



Christmas Presents for your PC

BEAST SIG

Dec-2016

Agenda

- Backups
- Quick Clean
- Performance Issues
- Physical Clean
- Hardware Upgrades
- Removing Old Programs
- Duplicate Files
- Software Additions

Backups

- Critical first steps . . .
- Maybe use Macrium Reflect or True Image
- Image Backup System and Data
 - preferably to an External HD (later disconnected)
 - then provides Crypto-Locker protection
- Create CD or USB Recovery Disk
 - know how to boot from it, and prove it works OK
- Create System Restore Point
 - via Control Panel / Recovery / Configure System Restore

Quick Clean

- Run CCleaner (free sw)
 - clears Recycle Bin, Temp files, Browser Cache
 - maybe do a Registry Clean (use Backup option !)
- Run MalwareBytes (or equivalent)
 - Scan for any lurking virus components
 - Scan / Remove PUPs (Potentially Unwanted Programs)
 - . . . ADW now part of MalwareBytes
- Maybe run Spy-Bot S&D as 2nd opinion . . .



CCleaner Free

v5.25.5902 (64-bit)

Windows 10 Pro 64-bit

Intel Core2 Duo CPU E6850 @ 3.00GHz, 4.0GB RAM, NVIDIA GeForce GT 610



Cleaner



Registry



Tools



Options



Windows

Applications

Microsoft Edge

- Internet Cache
- Internet History
- Cookies
- Download History
- Session

- Recently Typed URLs
- Saved Form Information
- Saved Passwords

Internet Explorer

- Temporary Internet Files
- History
- Cookies

- Recently Typed URLs
- Index.dat files
- Last Download Location
- Autocomplete Form History
- Saved Passwords

Windows Explorer

100%



Analysis Complete - (4.702 secs)

14.5 MB to be removed. (Approximate size)

Details of files to be deleted (Note: No files have been deleted yet)

	Internet Explorer - Temporary Internet Files	5,124 KB	3 files
	Windows Explorer - Recent Documents	3 KB	6 files
	Windows Explorer - Thumbnail Cache	22 KB	6 files
	System - Windows Log Files	9,728 KB	19 files
	Firefox - Internet Cache	Skipped	
	Firefox - Internet History	Skipped	
	Firefox - Session	21 KB	5 files
	Applications - Office 2010	2 KB	3 files

Analyze

Run Cleaner

Performance






- Un-needed Start-Up programs
 - For Win-7, use Msconfig . For Win-8 +, use Task Manager
 - use Google to clarify need (most = No)
 - disable un-needed start-up programs (eg. Adobe Updater)
- Use Task Manager to identify bottlenecks
 - sort columns to show biggest jobs / tasks
 - usually CPU and paging (ie. Memory shortage)
 - may need Resource Monitor to show files in use
 - can kill tasks seperately to see effect

Task Manager

Win 8 onwards

File Options View

Processes Performance App history **Start-up** Users Details Services

Name	Publisher	Status ^	Start-up impact
 Cool Beans System Info	Cool Beans Software	Enabled	Not measured
 Classic Start Menu	IvoSoft	Enabled	Not measured
 Spybot - Search & Destroy tray access	Safer-Networking Ltd.	Disabled	None
 Citrix FTA, URL Redirector	Citrix Systems, Inc.	Disabled	None
 Citrix Connection Center	Citrix Systems, Inc.	Disabled	None
 ArcSoft Connect Daemon	ArcSoft Inc.	Disabled	None
 WinFast DTV Schedule	Leadtek Research Inc.	Disabled	None
 Makes sure Spybot 2 is there on Wind...	Safer-Networking Ltd.	Disabled	None
 CCleaner	Piriform Ltd	Disabled	None
 Microsoft OneDrive	Microsoft Corporation	Disabled	None
 NVIDIA Update Backend	NVIDIA Corporation	Disabled	None

Physical Clean

- Disconnect Power, Open case carefully
 - Remove dust from fans, radiators, surfaces
 - Use Paint Brush, Canned Air - blast ?
 - Special USB Vacuum Brush
- Clean out dust (and Crumbs) from Keyboard
 - USB Vacuum is ideal
 - Care with Household Vacuum Cleaner
- Clean out goo from Mouse Rollerball / Optics

HW Upgrades

- Add memory : 2 GB / \$30+
- Add SSD : 120 GB / \$60
- Add external HDD (for Backups, Protection)
- New Monitor : 24" / \$160, 27" / \$250
- TV Tuner : \$40
- New Printer : InkJet MFP / \$50 - \$300
- New Keyboard / Mouse : \$20+
- New PC : \$ 300 to \$ 3,000 . . .

