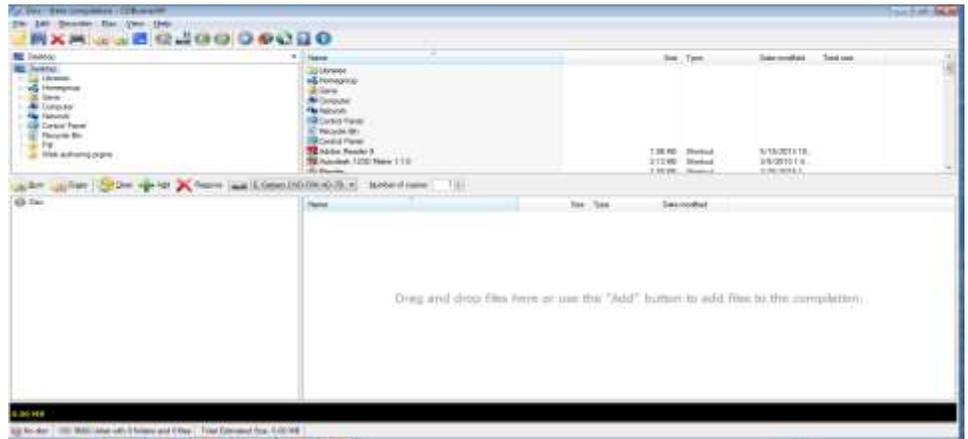


BACK UP YOUR FILES AND PHOTOS!

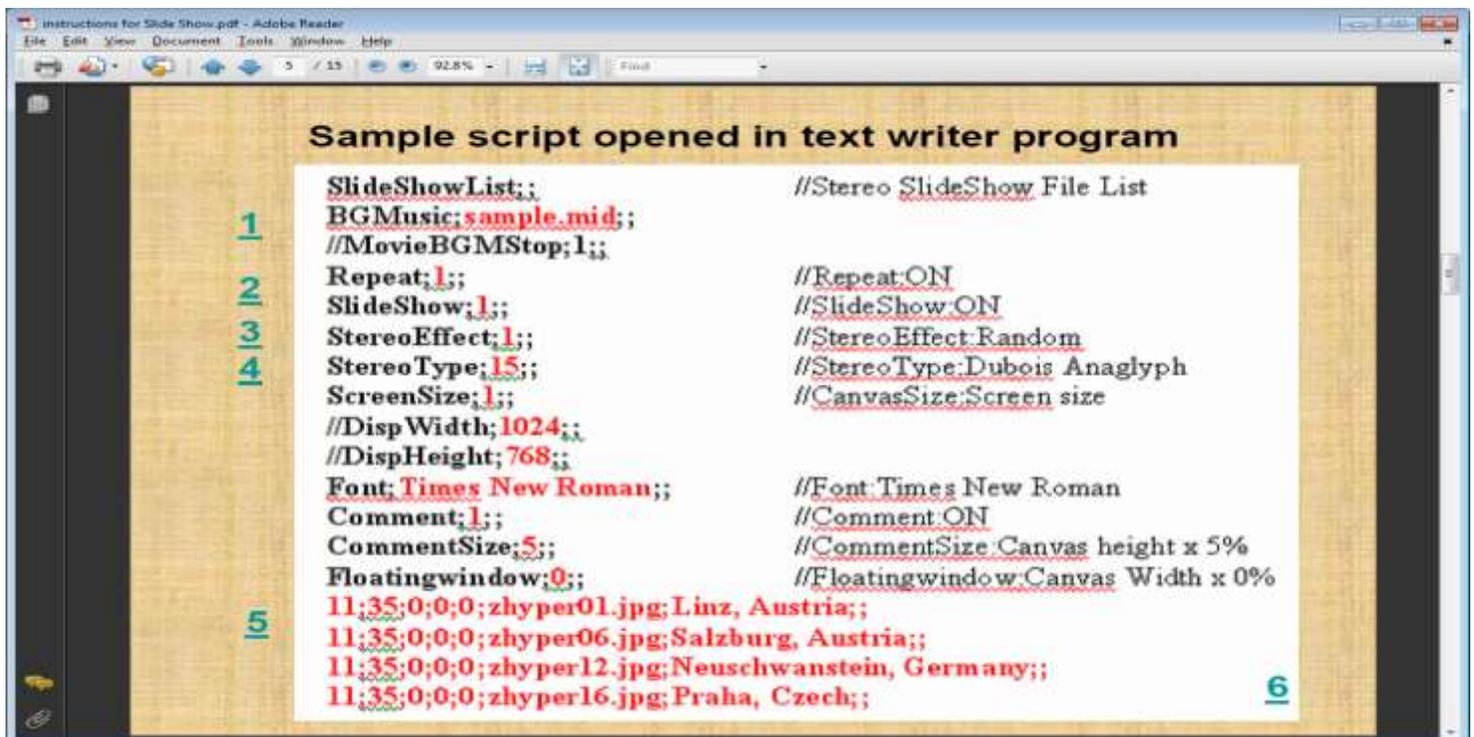
CDBURNERXP (good also for newer versions of Windows). <http://cdburnerxp.se/>

