

Save your Hobby on DVD

to Share with Others

Hobbies Involve Physical Objects

- **Objects like:**
 - Photos
 - Stamps
 - Coins
 - Buttons
 - Baseball Cards
 - Pistols, Rifles, Teapots, Antiques
 - Etc.

My Goal Today...

- **Introduce process & methodology to capture hobby / collection to DVD for sharing with others**
- **Provide ideas to “jumpstart” your video project**

Make Your Hobby Interesting or Historical

- Everyone's hobby is unique
- Identify what's unique or interesting about your hobby
- Use what's unique or interesting to “tell a story” about your hobby or collection
- Tell your story “your” way – it is personal to you

Let's Begin!

- Your collection, family history etc. has many individual elements
- Tell a “story” about one of the elements
 - Example:
 - Special coin, or stamp, or button, or vase...
- How you obtained it, where you found it, how it was created...

Organize Your Stories

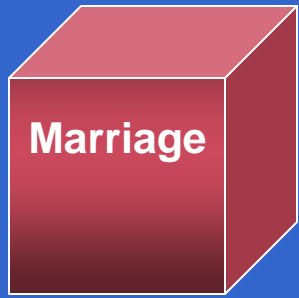
- **Chronologically or by categories you define**
- **The story will be more interesting if it contains details including photos, documents, newspaper / magazine articles, movies, videos, audio recordings etc.**

First, Organize the Materials

1. Move any materials you might use into your project area
2. Review items for familiarity
3. Think about your collection and how you want to organize the stories involved.

Organize Materials cont'd

4. Prepare a list of your major story categories and specific stories to include in each category – a simple outline
5. Purchase small boxes, one for each category – label them
6. Sort materials into the boxes



Marriage License – certificate, Newspaper clippings
Photos of ceremony, Photos of escape,
Pressed Flowers, invitation



Documents, objects, newspaper
articles, etc.

Birth Certificate, Baby
Pictures, Bronze Shoe



Photos, lease, Rental ad

Birth Certificate, Baby
Pictures, Bronze Shoe



Passports, Ticket Stubs,
Photos

Now, On Your Computer...

- **Create a folder for each box (category)**
- **Create a sub-folder for each story in each category**
- **As you generate the digital content on the computer, move the content into the appropriate folder or sub-folder on the computer**

Feel Free to Check the Source

- The source for this project is “Family History DVD” by Merle Volding and Becky V. McLaughlin
- <http://www.familyhistoryondvd.com/>

Select your Application

- They used *Pinnacle Studio 9* — not the latest version
- I use *Adobe Premiere Elements 2 & 3*
- Other applications are available
- *Adobe Premiere Elements* and *Pinnacle Studio 10.5* are the better known apps

Select Your Application cont'd

- Win XP includes a free application
Movie Maker
- Use what you have and avoid another
expense

Other Equipment

- **Scanner**
- **Digital Video Camera (DV Camcorder)**
- **Microphone**
- **DVD Burner**
- **Perhaps a burning application**

Next Steps

- **The list of categories you made earlier (step 4 of organize your materials) becomes your guide**
- **With folders and sub-folders setup,**
- **Take items from each box and enter them into the folders on your computer**

Hobbies Involve Physical Media

- **Media like:**
 - Photos or scanned images of objects
 - Diagrams or maps
 - Newspaper or magazine articles
 - Certificates or licenses
 - Audio recording / interview / music / song
 - Old home movie clips; TV show clips,
 - Etc.

Entering Photos and Documents via Scanner

- Add interest to your story
- Many items have high intrinsic value – maybe even irreplaceable to you
- They need to be included because of this value
- By scanning them into your computer

Add To Folder / sub-folder

- Photos from a digital camera are already digital – simply copy into folder
- Scan hard copy / printed photos to convert to digital format
- Then move to folder
- For scanning specifics, review your scanner documentation

Scanning Tips

- Always scan at 100% object size
- Always scan photos and documents at 300 dots per inch
- Describe the object you are scanning using application settings. eg, Photo, color, grayscale
- Always save scanned image as JPEG

