

Getting video into training

Jim LaDue

WDTB

AWOC facilitator workshop



This is really a story about the usefulness of including video in training

Part 3 The Meteorology Behind Extreme Rain Events (23:25 / 40:02) ATTACHMENTS

Flash Flood Warning Best Practices

 James G LaDue
Meteorologist instructor,
Warning Decision Training
Branch

Email

Outline Thumbnails Notes Search

- 13. When the Standard Ingredients are not Ex
- 14. PW Climatology - Midland, TX
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- 16. Upward Moisture Flux by Convective Instat
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2010 May 14 – Pre-storm Threat



The initial cells form and move to the north into the cool air while new cells form at the forcing foci.

01:18 / 01:51

articulate POWERED PRESENTATION

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Followed by a story about my battle in getting the video to work.

Three examples of conveying the same information

Scripted narration traditional

Somewhat scripted video narration

Unscripted conversational video

play

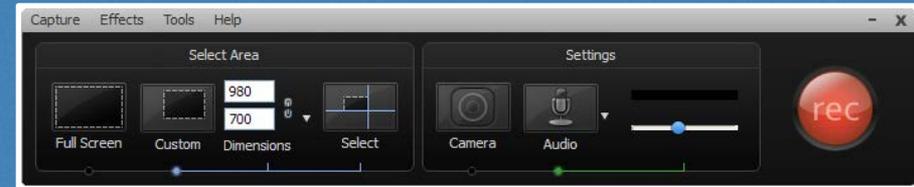
Capture process

Linux



- recordMyDesktop
- <http://recordmydesktop.sourceforge.net/about.php>
- Use 'Advanced' button to make sure you have correct audio input.
 - I use HW:1,0
- Output video is an open standard .OGV ←
- Linux movieplayer verifies I have a good capture

