except by using a 3rd party utility.

<b>URLs:</b>	
<b>Disk Warrior</b>	<a href="http://www.alsoft.com/DiskWarrior/">http://www.alsoft.com/DiskWarrior/</a>
<b>Norton System Works</b>	<a href="http://www.symantec.com/nu/nu_mac/">http://www.symantec.com/nu/nu_mac/</a>
<b>System Optimizer X</b>	<a href="http://www.mkd.cc/sox/">http://www.mkd.cc/sox/</a>
<b>MOX Optimize 2</b>	<a href="http://users.skynet.be/cefs/alex/vente/">http://users.skynet.be/cefs/alex/vente/</a>
<b>Panther Cache Cleaner</b>	<a href="http://www.northernsoftworks.com/panthercachecleaner.html">http://www.northernsoftworks.com/panthercachecleaner.html</a>
<b>OnyX</b>	<a href="http://www.titanium.free.fr/us/onyx/index.html">http://www.titanium.free.fr/us/onyx/index.html</a>
<b>Xupport</b>	<a href="http://www.computer-support.ch/Xupport/">http://www.computer-support.ch/Xupport/</a>
<b>Cocktail</b>	<a href="http://www.macosexcocktail.com/">http://www.macosexcocktail.com/</a>
<b>Mac Pilot</b>	<a href="http://www.koingosw.com/products/mac_pilot.shtml">http://www.koingosw.com/products/mac_pilot.shtml</a>
<b>SwapCop</b>	<a href="http://homepage.mac.com/jschrier/">http://homepage.mac.com/jschrier/</a>
<b>Carbon Copy Cloner</b>	<a href="http://software.bombich.com/cccl.html">http://software.bombich.com/cccl.html</a>
<b>Computer Guardian</b>	<a href="http://www.subrosasoft.com/thestore/default.php">http://www.subrosasoft.com/thestore/default.php</a>
<b>VirtualLab Data Recovery</b>	<a href="http://www.binarybiz.com/vlab/">http://www.binarybiz.com/vlab/</a>
<b>Drive 10</b>	<a href="http://www.micromat.com/drive_10/drive_10_introduction.html">http://www.micromat.com/drive_10/drive_10_introduction.html</a>
<b>TechTool X</b>	<a href="http://www.micromat.com/tt_pro_4/tt_pro_4.html">http://www.micromat.com/tt_pro_4/tt_pro_4.html</a>
<b>Back Up User Prefs</b>	<a href="http://www.m-t-software.com/software-backup.html">http://www.m-t-software.com/software-backup.html</a>
<b>Print Center Repair</b>	<a href="http://www.fixamac.net/">http://www.fixamac.net/</a>
<b>Escape Pod</b>	<a href="http://www.ambrosiasw.com/utilities/freebies/">http://www.ambrosiasw.com/utilities/freebies/</a>
<b>MacJanitor</b>	<a href="http://personalpages.tds.net/~brian_hill/macjanitor.html">http://personalpages.tds.net/~brian_hill/macjanitor.html</a>
<b>Macaroni</b>	<a href="http://www.atomicbird.com/">http://www.atomicbird.com/</a>