

MY PC IS RUNNING SO SLOW

Source and Seeker activity

Presentation to Prof. Francesco Calabrese

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Factor that can cause a PC to run Slowly



Factors that can cause a PC to run Slowly

- Unnecessary *Startup* Programs Running in the Background
- Hard Disk Fragmented & in Need of Being Defragmented
- Hard Disk Errors May Be Corrected with "Check Disk"
- Hard Disk Needing "Clean Up"
- Adware & Spyware
- Windows Registry Issues
- Viruses
- Anti-Virus Security Programs
- Your PC May Need More RAM
- Etc.....

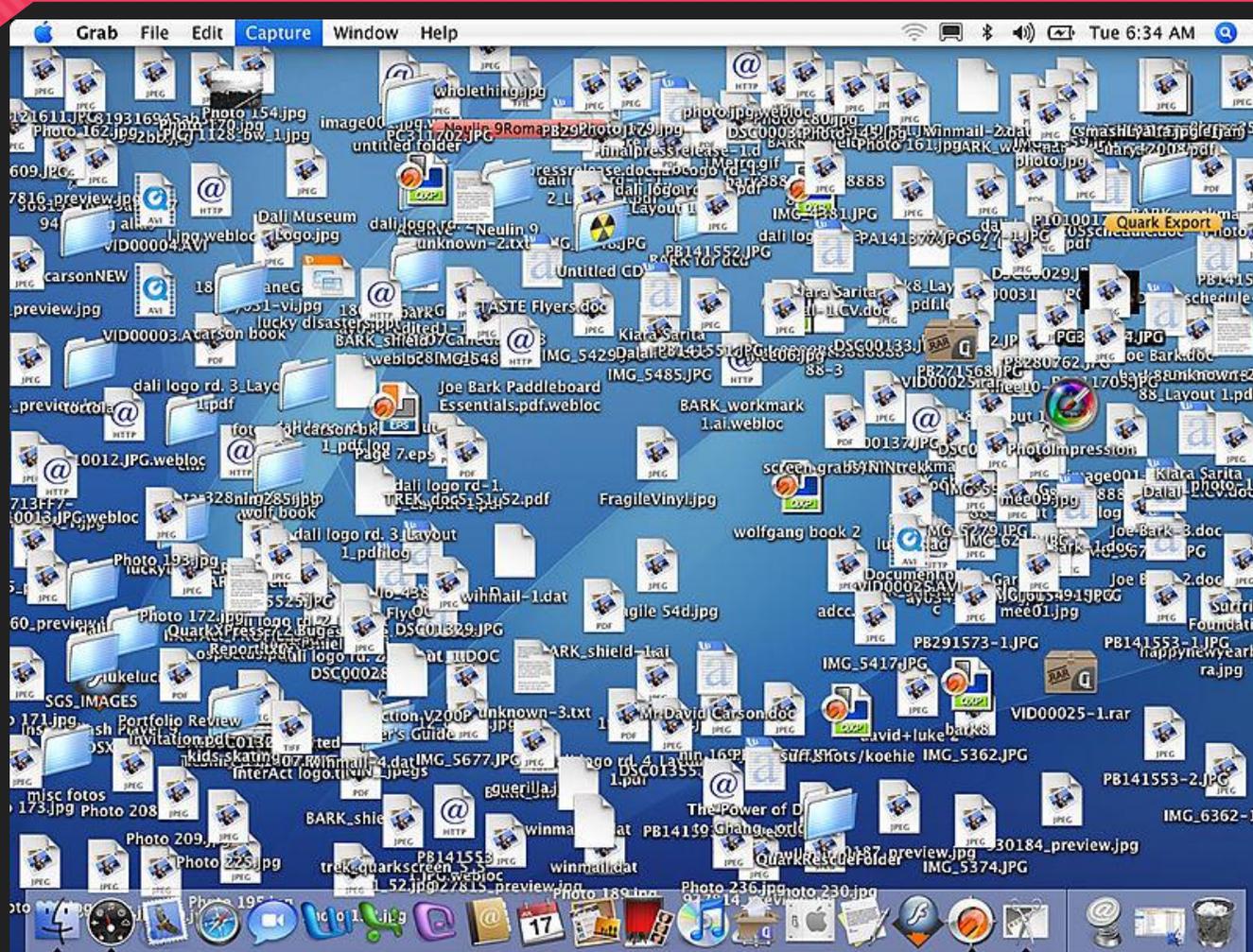
Let's make it run faster!!!



