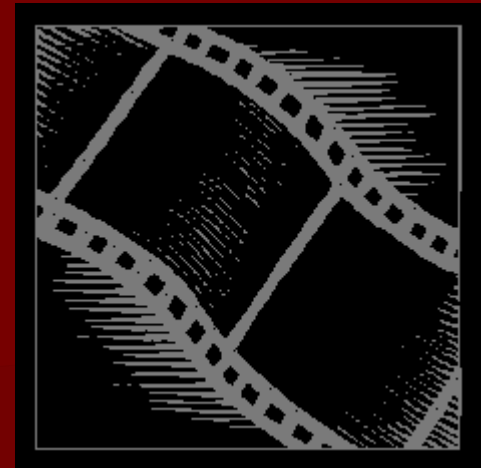


PCCLUB.ORG.UK

Wednesday, 17th Aug 2005

Stuart Crump

Video Editing – Part I of II
Tutorial 4



Get the PDF at <http://pcclub.org.uk/calendar2005.htm>

Overview

- 2 Sessions (today & 6th Sept)
- 6th Sept
 - Create a home playable DVD from scratch
 - Create title and introduction
 - Edit the video
 - Add music, transitions, and photographs
 - Add DVD chapters
 - Record to DVD

Tonight's overview

- Why would you.
 - For fun
 - Family and friends
 - Archive
 - Advertising or wannabe film director!
- You're convinced so how does it work?
 - What can I accomplish.
- What do I need and will it hurt?
 - Specification
 - Cost
- Should Steven Spielberg or Peter Jackson be worried?
- Look at Pinnacle Studio 9.4.3Plus
- Things to think about...

Why would you?

- For fun
 - You've got the equipment and know how so why not!
- Family and friends
 - Keeping in touch
 - Special days
- Archive
 - Family, business, project build, progress in general
- Advertising
 - Your abilities, events, etc..
- Income?
 - Make some money in your spare time doing what others don't have the time or inclination to do.

Convinced? What can I do?

- What you get today on TV
 - Apart from rubbish like Big Brother!
- Each programme consists of...
 - A title (with music)
 - Introduction?
 - A set of "shots" cut together in a nice way to tell a story A **shot** being is a specific subject filmed from a specific angle
 - A fairly high number of shots
 - 10 or 15 seconds max in 1 angle or position
 - Cuts between different angles
 - Interesting transitions between the shots
 - Music
 - Narration
 - Background music
 - Static images
 - Subtitles or legends on some of the shots to identify people, places and things
 - Change of tempo (music and video)
- A DVD might include chapters, photos, interviews, outtakes,

What can I do?

- Everything on the last slide
 - Honest!
- Does depend on the source
 - A course or club might help.
- Blair Witch Project did



Convinced? How does it work

- What you get today on TV
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How does it work



Project

Music
DVD Titles
Narration
Photographs

The central part of the diagram features a screenshot of the Pinnacle Studio software interface, showing a multi-track timeline with video and audio tracks. Below the screenshot, the word "Project" is written. At the bottom, a list of content types is displayed: "Music", "DVD Titles", "Narration", and "Photographs". A green arrow points upwards from this list towards the software interface.

How long does it take?

- As usual it depends
- Equipment, software and source
- Plan (on paper!)
- Wait for the winter nights.
 - Cheer people up with a summer vacation video.
- Practice (1hr a night over a few weeks)
- End results, my experience...
 - 1hr > 10mins in ~1-2 weeks
 - ...that's 1hr a night, week nights.

What 3 things do I need?

■ **Minimum**

- 1. Computer
- 2. Video editing software
- Friend with source

■ **Better**

- 1. Computer
- 2. Video editing software
- TV capture card or
- Webcam or
- Analogue camera or
- 3. Digital camera

■ **Optimum**

- 1. Computer
- 2. Video editing software
- Photo editing software
- 3. Digital camera
- Microphone
- Green screen
- Access to music / SFX

1. Computer

■ **Minimum**

- Pentium III 500Mhz
- Windows 95/ME
- 512Mb RAM
- 20Gb Hard disk (C:\)
- Firewire

■ **Better**

- Pentium 4 or AMD Athlon 1900Mhz
- Windows XP/2000
- 512Mb RAM
- 60Gb Hard disk (D:\)
- Firewire

■ **Optimum**

- Pentium 4 3.xGhz or AMD 64
- Windows XP/2000
- 1Gb RAM
- 250Gb Hard disk (D:\)
- Firewire
- Second monitor?