There is an excellent free program that allows burning files to CDs and DVDs. This is a good program because it will finalize the burning of a disk. Many times, if a program doesn't finalize, it can only be read on the computer on which it was burned. This program is also good because it uses the same type of screens that Windows explorer uses.



For more instructions <http://mitofsky.com/helpfiles/CDBURNERINSTRUCTIONS.pdf>

Stereo slideshow Instructions ... run by a text file



SLIDE SHOW INSTRUCTIONS

1. Put all photos in a folder (Ana, side x side, mpo)
2. Put slideshow.exe into the same folder
3. Optional, put music in the same folder (not necessary, but easier)
4. RUN slideshow.exe from folder
5. FILE – MAKE/EDIT A SLIDE SHOW LIST
6. In the popup screen, near bottom,
 1. click Browse and go to the same folder
 2. Give the file a name “show1”
 3. click open
7. In the popup
 1. Select the type of photo (mpo, side by side, etc)
 2. At the bottom click ADD ALL (easier than selecting certain ones)
 3. click open
 4. Close window
8. In notepad, open “show1.txt” and make changes to the file, many options are available
 1. Repeat (0=off, 1= on)
 2. stereo effect 4= dissolve
 3. stereo type (to display) 13= color ana, 15= color Dubois
 4. SAVE
9. In the Slide show program, OPEN YOUR SHOW LIST text file

For more instructions,

<http://mitofsky.com/helpfiles/instructions%20for%20Slide%20Show.pdf>

SPECIAL CHARACTERS

To use the codes:

Place your cursor in the location where you wish to insert a special character.

Activate the numeric key pad on the right of the keyboard by pressing Num Lock (upper right of keyboard). ...

While pressing down the ALT key, type the four-digit code on the numeric key pad at the right edge of the keyboard

Alt+1 ☺	Alt+9 ○	Alt+17 ◀	Alt+25 ↓
Alt+2 ☹	Alt+10 ◼	Alt+18 ↕	Alt+26 →
Alt+3 ♥	Alt+11 ♂	Alt+19 !!	Alt+27 ←
Alt+4 ♦	Alt+12 ♀	Alt+20 ¶	Alt+28 ⊞
Alt+5 ♣	Alt+13 ♪	Alt+21 §	Alt+29 ↔
Alt+6 ♠	Alt+14 🎵	Alt+22 —	Alt+30 ▲
Alt+7 •	Alt+15 ☀	Alt+23 ↕	Alt+31 ▼
Alt+8 ◼	Alt+16 ▶	Alt+24 ↑	Alt+127 ◻

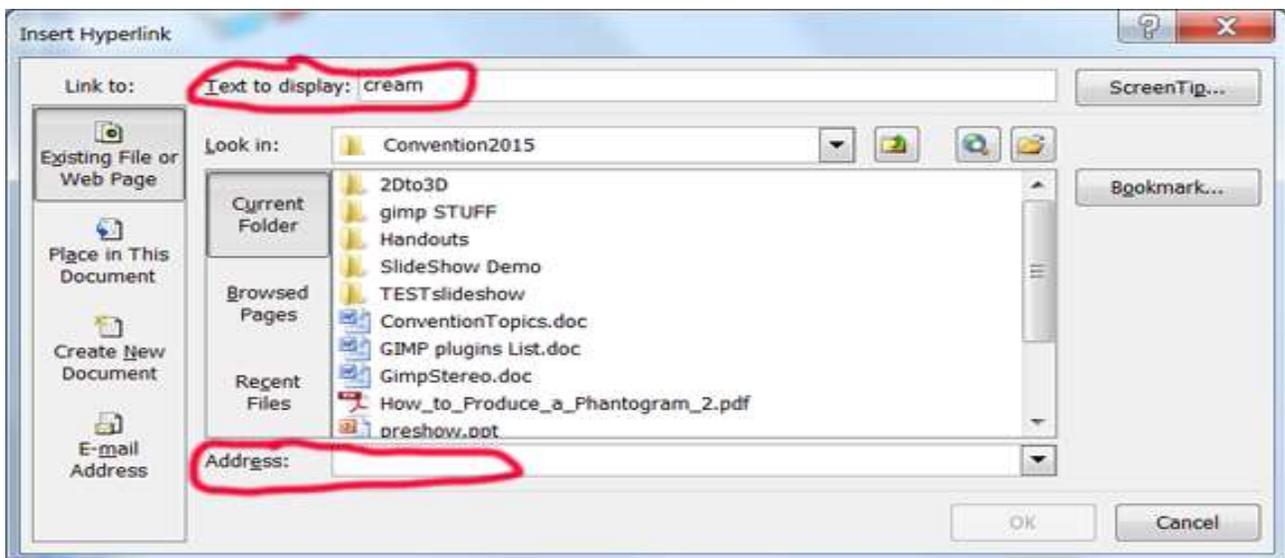
I ♥ the cards I got at Bridge. I played 7 ♥ and since I had no ♣ I made the bid. I was ☺ and 🎵 🎵 🎵 all the way home! The ☀ shined on me all day.

