

Using Windows DVD Maker To Make HD Slideshows and Movies

Area 2 Computer and Technology Group
Phil Goff, Branch 116
April 15, 2010

My Definition of a Slideshow

A series of pictures that are displayed at fixed intervals

May include title slides, text or other drawings in the show

May include video clips

Two Basic Types of Slideshows

1. Slideshows that you can view on your computer

Easy to create. Can use PS Elements, Picasa, Nero, etc.

Cannot be viewed on Television unless the slideshow is broadcast by computer or other device and the television is connected as a monitor.

2. Slideshows that are encoded on a DVD so that you can view them from a DVD player connected to your Television.

These can also be viewed on a DVD player connected to your computer.

Note: There are video CD's that can be played on your television but quality is very poor.

Facts about DVD's that play on Television

- If you place a group of Jpeg files or Mpeg movie files on a DVD, you can view it on a computer, but not from the DVD player on your television.
- You can view HD slideshows on your television if the input signal is from a computer or other streaming device.
- High resolution slideshows that work in a Television DVD player are actually movies. These will also play on your computer.

Windows DVD Maker helps you encode DVD slideshows that will work in your television's DVD player

- You can encode at high definition (720p or 1080i)
- You can include video clips
- Although simple to use, it is not extremely flexible

Place a DVD movie in your computer DVD Drive and open it to see the file structure:

Files Currently on the Disc (22)

VTS_03_1.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_2.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_3.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_4.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_5.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_6.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_7.VOB	10/25/2001 10:34 ...	VOB File	1,048,544 KB
VTS_03_8.VOB	10/25/2001 10:34 ...	VOB File	389,174 KB
VTS_01_1.VOB	10/25/2001 10:34 ...	VOB File	125,560 KB
VTS_02_1.VOB	10/25/2001 10:34 ...	VOB File	3,524 KB
VTS_03_0.VOB	10/25/2001 10:34 ...	VOB File	1,834 KB
VTS_01_0.VOB	10/25/2001 10:34 ...	VOB File	1,680 KB

What the heck are all these files?

DVD Movies Contain Multiple Types of “Streaming” Files

VOB's are Video Objects

BUP's are Backup Files

IFO are Information

The Good News is – “Don't Worry About It”
Several Software Programs will create all of these files for you.

What do You Need to Create a HD Slideshow on a DVD?

