

Chelmsford Camera Club

Practical Session
January 24th 2008

Digital AV



Chelmsford Camera Club

Putting your digital
images to sound.



Digital Audio Video

- Agenda for tonight
 - What is Digital AV?
 - Software Needed
 - Demonstrate the Software
 - Build an AV
 - View some Completed AV's
 - Depends on time available



Digital Audio Video

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Please ask any questions as
we go along.

Digital Audio Video

- We no longer need:
 - 2 x 35mm slide projectors
 - A cassette recorder
 - And a prayer every time the slide show is run



Digital Audio Video

- We now need:
 - A computer
 - Various software applications
 - A projector or TV
 - Can even publish your AV's to YouTube on the web.

Digital Audio Video

- The computer – any modern computer will do, Windows 2000, XP, Vista
 - The software we need:
 - is a program to create the AV,
 - A way of extracting tracks from a CD,
 - a program to edit audio,
 - a program to edit images.
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Digital Audio Video

- AV Software
 - Pictures to Exe
 - Proshow Gold
 - ...
 - Audio Software
 - Audacity (Free)
 - Adobe Audition (£200)
 - ...
 - Image editing software
 - Photoshop, Elements
 - Paintshop Pro
 - ...
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Digital Audio Video

- Pictures to Exe
 - This is the most widely used application
 - All of last years East Anglia competition entries were P2E
 - Available as a download from www.wnsoft.com
 - 2 versions
 - Standard \$39
 - Deluxe (includes burn to DVD functions) \$59
 - Can upgrade from v4 to Deluxe
 - License fee is perpetual, all future upgrades are included.
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Digital Audio Video

- Proshow Gold
 - Not so widely used as P2E, but preferred by some users.
 - Available as a download from www.photodex.com
 - 1 version
 - \$69.95
 - License fee is perpetual, but free upgrades only for the first year – then have to pay support charge of \$44.95.

Digital Audio Video

- Audio Software
 - If you want to do nothing more sophisticated than use a complete track from a CD then you can rip the track using Windows Media Player or equivalent.
 - However most AV's will require some editing of the track:
 - Fade in / out
 - Cut bits out
 - Mix 2 or more tracks together
 - The best free tool is Audacity
 - Also Google for CoolEdit Pro/2000
 - Voice overs – buy a good quality microphone
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Digital Audio Video

- Image Editing Software
 - Do all Sharpening, Saturation, Brightness etc. at full image size.
 - You are going to need to resize images (1024x768)
 - Crop
 - Merge (the Third Image)
 - Mono
 - Titles, Text – avoid P2E not good
 - Etc.
 - It is much easier to create merged images if your editing software allows creation and saving of layers.
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Digital Audio Video

- Work Tidy and use Folders
 - e.g.
 - “My Documents”
 - P2E Projects
 - AV Project 1
 - Folder for Audio (for all sound files – best to use mp3)
 - Folder for Original Images
 - Folder for Show Images (edited images you will use)
 - Folder for Photoshop Images (layered psd files)
 - Also store application files and created shows
 - AV Project 2
 - Folder for Audio (for all sound files)
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 - BACKUP to CD or another Hard Disk

Digital Audio Video

- Copyright
 - Music
 - There is plenty of copyright free music available
 - See Barry Beckham web site
 - If going to use any copyright music then you need an MCPS license c£8.50 pa
 - See DIGITAL AV page on web site for more info.
 - Images that are in the public domain can be used in AV's, although if entering competitions then this needs to be declared.

Digital Audio Video

- Health Sanity Warning:
 - Hours and hours can disappear as you plan, create, tweak, tweak, tweak, tweak, tweak, OK just one final tweak then.
 - A recent AV I created runs for 10 minutes but it took about 20 hours to make.

Digital Audio Video

- Let's look at:
 - Pictures to Exe v5 Deluxe
 - Was in Beta test for a year, at least 11 published versions
 - Major changes in v5 were:
 - Pan and Zoom (use with extreme caution – not liked by Judges !)
 - Better Graphic Card support
 - Burn AV to DVD
 - ProShow Gold 3
 - Audacity
 - CoolEdit
 - Adobe Audition 1.5
 - And start to build an AV
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Digital Audio Video

- Club Web Site 'Digital AV' Page – it's all there !
 - Chelmsford Camera Club first AV competition on 19th March (Entries on 5th March)
 - East Anglian AV competition in Rayleigh on Saturday 15th March 9.45am to 10pm
 - East Anglian AV day with Richard Brown (FRPS FIPF E.FIAP) & Keith Brown (FRPS FIPF E.FIAP MPAGB) in Rayleigh Saturday 26th April 10am to 5pm, £10.
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