Windows



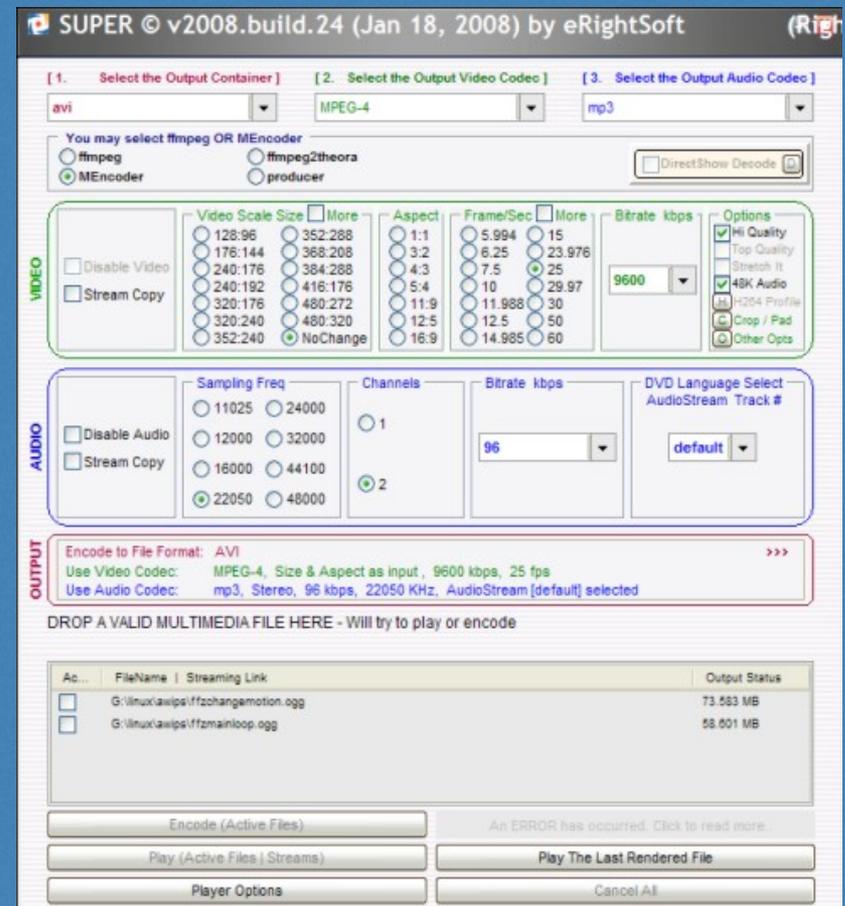
- To capture D2D, I use xconfig

Hardly anybody in Windows/Mac reads a .OGV video

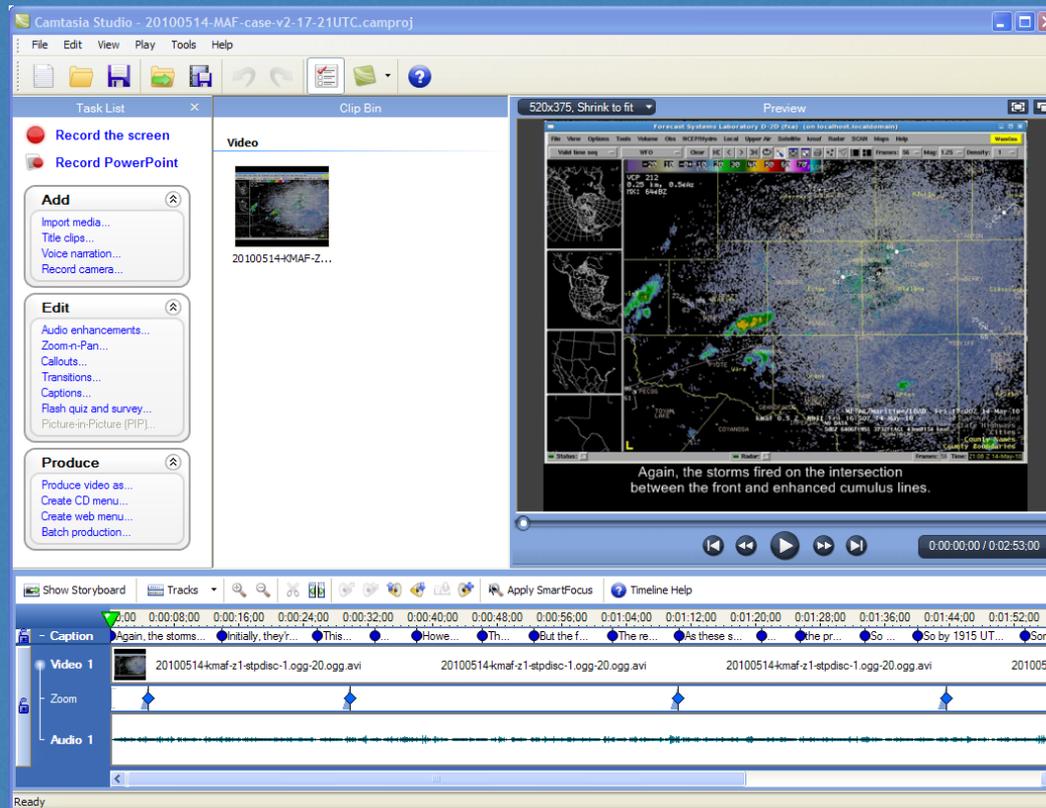
- But there's a couple
 - Super © <http://www.erightsoft.com/S6Kg1.html>
- Online converter
 - <http://www.online-convert.com/>
 - I never tried this.

Super © video converter

- Very good at converting anything to anything
- I do the following for video
 - Use output container AVI
 - Output video codec
 - H.264 or Mpeg-4
 - output bitrate 9600 kbps
- For audio
 - Output audio codec MP3
 - Sample frequency: 22050 Hz
 - Be careful about audio quality. DVDs use 44.1 kHz