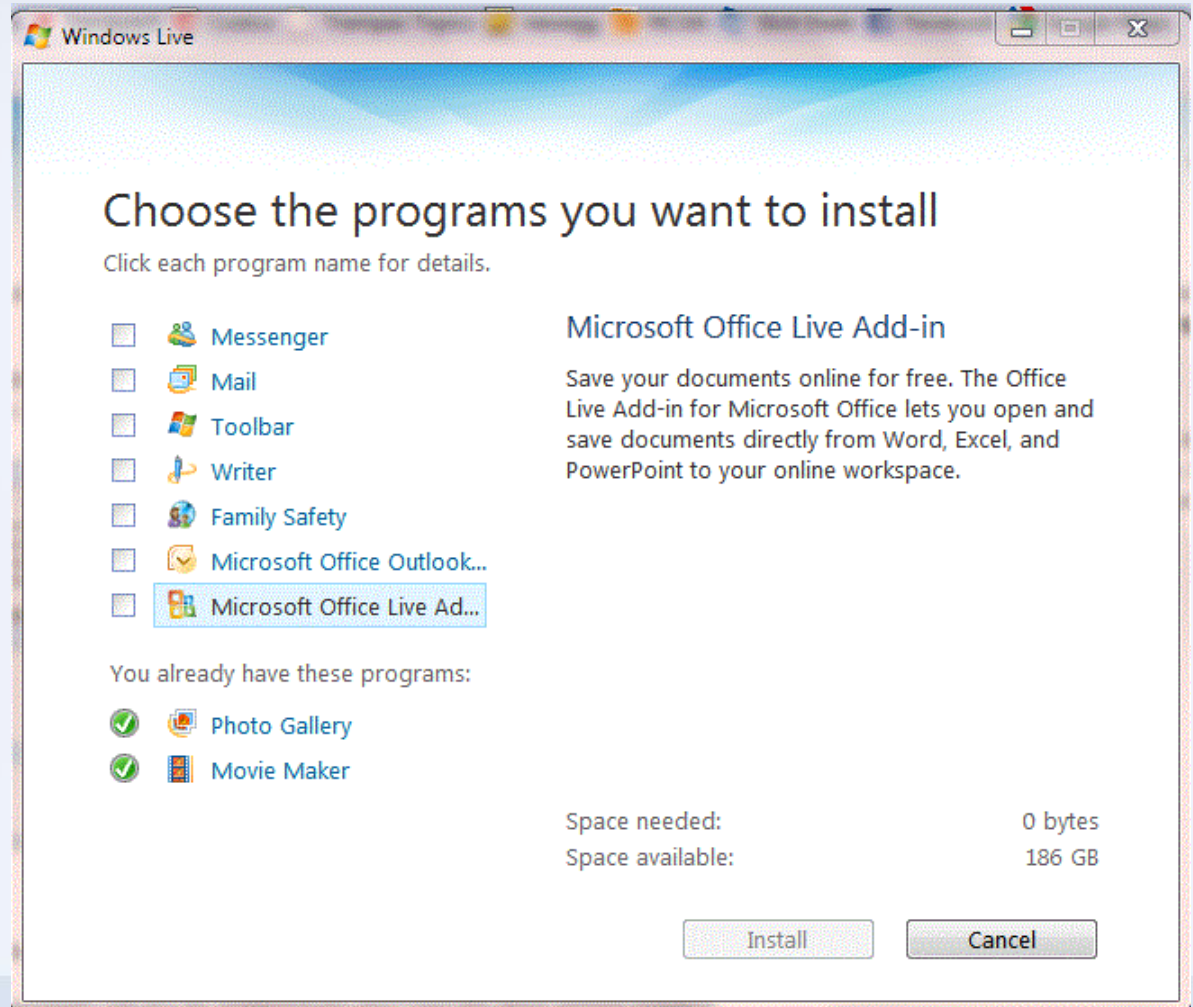
- A selection of pictures or video clips on your computer. Filetypes may be Jpeg, Gif, Mpeg, Avi. WMV or others
- Some music soundtracks (optional) stored as MP3 or WAV files.
- Windows DVD Maker - works with Vista and Win7. (XP Users will have to buy 3rd party software, e.g. Premiere Elements, Nero, etc.)
- Blank DVD (either -R or +R)

Where to Get Windows DVD Maker and
Movie Maker (only for Vista and Win 7)