Old Programs

- Over time, many trial or superseded programs
- Use Control Panel / Programs & Features list
 - sort alphabetic, date installed, size etc
- Removal –
 - try Programs Uninstaller first
 - Uninstall from CP / Programs
 - Ccleaner / Tools /
 - Revo Un-installer fro complete removal



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Cleaner

Uninstall >

Startup >

Browser Plugins >

Disk Analyzer >

Duplicate Finder >

System Restore >

Drive Wiper >



Registry



Tools



Options



Select a program from the list you want to remove from your computer

Programs to Remove	Publ...	Install Date	Size	Ver
3D Builder	Micr...	1/12/2016		12.0
4K Video Downloader 4.1	Ope...	11/11/2016	103 MB	4.1
7-Zip 16.04 (x64)	Igor...	28/10/2016	4.75 MB	16.0
Adobe Flash Player 23 NPAPI	Ado...	13/11/2016	19.2 MB	23.0
Alarms & Clock	Micr...	13/12/2016		10.0
App Installer	Micr...	31/08/2016		1.0.0
Asphalt 8: Airborne	GA...	13/10/2016		2.7.0
Belarc Advisor 8.5c	Bela...	1/09/2016	6.31 MB	8.5
Calculator	Micr...	13/12/2016		10.0
Camera	Micr...	12/12/2016		201
Canon MP480 series MP Dri...		31/08/2016		
Canon My Printer	Can...	1/09/2016	13.1 MB	3.3
CCleaner	Pirif...	15/12/2016	19.0 MB	5.2

Uninstall

Repair

Rename

Delete

Search

Save to text file...

Duplicate Files

- Same file, same name, multiple locations
 - Use CCleaner-Tools for initial scan and review
- Near same file (photos, music), different name
 - Suggest initial visual cleanup (esp. photos)
 - Use dupguru for content comparison
 - May need overnight scan and analysis
 - User review before any deletes



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Options



Upgrade

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Searches for duplicate files



	Name	Path	Size	Creation Date
File Count: 2				
<input type="checkbox"/>	SES-Nuna-Nov2011b.wmv	G:\db-Documents\SES\FTP-Files	47.2 MB	30/11/2011 ...
<input type="checkbox"/>	SES-Nuna-Nov2011b.wmv	G:\db-Videos	47.2 MB	30/11/2011 ...
File Count: 5				
<input type="checkbox"/>	data.zip	G:\Pc-Training\GPS\GPS-Backup-NewProgs\iGO8	42.3 MB	29/09/2009 ...
<input type="checkbox"/>	data.zip	G:\Pc-Training\GPS\GPS-Rebuild\iGO8	42.3 MB	29/09/2009 ...
<input type="checkbox"/>	data.zip	G:\Pc-Training\GPS\GPS-TTS-Backup_sep12\iGO8	42.3 MB	29/09/2009 ...
<input type="checkbox"/>	data.zip	K:\iGo8 GPS\GPS5-Backup-July2016\iGO8	42.3 MB	29/09/2009 ...
<input type="checkbox"/>	data.zip	K:\iGo8 GPS\Nav N Go iGO 8 R3 series - v8.3.4.117940 (Nov 3...	42.3 MB	29/09/2009 ...
File Count: 2				
<input type="checkbox"/>	Australia.dem	G:\Pc-Training\GPS\GPS-Rebuild\iGO8\content\dem	129 MB	8/08/2009 7:...
<input type="checkbox"/>	Australia.dem	K:\iGo8 GPS\GPS5-Backup-July2016\iGO8\content\dem	129 MB	8/08/2009 7:...
File Count: 2				
<input type="checkbox"/>	SES Forensic Search.avi	G:\Pc-Training\GPS\GPS-TTS-Backup-July\Video	24.1 MB	4/01/2010 9:...
<input type="checkbox"/>	SES Forensic Search.avi	G:\Pc-Training\GPS\GPS-TTS-Backup_sep12\Video	24.1 MB	4/01/2010 9:...

SW Additions


- Gizmo Index of Free Software
 - www.techsupportalert.com
- Choose by category
- Some suggestions
 - KeePass (Password Mgr), now free for multiple devices
 - WPS Office (or Libre Office) instead of MS-Office
 - Audacity - Audio editing, Freemake - Video Conversion
 - Google Earth Pro – as demonstrated at BEAST

Best Free Windows Desktop Software - Editors Choice Selection

Submitted by [MidnightCowboy](#) | Last update on 9th December, 2016 - 3:03pm

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All Windows Desktop Software

 Windows Desktop Software
- All Categories

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Best Freeware Lists

 Windows Desktop Software

Summary

- Many options for PC Presents
 - either self, family, friend, grandkids !
- Most are free (or low cost)
 - don't need much expertise, but MelbPC can help
- Memory and SSD enhancements
 - give best 'back for buck'
- Housekeeping
 - can provide considerable benefits



* **your last PPT for 2016 !**