<https://www.the-qr-code-generator.com/>



QR codes are a popular type of two-dimensional barcode. They are also known as hardlinks or physical world hyperlinks. QR Codes store up to 4,296 alphanumeric characters of arbitrary text. This text can be anything, for example URL, contact information, a telephone number, even a poem! QR codes can be read by an optical device with the appropriate software. Such devices range from dedicated QR code readers to mobile phones.

Anyone can create a web link that looks real but is not!



Never send personal information on a reply
Verify

Sound editing

<http://www.audacityteam.org/>

Free sound editing program. You can shorten a piece of music, combine several pieces of music, record voice and create an exact length of music to fit your slide show.



REPURPOSE YOUR OLDER COMPUTER – OR TRY A NEW OPERATING SYSTEM

Linux Ubuntu (there are other Linux versions) - this is a completely different operating system that replaces XP, Win, Vista, etc. It is free and has its own application packages.



<http://www.ubuntu.com/>

This is an excellent operating system for reusing older computers. It will completely wipe-clean the hard drive when it installs.

Most programs for Linux are free. There is a built in installer for the most commonly recommended programs (100s of them). However, to install non-recommended programs is difficult. Use your Linux computer mostly for surfing the web or managing and playing a music library.

NATIONAL PARKS ON THE WEB IN 3D Anaglyph (red/cyan glasses needed) <http://3dparks.wr.usgs.gov/>

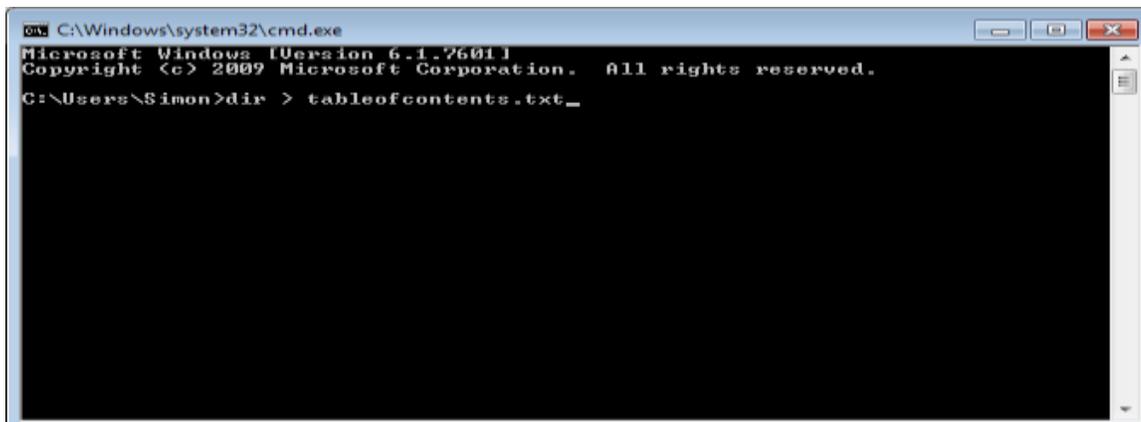


PRINT CATALOGS (DIRECTORIES) OF FOLDERS

Go to START, type CMD (for command line)
cd/ (to go back to the top level of the directory) cd/sedona (to go to a directory named Sedona)

Prn > tableofcontents.txt

This creates a txt file of the directory, then you can open it with Notepad or any word processor and print it.



GIMP – THE FREE ALTERNATIVE OR ADDITION TO PHOTOSHOP!