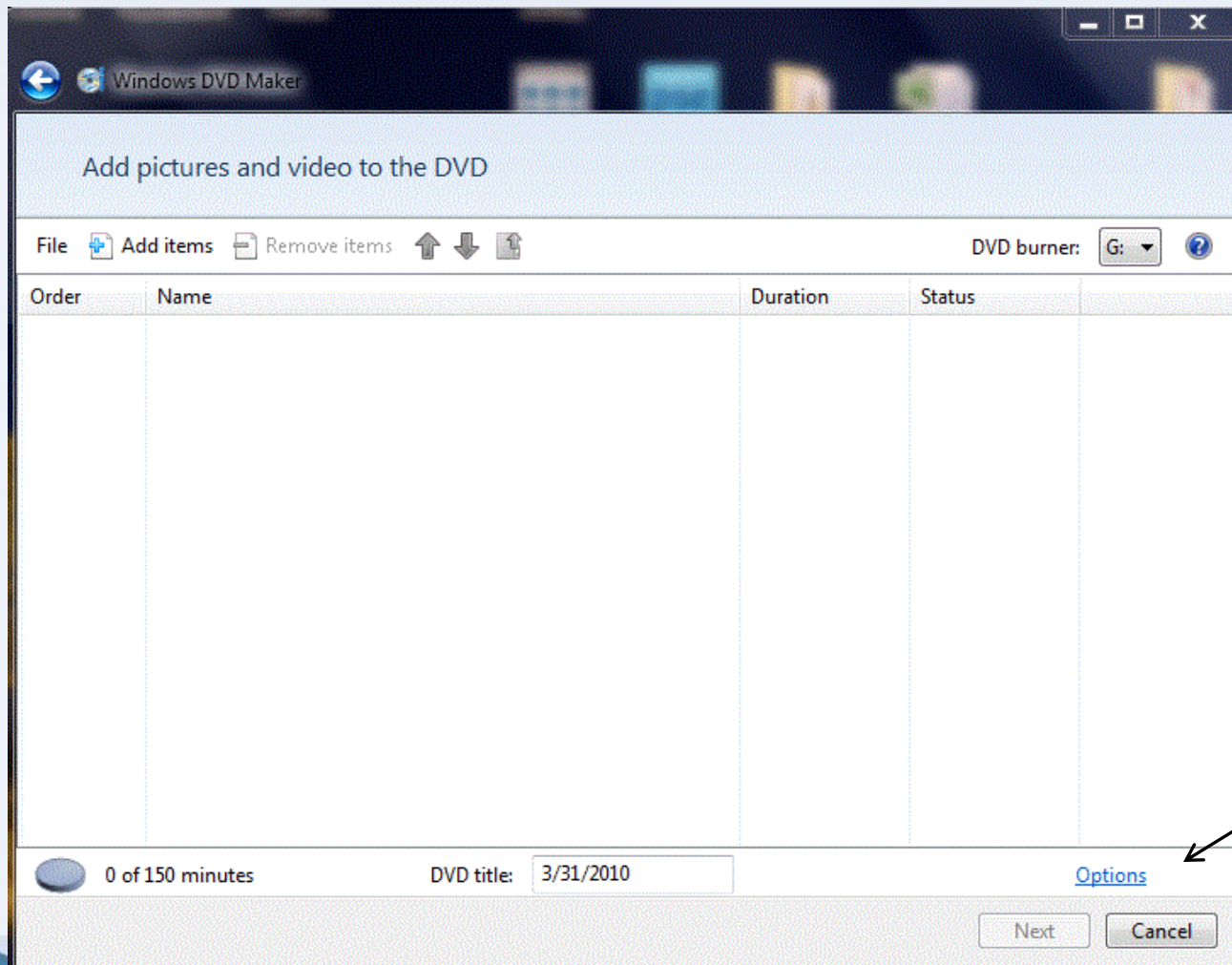
Log onto <http://download.live.com//>

Select the Programs to Install

Note: Windows Movie Maker Includes the DVD Maker. Windows Photo Gallery is a tagging program similar to Picasa and PS Elements Organizer.

