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!

- Your 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
  - 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, out-takes,
How does it work

Project

Music
DVD Titles
Narration
Photographs
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
## Video Editing Software

<table>
<thead>
<tr>
<th></th>
<th>Power Director</th>
<th>Video Studio 3</th>
<th>Pineapple Studio 9</th>
<th>VideoWave 7</th>
<th>WinDVD Creator</th>
<th>DVD Factory</th>
<th>DVD Movie Maker</th>
<th>Power Producer</th>
<th>My DVD 6</th>
<th>My Movie Auto Producer</th>
<th>Video Magic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Publisher</strong></td>
<td>sp Silva</td>
<td>Corel</td>
<td>Pinnacle Systems</td>
<td>VideoWave</td>
<td>WinDVD</td>
<td>Corel</td>
<td>Corel</td>
<td>Corel</td>
<td>Corel</td>
<td>Corel</td>
<td>Corel</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>4</td>
<td>9</td>
<td>9</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td><strong>License</strong></td>
<td>Perpetual</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
<td>Educational</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>$79.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
<td>$99.95</td>
</tr>
<tr>
<td><strong>Support</strong></td>
<td>Excellent</td>
<td>Good</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

### Ratings

- **Feature Set**
- **Ease of Use**
- **Support & Documentation**
- **Installation & Setup**

### Video Capture Features

- Batch Capture
- Analog Capture (VHS, TV, Hi8, 8mm)
- DV Capture (Digital Camcorder)
- Mini DV Capture
- Scene Content Detection
- D1 Time Sence 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 29 0 81 0
- Title Customization
- Video Transitions
- Includes 3D Transitions

### Supported Configurations

- Windows XP
- Windows 2003
- Windows ME
- Windows 98 SE
- Windows 7
- Windows 8
- Windows 10

### Supported Formats

- VHS or TV
- MPEG-1 format
- MPEG-2 format
- Video CD (VCD)
- Super Video CD (SVCD)
- DVD-CD
- DVD
- DVD-VR
- Double-layer DVD
- DVD Camcorder
- Mini-DV Camcorder
- Real Video
- Windows Media
- Quicktime

### Additional Features

- FAQ
- Knowledge Base
- Tutorial
- Technical Support Forum
- User Forum
- downloadable Updates
- Email Support

### Top Ten Products

<table>
<thead>
<tr>
<th>Product</th>
<th>Power Director 4</th>
<th>Video Studio 7</th>
<th>Pineapple Studio 9</th>
<th>VideoWave 6</th>
<th>WinDVD Creator</th>
<th>DVD Movie Factory</th>
<th>Power Producer</th>
<th>My DVD 6</th>
<th>My Movie Auto Producer</th>
<th>Video Magic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rating</strong></td>
<td>Gold</td>
<td>Silver</td>
<td>Bronze</td>
<td>4</td>
<td>3</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>3</td>
<td>10</td>
</tr>
</tbody>
</table>
2. Video Editing Software

Links

- Video definitions - http://tinyurl.com/d5s3p
  - http://video-editing-software-review.toptenreviews.com/
- ULEAD - http://tinyurl.com/jx01
  - http://www.ulead.com/vs/runme.htm
- Pinnacle – http://tinyurl.com/d4vxq
  - http://pinnaclesys.com/PublicSite/uk/Products/Consumer+Products/Home+Video/Studio+Family/discover_studio.htm
- Adobe - http://tinyurl.com/3r536
- Microsoft - http://tinyurl.com/53yvx
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 to 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...

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 you’re in the video
  - Stills or tripod will help
- Timeline
  - Diary of where, when, who...
Thank you

Any questions

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