GIMP is a freely distributed software for photo retouching, image composition, and image authoring. It started as a Computer Visions Class Project at Berkeley in 1995, and is now available in many languages and for many operating systems. It is free and opens sourced, so anyone can add functionality to it through scripts or add-ins**.

The Official site to download GIMP: <http://www.gimp.org/>

After installation, plug-ins or scripts, described below, may be downloaded by selecting “Plug-In Registry” from the main gimp.org screen, or by going to <http://registry.gimp.org/> and doing a search on their name (they end in .scm).

The program is slow with too many plugins.

**When installing the plug-ins or scripts, put them in the following computer directory if using Windows: /c:/users/your user name/.gimp2.8/scripts

Here are links to some helpful websites, 2D and 3D:

<http://blog.3dindia.com/2010/08/make-3d-anaglyph-images-using-gimp/>

<http://www.techzilo.com/gimp-plugins/>

<http://libregraphicsworld.org/>

Lists of the most popular GIMP Plugins:

<http://www.brighthub.com/multimedia/photography/articles/16924.aspx>

<http://garmahis.com/reviews/gimp-plugins/>

GIMP DEMONSTRATIONS

Set window to one window: windows/single window mode should be checked; leave settings as default unless otherwise noted.

Demo 1 - Create Logos for title pages

1)Logo1: File-create-logos-3D Outline (if you do not see a popup, check for a 2nd window) text=Working with; pixels=100; click OK; **Image-Scale Image** width=711px; click Scale

2)Logo2: File-create-logos-3D Outline (if you do not see a popup, check for a 2nd window) text=GIMP; pixels=100; click OK; **Image-Scale Image** width=711px; click Scale

3)Background: File-Create-Render-Star Scape; size=1024w x 768h (or other desired size)

There are 3 icons toward the top of the page: Logo1, Logo2, and the Star Scape background.

4) Click Logo1, edit-copy; click Star Scape, Layer-New Layer, name=Logo1, edit-paste and hover over “Working with” to see the move tool (cross with

arrowheads) and click-and-drag the words toward the top. Click anywhere in the background to anchor the location.

5) Click Logo2, edit-copy; click Star Scape, Layer-New Layer, name=Logo2, edit-paste, move and anchor as in step 4.

The following two examples are stereo applications for 3D enthusiasts. Files names ending in .scm are scripts that must be pre-loaded into GIMP.

You must have a left and a right image-either 2 images taken 2 inches apart with a single camera, two images taken with a dual camera rig, or using a stereo camera's .mpo file split into a left and a right image with software such Stereo Photo Maker.

Demo 2 – MAKE ANAGLYPH FROM 2 IMAGES script: script-fu-make-anaglyph.scm

1) File-OPEN AS LAYERS; hold down the control key and select the left and right image files; click Open

2) Stereo-Make Anaglyph; this script will place the 1st file from the previous step on the red layer and the 2nd file on the cyan layer to create an anaglyph image

3) Use the cross icon to move/align images for comfortable viewing with red-cyan glasses. **Demo 3 - Adjoin 2 separate layers into a stereo pair** script: adjoinLayersIntoSteropair.scm

1) File-OPEN AS LAYERS; hold down the control key and select the left and right image files; click Open

2) Script-Fu – Stereo Imaging-Adjoin 2 separate layers into stereo pair; Select the right image view file and click OK; this script will put the two images side-by-side to create a stereo card.

3) If the image is wider than the screen, use View-Zoom-Fit Image in Window. Alignment and sizing may need to be performed for proper printing.

Demo 4 - Photo Adjustments

Try these enhancements on any digital photograph. One script might look better than another depending on the picture. Each filter/application has many options and settings that can be changed. Here are a few of my favorites. Find and pre-load the corresponding .scm scripts from

<http://registry.gimp.org/>

- Filters-Generic-National Geographic
- Script-Fu/Enhance/Fake HDR Effect

- Fx-Foundry - Photo-Enhancement -Vivid Saturation
- Fx-Foundry - Photo-Effects- Bercovich Lomo
- Fx-Foundry - Photo-Enhancement-Local Contrast Enhancement
- Fx-Foundry - Convolution Matrix Presets - Brighthness-Contrast
- Fx-Foundry - Photo-Enhancement-EZ Improver
- Script-Fu - Photo-Infrared simulation
- Script-Fu - Edges-Photo Border Fancy (select View-Full Screen and use the text tool to add wording under the picture)
- Filters-Light and Shadow-Shadow&Highlighting
- Filters-Artistic-Obama Hope (red-blue effect)
- Filters-Artistic-Midnight Sepia
- Filters-Artistic-Vintage Look
- Filters-Decor-Antique Photo Border
- Filters-Decor-Slide
- Script-Fu - Photo-Copyright Text
- Fx-Foundry - Convolution Matrix Presets - Sharp

Demo 5 My version of Converting 2D to 3D in GIMP (instructions are similar for Photoshop and Elements)

Method 1 uses the gradient tool

Method 2 uses gradient tool plus custom painting to enhance 3D layers

(If you intend to make a stereo card, start with a 3" square photo)

Method 1

1) Load any image and duplicate it twice (control D to duplicate).