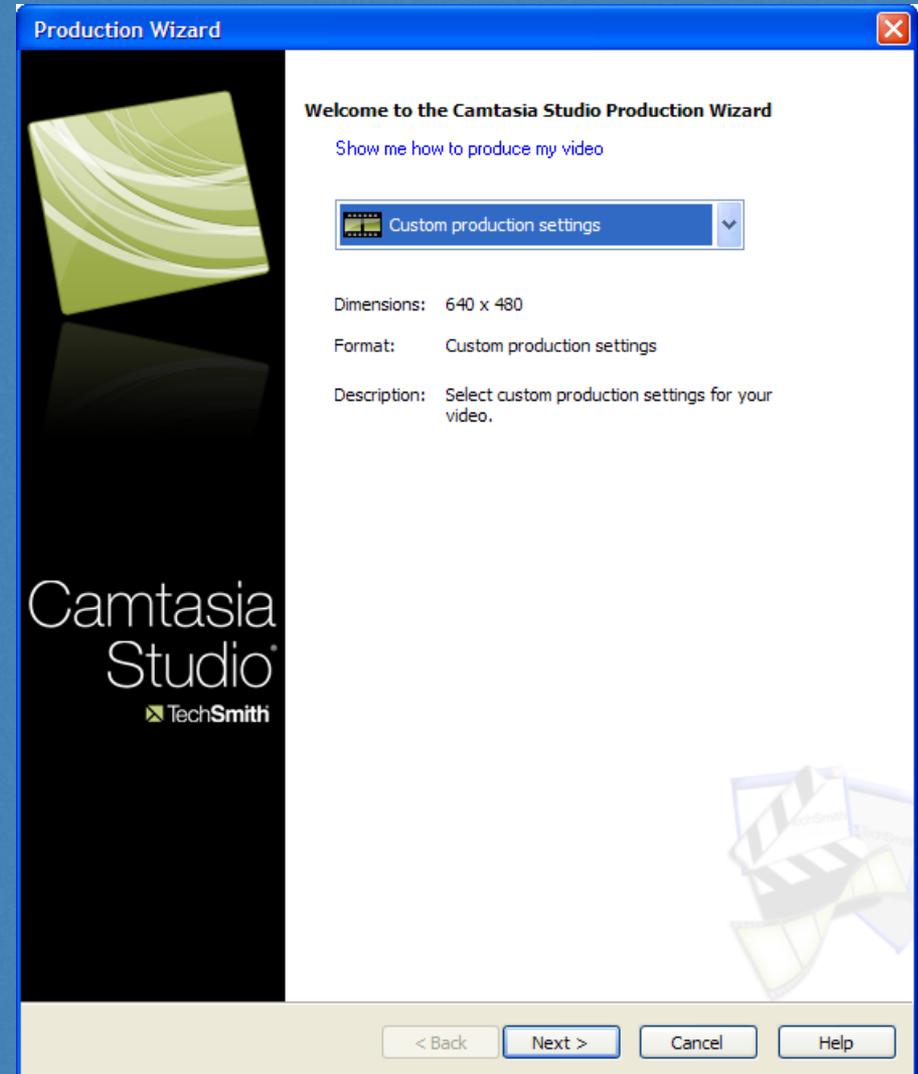


Camtasia is a good tool for production



though there are subtleties in getting it to play on your machine, and in articulate

Camtasia production settings



Camtasia video formats

Production Wizard

How would you like to produce your video?
Select the file format for production of your final video.

Recommended

MP4/FLV/SWF - Flash output

Other formats

WMV - Windows Media video [Help me choose a file format](#)

MOV - QuickTime movie

AVI - Audio Video Interleave video file

M4V - iPod, iPhone, iTunes compatible video

MP3 - audio only

RM - RealMedia streaming video

CAMV - Camtasia for RealPlayer streaming video

GIF - animation file

Additional output options

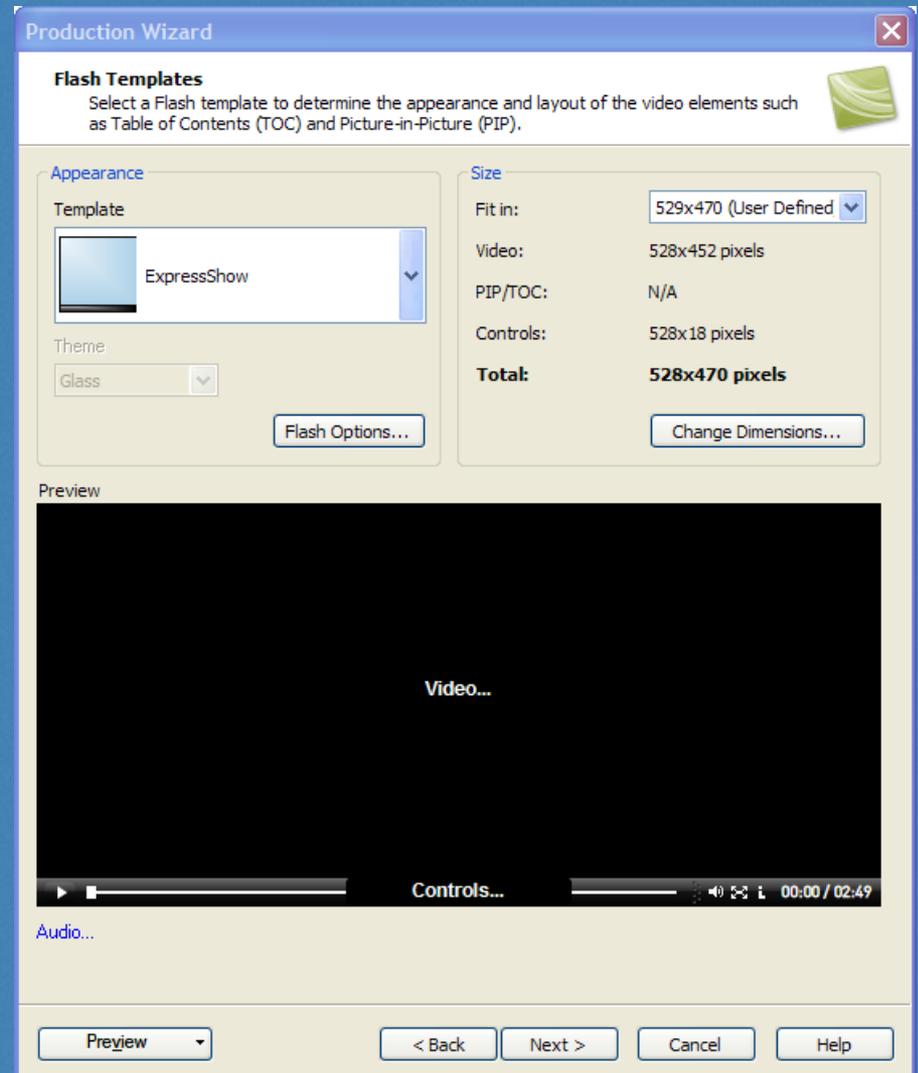
Create MP3 File: 22.050kHz, Mono, 24kBits/sec