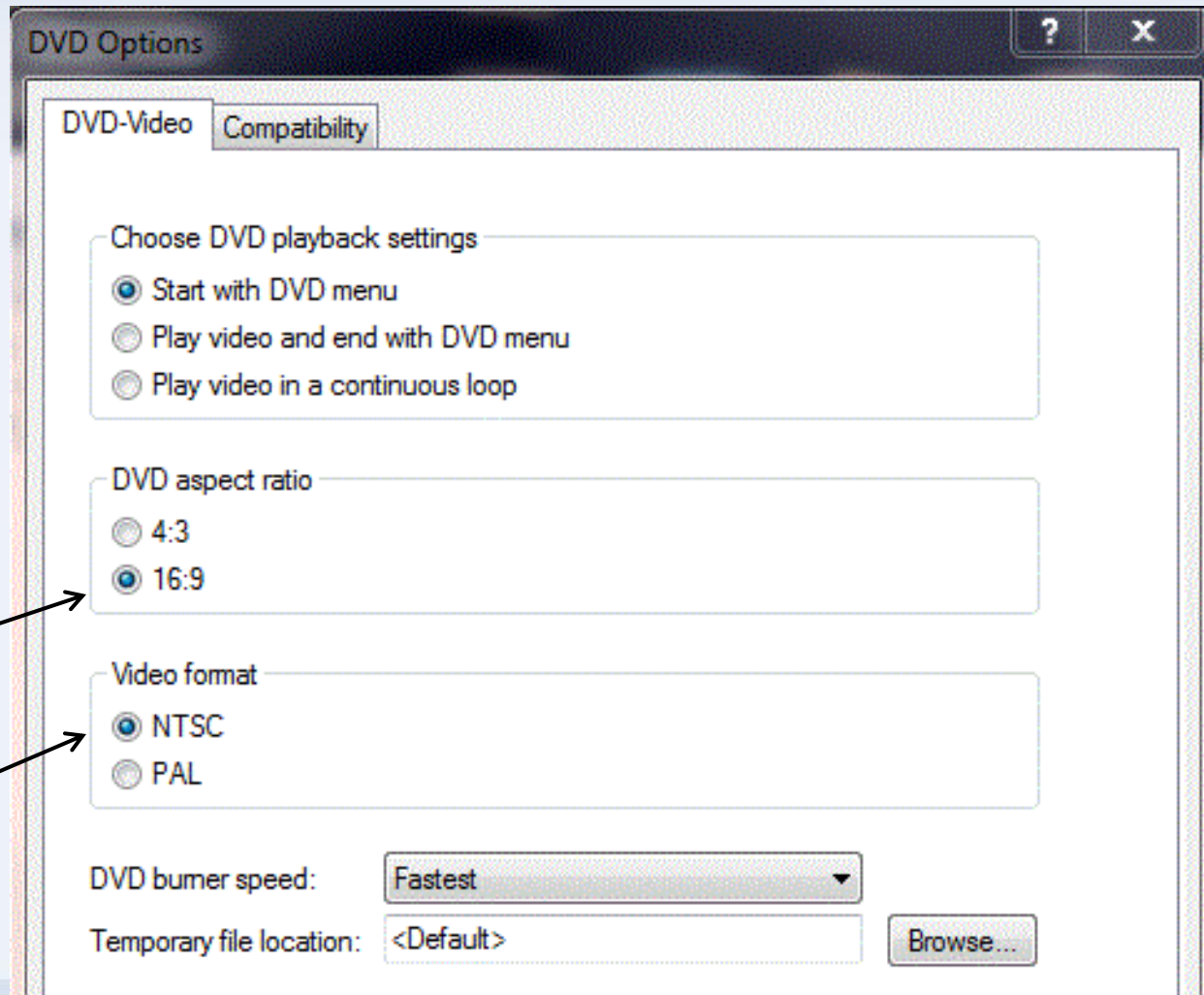


Open Windows DVD Maker









Be sure to click on Options




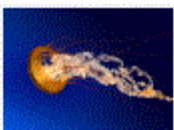
Set Options to 16:9 and NTSC




Add Pictures

Add pictures and video to the DVD







File  Add items  Remove items    DVD burner: G: 



Order	Name	Duration	Status
1	 Chrysanthemum	0:00:07	Ready
2	 Desert	0:00:07	Ready
3	 Hydrangeas	0:00:07	Ready
4	 Jellyfish	0:00:07	Ready


 1 of 150 minutes DVD title: [Options](#)