■ *ALL will need a DVD writer/burner*

■ *All will need a good graphics card*

2. Video Editing Software

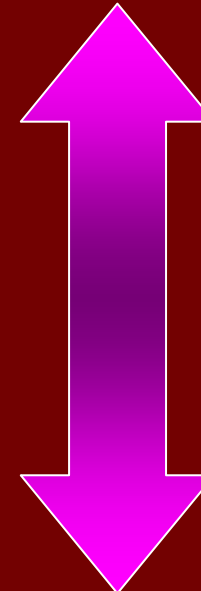
- Over 13+ editing packages to choose from
 - Unfortunately 13+ to choose from!
 - Most have trial periods
- What you should look for
 - Primarily ease of use
 - A good rounded set of features
 - Easy installation, config and add-ons/plug-ins
 - Help, books, websites, documentation and forum support

2. Video Editing Software

- 13+ major commercial video editing software packages

1. Adobe Premiere Pro (v. expensive!)
2. **Adobe Premiere Elements**
3. **Ulead Video Studio 8**
4. WinDVD Creator 2
5. **Pinnacle Studio 9.3Plus**
6. Power Director 4
7. VideoWave 7
8. DVD Movie Factory
9. My DVD 5
10. Murvee Auto Producer
11. Video Magic
12. Power Producer 2
13. **Microsoft Movie Maker 2.1**

Expensive (less than £100)



FREE

- ★★★★ Excellent
- ★★★★ Very Good
- ★★★ Good
- ★★ Fair
- ★ Poor

Power Director 4
 Ulead Video Studio 8
 Pinnacle Studio 9
 VideoWave 7
 WinDVD Creator
 DVD

Rank	GOLD	SILVER	BRONZE	4	5	6
Reviewer comments	READ REVIEW	READ REVIEW	READ REVIEW	READ REVIEW	READ REVIEW	READ REVIEW
Lowest price	BUY	BUY	BUY	BUY	BUY	BUY
	\$79.95	\$99.95	\$89.99	\$49.95	\$99.95	\$49.95
Overall Rating	★★★★	★★★	★★★	★★★★	★★★	★★★★

Ratings						
Feature Set	★★★★	★★★★	★★★	★★★★	★★★★	★★★★
Ease of Use	★★★★	★★★	★★★	★★★★	★★★★	★★★★
Support & Documentation	★★★★	★★★	★★★	★★★★	★★★★	★★★★
Installation & Setup	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★

Video Capture Features						
Batch Capturing	✓	✓				
Analog Capture (VHS, TV, Hi8, 8mm)	✓	✓	✓	✓		
DV Capture (Digital Camcorder)	✓	✓	✓	✓	✓	✓
Micro DV Capture	✓	✓	✓			✓
Scene Content Detection	✓	✓	✓		✓	
DV Time Scene Detection	✓	✓	✓		✓	
Digital Photo Import	✓	✓	✓	✓	✓	✓
Video Files Import	✓	✓	✓	✓	✓	✓

Video Editing Features						
Story Board Editing	✓	✓	✓	✓	✓	✓
Timeline Editing	✓	✓	✓	✓	✓	
Divide Scene Capability	✓	✓	✓	✓	✓	
Video Overlay	✓	✓	✓	✓		
Title Overlay	✓	✓	✓	✓	✓	
Title Templates Provided	57	7	26	9	61	0
Title Customization	✓	✓	✓	✓	✓	
Video Transitions	✓	✓	✓	✓	✓	
Includes 3D Transitions	✓	✓	✓	✓	✓	

Publishing Methods or Output Formats										
VHS or TV	✓	✓	✓			✓		✓		
MPEG-1 format	✓	✓	✓	✓	✓	✓		✓	✓	✓
MPEG-2 format	✓	✓	✓	✓	✓	✓		✓	✓	✓
Video CD (VCD)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Super Video CD (SVCD)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DivX CD	✓								✓	✓
DVD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DVD-VR	✓	✓						✓		
Double-layer DVD	✓			✓						
DV Camcorder	✓	✓	✓	✓				✓	✓	✓
Micro-DV Camcorder	✓	✓	✓	✓				✓	✓	✓
Real Video	✓	✓	✓	✓	✓			✓		✓
Windows Media	✓	✓	✓	✓		✓			✓	✓
Quicktime	✓									✓
Email		✓	✓	✓	✓					✓
Electronic Greeting Card		✓								

<http://tinyurl.com/4z699>

FAQ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Knowledge-base	✓	✓	✓	✓	✓	✓	✓	✓		
Tutorial	✓	✓	✓	✓	✓	✓	✓			
Technical Support Forum								✓		
User Forum		✓	✓	✓	✓	✓	✓			
Downloadable Updates	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Email Support	✓					✓				✓
Product details	Detail	Detail	Detail	Detail	Detail	Detail	Detail	Detail	Detail	Detail

Supported Configurations										
Windows XP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2000	✓	✓	✓	✓	✓	✓	✓		✓	✓
Windows ME	✓	✓	✓	✓					✓	✓
Windows 98 SE	✓	✓	✓	✓					✓	✓