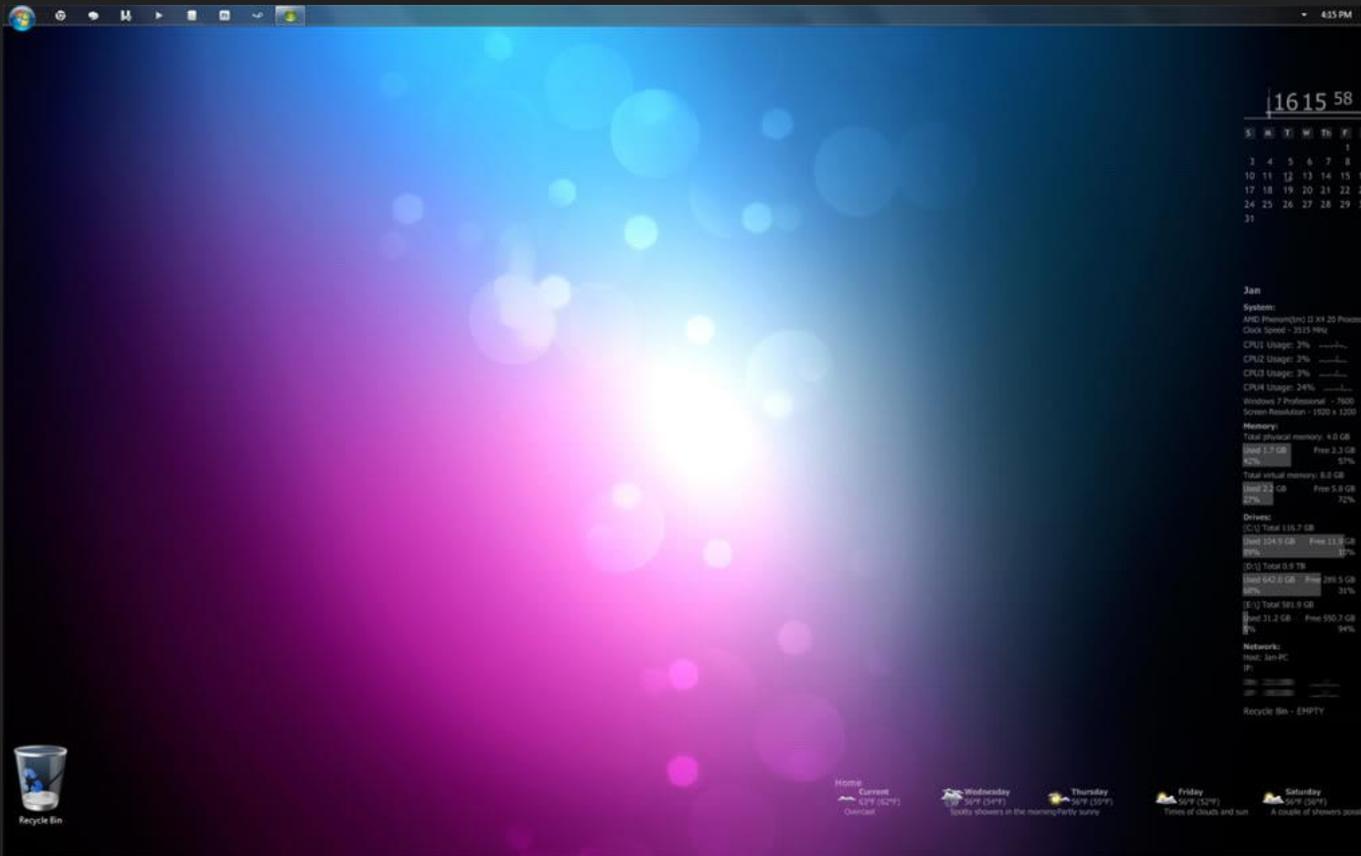
5 Tips for First Aid



I Know you have a lot of Icon on your desktop, right?



1. Let's sweep 'em out!



So, Clean! 😊

Let's Bring the file to Drive C or D

The number of files on your desktop will slow down boot up time.