Videos and Old Movies

- **Must be converted to digital format**
- **More cost effective to contract a service bureau to convert**
- **Move digital files into corresponding category and story folders**

Your New Digital Video

- **DV from the service bureau**
 - Copy the files from the DVD into the folders you created and named previously
- **Now the things you organized earlier are in digital format and in the folders you created earlier**

Your Digital Resources

- “Copy” your resource files (digital photos, scanned images, and etc.) into the *Media Panel (APE)* or *Album Area (PS/+)*
- From this “Holding Area,” drag to the Timeline as needed to flesh-out your story

Create Your Story Project

- Video editing applications work with “Projects”
- Create a new project and save it to disk
- Open your project and select your “view”

Project “Views”

- Depending on you application
- You may see three primary “views”
 - Timeline: start to finish real-time
 - Storyboard or Scene: iconic view of video scenes
 - Text: a list showing start and end times of clips as well as duration
- Not all applications use these names or have three views

Importing Digital Video

- Assuming you have taped video in your DV camcorder
- New camcorders (DV) are digital and create digital video files
- DV camcorders connect directly to a FireWire port on your computer (IEEE1394)
- FireWire Adapters are available between \$30 - \$90

What About Video in Your Camcorder?

- **Q:** How do you get DV video into your computer?
- **A:** You “capture” it

Capturing DV

- **With the DV camcorder connected to computer and turned-on, play your recorded video**
- **As video plays, it is “captured” by your video application and saved under your project filename as resources**
- **Pinnacle saves files to the Album Area**
- **Premiere saves files to the Media Panel**

Moving Objects Into Your Video

- You add DV to your story just as you added media from the Media Panel or Album Area
- Follow the directions of your application to add the media files to your timeline

Add Audio Narration or/and Background Music

- If you have an audio recording, add it to the media panel and insert in the timeline as desired into audio track 1
- Background music is also copied to the media panel and inserted in the timeline as audio track 2

Add Transitions

- **Both Premiere Elements and Studio Plus contain several video transitions**
- **Select the transition you desire and drag it between the two scenes to add the transition**

Add Titles

- **Both applications contain Wizards for creating Titles**
- **Use titles at the beginning and at the end of your movie**
- **Use Titles as overlays to identify objects in the video**

Add a Menu

- Both applications provide the ability to create a DVD menu
- Like DVDs you purchase, used to quickly get to a specific scene or point in your movie

Render Your Movie

- Your movie is simply a “string” of media clips until you “Render” them
- Rendering produces an intermediate “validated” file that may be played on your computer

Burning a DVD

- With your movie “rendered” (in validated files) it is now compressed
- MPEG-2 format is used for the DVD
- 1 hr video in Premiere Elements = 13 GB
- DVD holds 4.7GB Dual layer = 5.8GB

CPU Power and Time

- It takes lots of CPU Power and time to compress 13GB down to 4.7GB.
- Standard project of 60 minutes takes 4 to 6 hours to burn
- Not unusual for dedicated production systems to run this process overnight.

You Are Done - Project Complete

- **After the DVD has completed burning it is complete**
- **You may burn additional copies within the application or**
- **You may use DVD copying software to make additional copies**

Adobe Premiere Elements 3.0 System Requirements

- Intel Pentium 4 processor or compatible with SSE2 support; or better (3 GHz processor required for HDV)
- Microsoft Windows XP Pro; Home or Media Center Edition with Service Pack 2
- 512 MB RAM; 1 GB required for HDV

Adobe Premiere Elements 3.0 System Requirements

- 4 GB of available hard-disk space for installation
- Color Monitor with 16-bit color video card and 1,024 by 768 monitor resolution
- Microsoft DirectX 9 compatible sound and display driver

Adobe Premiere Elements 3.0 System Requirements

- DVD-ROM drive (compatible DVD Burner required to burn DVDs)
- DV/i.LINK/Firewire/IEEE 1394 interface to connect a Digital 8 or DV camcorder or a USB2 interface to connect a DV camcorder via USB2.
- *Hard Drive for editing movies – 7200 RPM drive(s) required!*

Fini!

- Questions?
- Thank you for your time...