Add a Video File

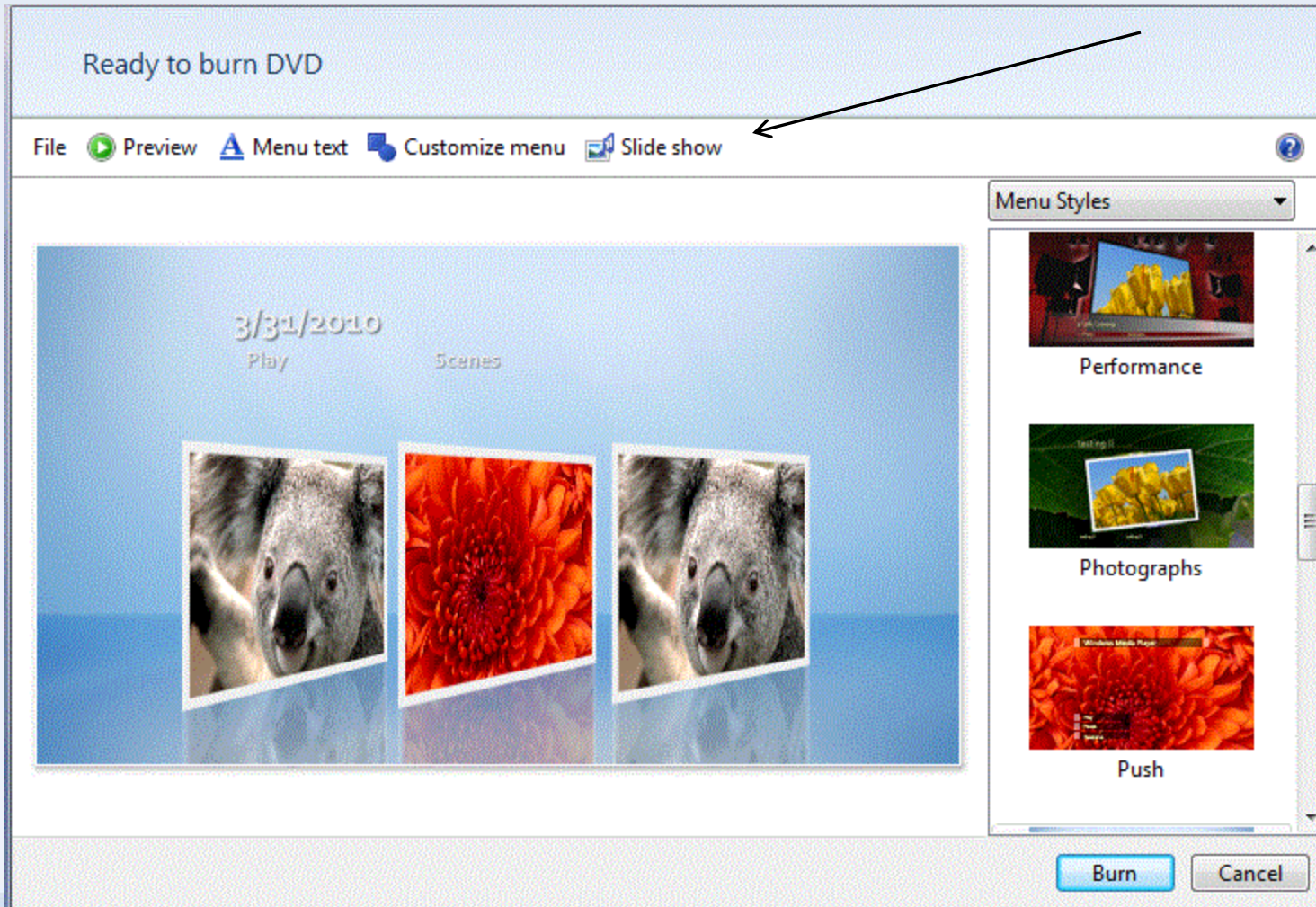
Add pictures and video to the DVD

File  Add items  Remove items    DVD burner: G: 

Order	Name	Duration	Status
1	 Slide show (6 pictures)	0:00:42	Ready
2	 Wildlife	0:00:16	Ready

 1 of 150 minutes DVD title: [Options](#)

Before Burning Add Music and Slide Requirements



Add Some Music and Make Final Settings

Preview

Music for slide show:

Song	Length
Sleep Away	0:03:20

Add Music...
Move Up
Move Down
Remove

Music length: 0:03:20
Slide show: 0:00:40

Change slide show length to match music length

Picture length: 5 seconds

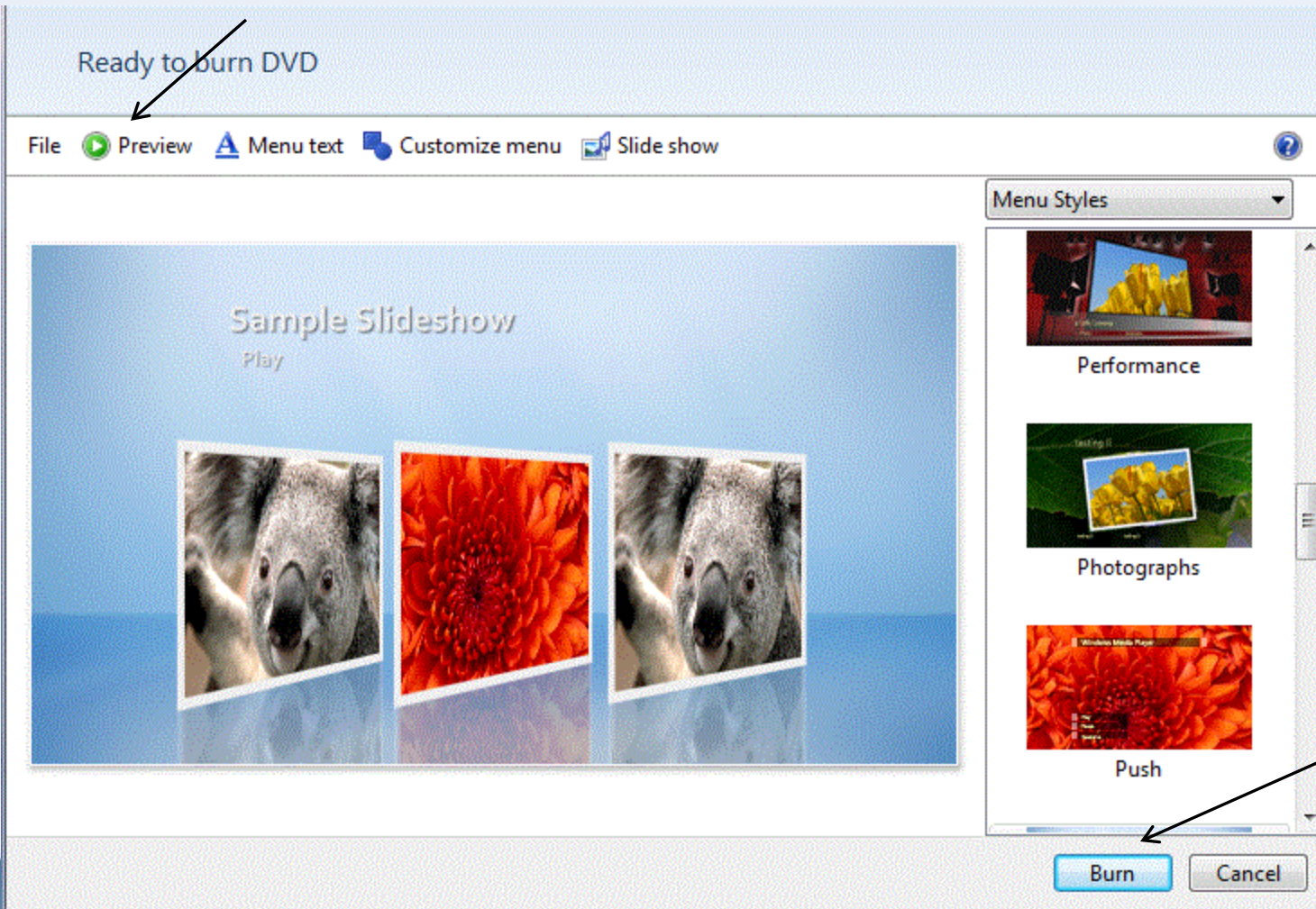
Transition: Cross fade

Use pan and zoom effects for pictures

Change Slide Show Don't Change

Experiment to see if you like Pan and Zoom








Preview the Show and "Burn" when ready



Burning the Slideshow Takes Time!

- First the computer will “Render” the slideshow
- Once “Rendered” it will burn it to the DVD
- The technical term is “authoring” the DVD
- The DVD will actually contain a video that looks like a slideshow.

What Files are on Your Slideshow DVD?

Files Currently on the Disc (7)			
 VTS_01_0.VOB	3/31/2010 1:20 PM	VOB File	51,582 KB
 VTS_01_1.VOB	3/31/2010 1:20 PM	VOB File	40,948 KB
 VTS_01_0.BUP	3/31/2010 1:20 PM	BUP File	18 KB
 VTS_01_0.IFO	3/31/2010 1:20 PM	IFO File	18 KB
 VIDEO_TS.BUP	3/31/2010 1:20 PM	BUP File	14 KB
 VIDEO_TS.IFO	3/31/2010 1:20 PM	IFO File	14 KB
 VIDEO_TS.VOB	3/31/2010 1:20 PM	VOB File	8 KB

Doesn't make much sense does it? But it Works!

Compare the Slideshow with a Video CD

- Video CD has a pixel resolution of 352x240 and a 4:3 aspect ratio
- Widescreen DVD has a pixel resolution of 1280x720
- The difference in quality is dramatic

Cautions and Comments

If you want your pictures to display full screen edit them to a 16:9 aspect ratio. Use Picasa or PS Elements.

Rendering can take a long time! If you have a slow computer, be prepared to wait.

Once the DVD is created, friends cannot extract pictures. They can only make a full copy of the DVD.