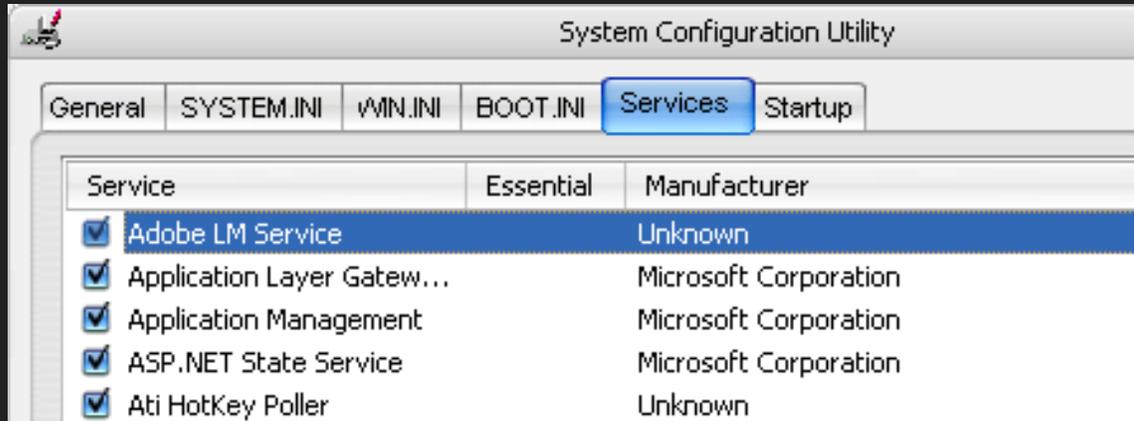
Shortcuts cause bigger performance drops than the actual file. Due to Windows must read the shortcut link, move the heads of the drive to the real file, read the file, determine the icon, then display the icon on the shortcut.

2. Stop *Startup* Programs Running in the Background



1. Click on Start
2. Type “msconfig” to the box Msconfig
3. Select “msconfig”
4. Then you will see new window pop up

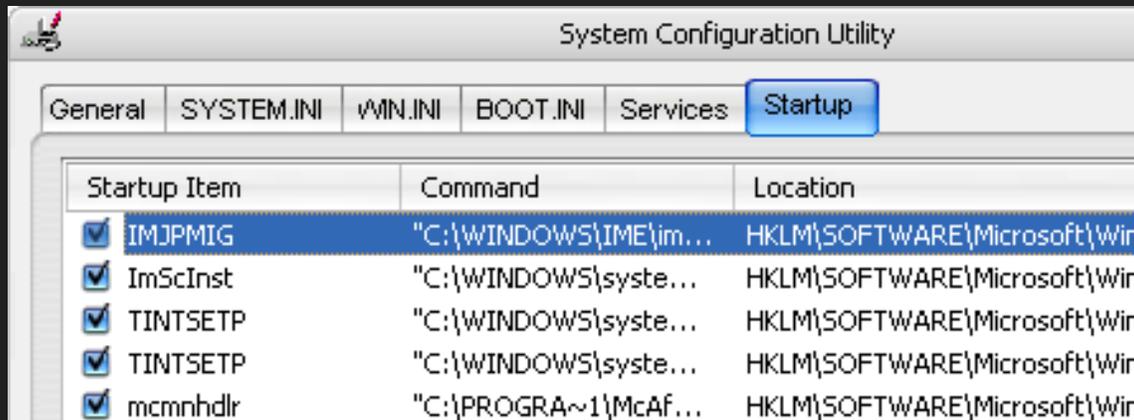
2. Stop *Startup* Programs Running in the Background



5. New window pop up, go to **Services** and **Startup** tap

For **Services** tab

Remove anything you think unnecessary to be there. But don't remove the Microsoft corporation service.



For **Startup** tab

Remove the software or application you don't to load at startup.