Rank	GOLD	SILVER	BRONZE	4	5	6	7	8	9	10
TOP TEN PRODUCTS	Power Director 3	Video Studio 7	Pinnacle Studio 8	Video Wave 5	WinDVD Creator	DVD Movie Factory	Power Producer	MyDVD 5	Muvvee Auto Producer	Video Magic

2. Video Editing Software

■ Links

- Video definitions - <http://tinyurl.com/d5s3p>
 - <http://video-editing-software-review.toptenreviews.com/report-definitions.html>
- Video Editing Reviews - <http://tinyurl.com/4z699>
 - <http://video-editing-software-review.toptenreviews.com/>
- ULEAD - <http://tinyurl.com/jx01>
 - <http://www.ulead.com/vs/runme.htm>
- Pinnacle – <http://tinyurl.com/d4vxg>
 - http://pinnaclesys.com/PublicSite/uk/Products/Consumer+Products/Home+Video/Studio+Family/discover_studio.htm
- Adobe - <http://tinyurl.com/3r536>
 - <http://www.adobe.com/products/premiereel/main.html>
- Microsoft - <http://tinyurl.com/53yvx>
 - <http://www.microsoft.com/windowsxp/using/moviemaker/default.mspx>

3. Camera Formats

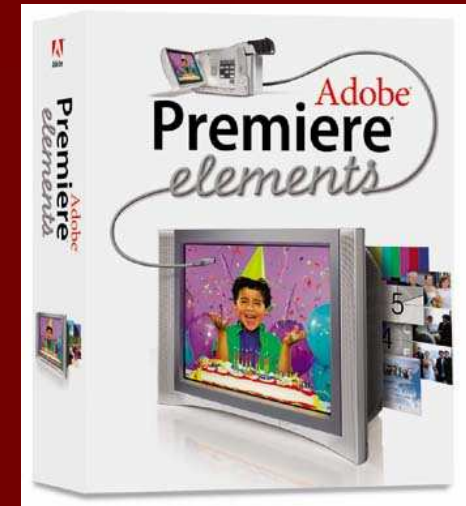
- MiniDV (*sony MicroDV*)
 - Tape based ~60-90mins
 - 500 lines resolution
- Digital8
 - Tape based ~60mins
 - Cheaper tapes
- DVD
 - DVD based
 - Records to tracks
 - ~30-120mins
- Solid State
 - Very new and limited



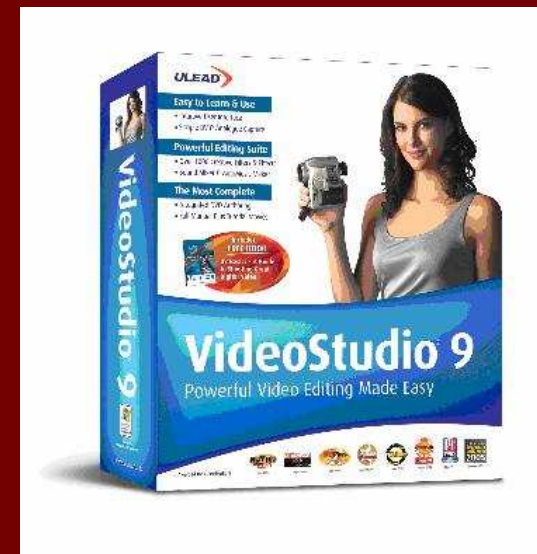
3. Digital Camera

- Handy, Small but not too small!
- Good, and large built-in screen
- DV in (if possible) and OUT
- Best optical zoom possible
- Digital not analogue!
- Avoid DVD or solid state for now...
- <http://www.camcorderinfo.com/>

Look at Pinnacle Studio 9.4.3Plus



But don't forget these two



Things to think about

- Different angles
- Local sounds
- Still shots
- Save memorabilia
 - Tickets, postcards etc...
- Make sure your'e in the video
 - Stills or tripod will help
- Timeline
 - Diary of where, when, who...

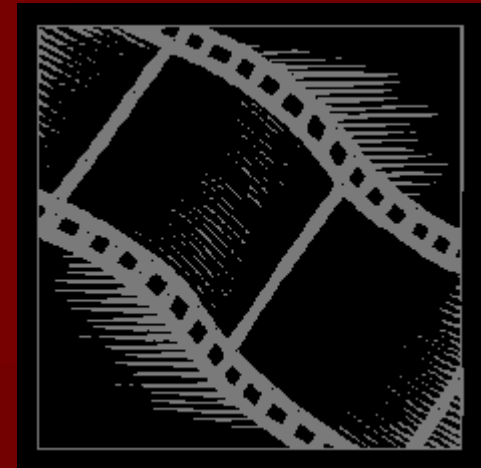
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Thank you

Any questions



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