There are now three icons of the same image on top of the page. The first one will be used to create the image map, and the other two will be used for the left and the right images. 1) Select Image 1 = Image map

a) View-Fullscreen (zooms to full screen)

b) Click the foreground icon, and set R, G, and B to 127 (neutral grey)

c) Click the background icon, and set R, G, and B to 0 (black)

d) Select Tools-Paint Tool-Blend (activates the gradient tool)

e) Select linear for the shape

f) Draw an imaginary line near the center of the image from bottom to top

This image is now grey on the bottom to black on top

2) Select Image 2 = left image

a) Select Filters-Map-Displace

b) Set the x displacement at -20 (negative), choose the image map file

c) Set the y displacement at 0, choose the image map file

d) Select displacement mode as cartesian, and edge behavior as wrap

3) Select Image3 = right image

Same as above for image 2, but set the x displacement as 20 (positive)

4) Select Image 2 (Left)

Select Red channel, Edit-Select All (control A), Edit-Copy (control C)

Select Image 3 (Right)

Select Red channel, paste (control V)

View , export Anaglyph

Method 2

Follow the instructions for Method 1, but after 1-f, use the paintbrush to customize the image map with various shades of grey to manually set the depth of various parts of the picture.

GOOD PROGRAMS

Audio

Quick Media Converter converts between different audio formats (free)

<http://www.cocoonsoftware.com/>

Audacity sound editing (free) (also has mp3 plug-in) Use to lengthen or shorten music

<http://audacityteam.org/>

Burn a CD or DVD

CDburnerXP does DVDs, too (free) Great program!!

<http://cdburnerxp.se/>

Converter

Hampster free video and other converters

<http://www.hamstersoft.com/>

Quick Media Converter downloads and converts between various video formats (free)

<http://www.cocoonsoftware.com/>

Switch Sound file converter

<http://www.nch.com.au/switch/>

Protection (anti spyware is different from virus protection)

Malwarebytes anti spyware (free)

<http://www.malwarebytes.org/>

Ccleaner (free) removes old temporary files

<http://www.ccleaner.com/>

Web development

KompoZer web authoring (free)

<http://www.kompozer.net/>

FTPzilla free FTP file transfer program

<https://filezilla-project.org/>

Office programs (text, spreadsheet, presentations, etc)

OpenOffice Microsoft office lookalike for free

<http://www.openoffice.org/>

Libre Office Microsoft office lookalike for free

<http://www.libreoffice.org/>

Miscellaneous

Inkscape Adobe Illustrator lookalike for free

<http://inkscape.org/>

Dia Microsoft Visio look alike for free-does flow charts

<http://projects.gnome.org/dia/>

Cam Studio captures to video capture what you do on the computer screen

<http://camstudio.org/>

MuseScore Music score writing

<http://musescore.org/>

PDF24 creator and editor

<http://en.pdf24.org/>

PDF escape on-line pdf editor; creates fill-in fields and edits pdf's

<https://www.pdfescape.com/>

Free printable calendars

<http://www.freeprintable.net/>

***** Muttyan's home page with many stereo programs for PC - all free**

<http://stereo.jpn.org/eng/index.html>

Stereo Photo Maker is the best freeware Stereo-Photo Editing program around and functions both as a versatile stereo image editor and stereo image viewer. It is supportive and friendly to most stereo viewing methods (Freeviewing [Parallel-eyed or Cross-eyed], Anaglyphic [color anaglyphs or grayscale anaglyphs], Liquid Crystal Shutter Glasses [Interlacing or Page Flipping]). Position, Angle, Size and Darkness of the left-right images can be adjusted very easily. Other functions: Zoom In/Out (operated with mouse wheel), Left-Right Image swap, Trimming, Resize, Print etc.

Stereo Slideshow and other 3D programs

<http://www.stereoscopy.com/downloads/>

CCLEANER is a free program for cleaning up temporary files that can slow down your computer. It also contains utilities for registry cleanup (use rarely), and finding startup files, some of which you don't need at startup and take up memory.

You can also track startup files using the built in program
START – msconfig or START – RUN msconfig