2. Stop *Startup* Programs Running in the Background

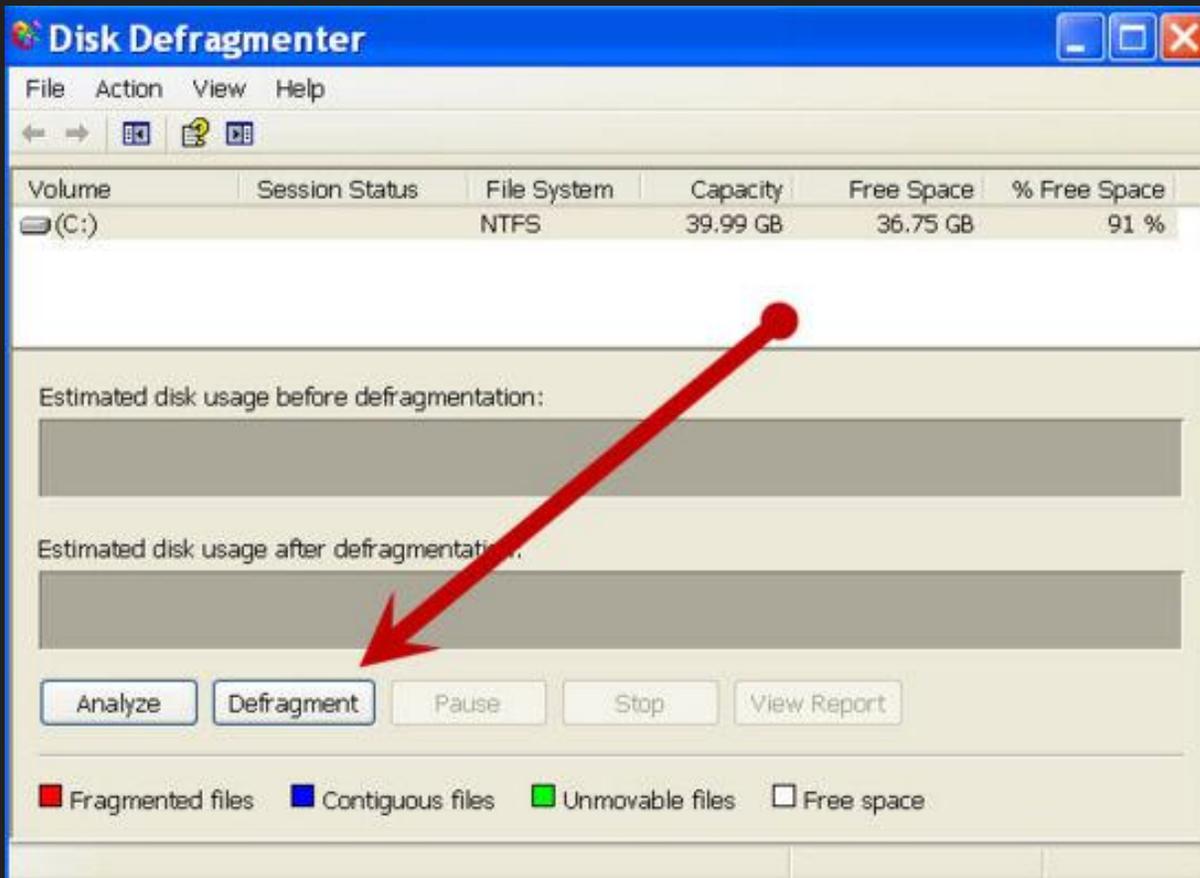


Messed Up? Don't worry 😊

Just Go to general tab and select Normal startup

Then, everything will back to the Default 😊

3. Defragment your PC



Click Start > All programs > Accessories > System tools > Disk Defragmenter

When the Disk Defragmenter window pops up, click Defragment

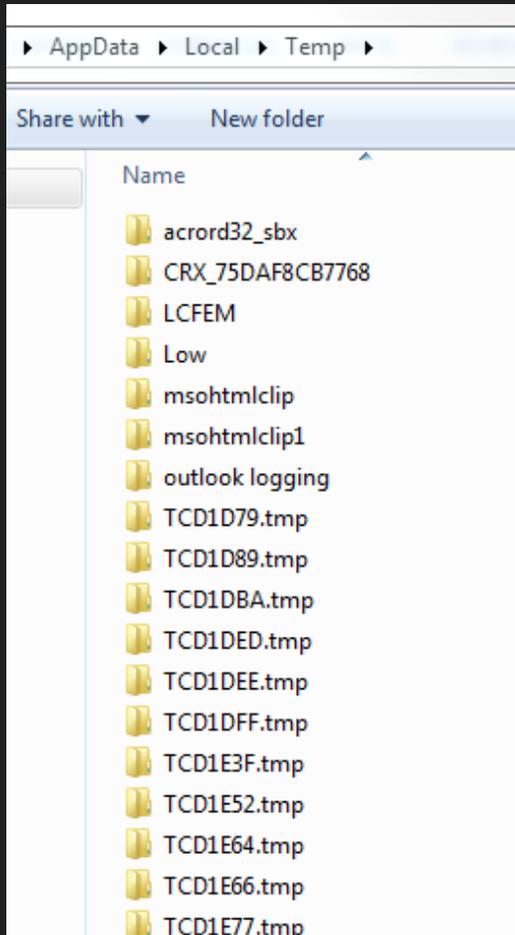
This should be done at least once per week, or more often if the PC is used heavily.

Choose "Defragment" to let the utility clean up fragmented files and consolidate free space on the drive.

4. Delete Temporary Files (.tmp file)

- What's .tmp file
 - It's a files created to temporarily contain information while a new file is being made.
- Removing temporary files can help save disk space and keep your PC clean of file clutter.
- But...Where are they???

4. Delete Temporary Files



1. Click on Start, at the command box type `%temp%` ... There you go.
2. You will see the window like picture in your left hand side, select all those file.
3. Bring it to your recycle bin and empty your bin 😊
4. BYE BYE Temporary file

5. Shut Down



Is your PC always in sleep mode?

If yes, we need to shut it down!



5. Shut Down

○ Why???

Shutting down the system will have the operating system forget which memory locations aren't free, so on the next boot, all memory locations are free to use!

I hope this
presentation will
help your PC run
faster!



Thank you 😊