Create M4V File: iPod High (320x240)

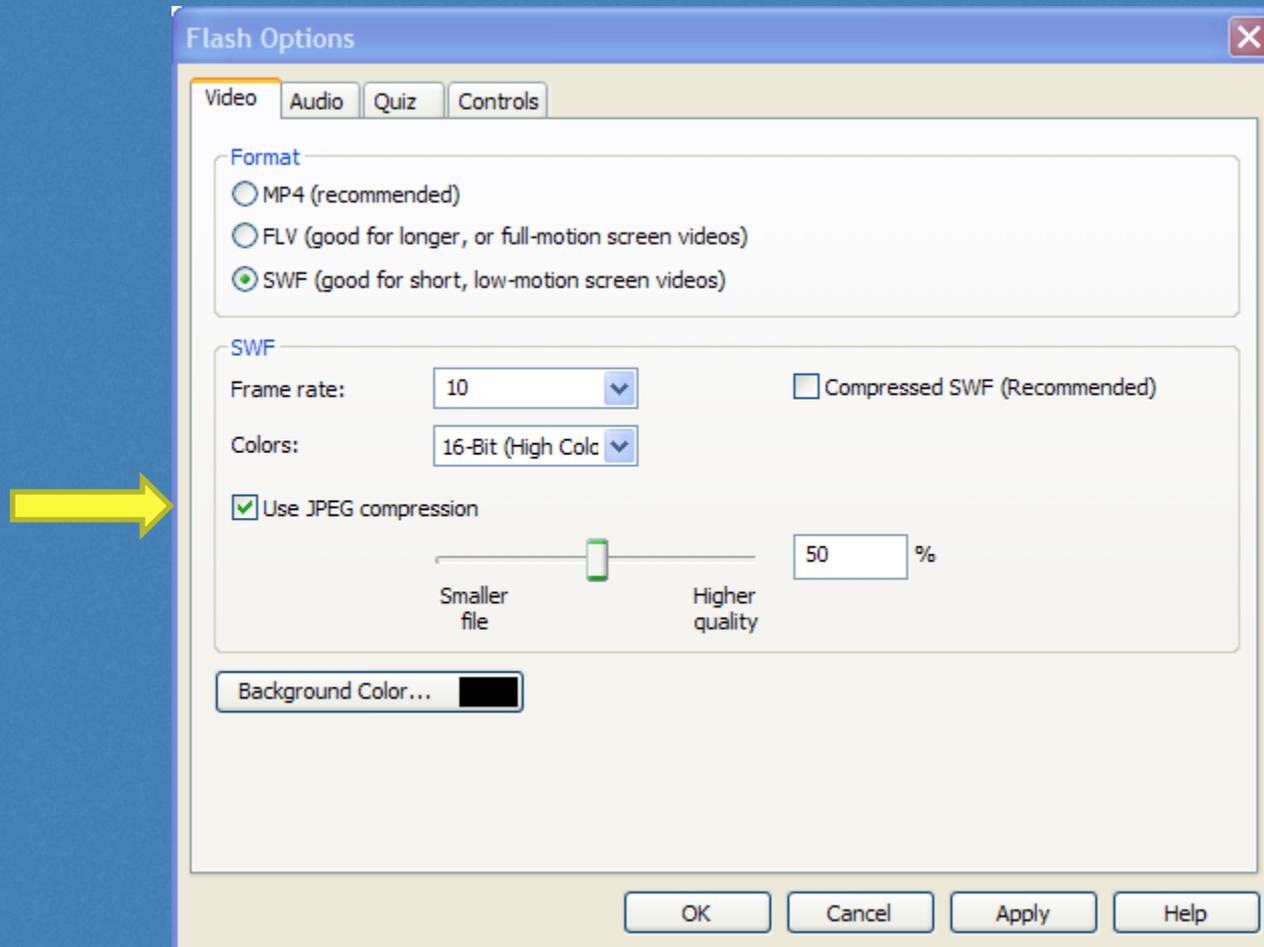
< Back Next > Cancel Help

Video dimensions

- These dimensions include the captions
