

Keeping Your Mac Happy



Routine Maintenance

Minor Troubleshooting

Major Repair

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BACKUP!!!!!!!

- Backup
<http://www.apple.com/dotmac/backup.html>
- Time Machine (Leopard OS X 10.5)
<http://www.apple.com/macosx/leopard/timemachine.html>
- Retrospect
<http://www.emcinsignia.com/products/smb/retroformac/>
- Super Duper
<http://www.shirt-pocket.com/SuperDuper/SuperDuperDescription.html>
- Carbon Copy Cloner
<http://www.bombich.com/software/ccc.html>
- MacVoices Podcast
<http://www.macvoices.com/wordpress/macvoices-728-joe-kissells-latest-updates-on-backing-up-your-mac>



Routine Maintenance

- Restart
- Repair permissions – Disk Utility or Terminal
- Disk Repair – Disk Utility or fsck
- Software Update
- Delete log and cache files
- Delete unnecessary applications
- De-munge – blow, don't suck

<http://www.pcmec.com/show/troubleshoot/827/>

<http://www.wikihow.com/Clean-the-Inside-of-a-Computer>

<http://www.directron.com/cleaning.html>

<http://www.mhc.ab.ca/services/educational-technology/resources/cleaning.htm>

<http://www.computerhope.com/cleaning.htm>

- Battery Care

<http://www.apple.com/batteries/notebooks.html>

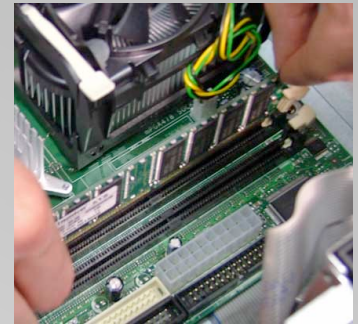
<http://www.apple.com/batteries/>

- System Optimization (pre-binding)

http://www.unsanity.org/archives/mac_os_x/shock_and_awe.php

- Defragmentation

<http://www.kernelthread.com/mac/apme/fragmentation/>



Routine Maintenance Apps

- Cocktail
<http://www.maintain.se/cocktail/>
- Onyx / Maintenance
<http://www.titanium.free.fr/pgs2/english/download.html>
- Macaroni
<http://www.atomicbird.com/>
- MacJanitor
http://personalpages.tds.net/~brian_hill/macjanitor.html
- AppZapper
<http://www.appzapper.com/>
- Service Scrubber
<http://www.manytricks.com/servicescrubber/>
- SMARTReporter
<http://homepage.mac.com/julianmayer/smartreporter/index.html>
- SuperEmptyTrash
<http://www.faqintosh.com/risorse/en/sys/setrash/>
- Trash It
<http://www.nonamescriptware.com/forums/index.php?&act=Downloads&CODE=02&id=7>
- Monitoring:
 - Menu Meters
<http://www.ragingmenace.com/software/menumeters/>
 - iStat Nano / iStat Pro Widget
<http://www.islayer.net/>
 - Activity Monitor (or top in terminal)



What about viruses?

There are *NO* viruses that can infect a Mac running OS X.

Zero. None. Nada. ないぞ。

Really.*

**Unless, of course, you are running Windows or Vista on an Intel Mac.*

I mean it. Really.

- Lack of Apple Malware Baffles Expert
<http://macdailynews.com/index.php/weblog/comments/13031/>
- OS X Malware Not Taking Off Yet
<http://www.avertlabs.com/research/blog/?p=224>

Minor Troubleshooting



- Restart
- Repair Permissions – Disk Utilities or Terminal
<http://docs.info.apple.com/article.html?artnum=302672>
- But is this just voodoo?
<http://www.macfixit.com/article.php?story=20060413075624652>
<http://www.macfixit.com/article.php?story=20060417090217375>
- Disk Repair in Disk Utilities or fsck
- Move/delete application preferences (including Finder preferences)
- Virgin user account

Danger, Will Robinson!

- Audible “communication” from drives
- Lost or corrupt data

ACT IMMEDIATELY!

1. Backup
2. Run Disk Utility or other repair utility
3. Replace Hard Drive



Troubleshooting Resources



- Maintenance Quick Assist (useless)
<http://docs.info.apple.com/article.html?artnum=303602>
- Getting Started
<http://www.apple.com/support/mac101/>
- Troubleshooting Tutorial
<http://www.apple.com/support/panther/tutorials/troubleshooting/index.html>
- Troubleshooting 101
<http://www.apple.com/support/mac101/>
- Forcing maintenance tasks
<http://docs.info.apple.com/article.html?artnum=107388>
- Quick Assist
<http://www.apple.com/support/quickassist/>
- Apple Support
<http://www.apple.com/support/>
- Mac OS Hints
[http://www.macintoshhints.com/ /](http://www.macintoshhints.com/)
- MacFixIt
[http://www.macfixit.com/ /](http://www.macfixit.com/)
- Mac-L Digest
<http://www.listmoms.net/lists/mac-l/>

Advanced Troubleshooting Resources



- **fsck**
<http://docs.info.apple.com/article.html?artnum=106214>,
- **Pseudo** (sudo – get it?)
http://personalpages.tds.net/~brian_hill/pseudo.html,
- **Pacifist**
<http://www.charlessoft.com/>,
- **Preferential Treatment**
<http://www.jonn8.com/html/pt.html>
- **PrefEdit.app**
<http://www.bresink.de/osx/0PrefEdit/details.html>
- **Printer Setup Repair**
<http://www.fixamacsoftware.com/software/psr/>

Major Repair

- Disk Utility
<http://docs.info.apple.com/article.html?artnum=302672>
- Drive Genius
http://www.prosofteng.com/products/drive_genius_info.php
- Disk Warrior
<http://www.alsoft.com/DiskWarrior/>
- TechTool Pro
<http://www.micromat.com/>
- Apple Genius Bar Shinsaibashi
<http://www.apple.com/jp/retail/shinsaibashi/map/index2.html>
- KMUG Tech Wizards
<http://fc.kmug.org/Login/KMUG%20Conferences/KMUG%20Mac%20Tech%20Wizards/>
- Colin
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Summary

- Backup!!!!
- Restart
- “Repair Permissions” using Disk Utility or Terminal
- “Repair Disk” using Disk Utility (or fsck single-user mode)
- Software Updates
- Clean keyboard and internals (on desktops)
- Viruses? What viruses?.
- Delete cache and log files using a trusted utility (or Terminal, if you know what you’re doing)
- Temporarily delete problematic Preference Files
- Create a new user account
- Archive and Install
- Erase disk and Re-install

Questions, contributions...



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