- Then add the control bar below (18 pixels)

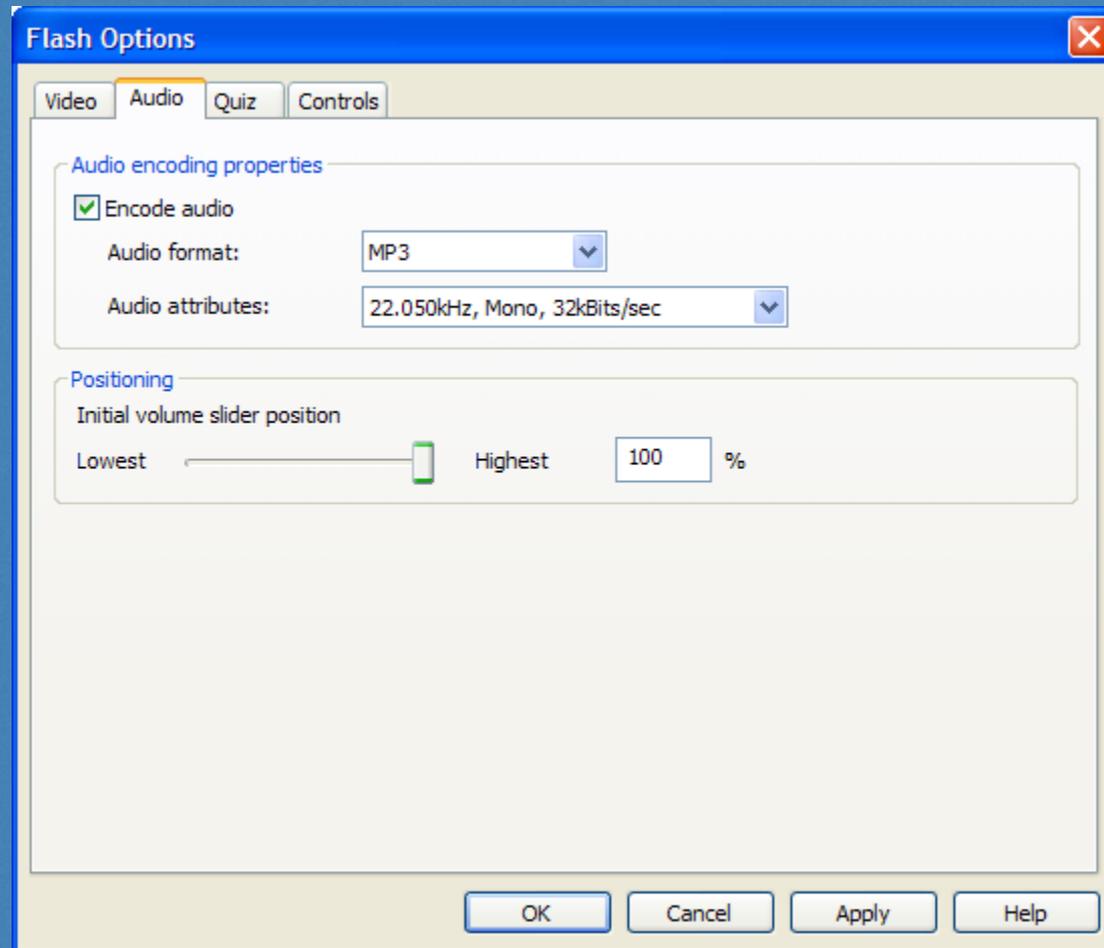


Video settings



FLV and SWF are universal. Make sure you can play MP4

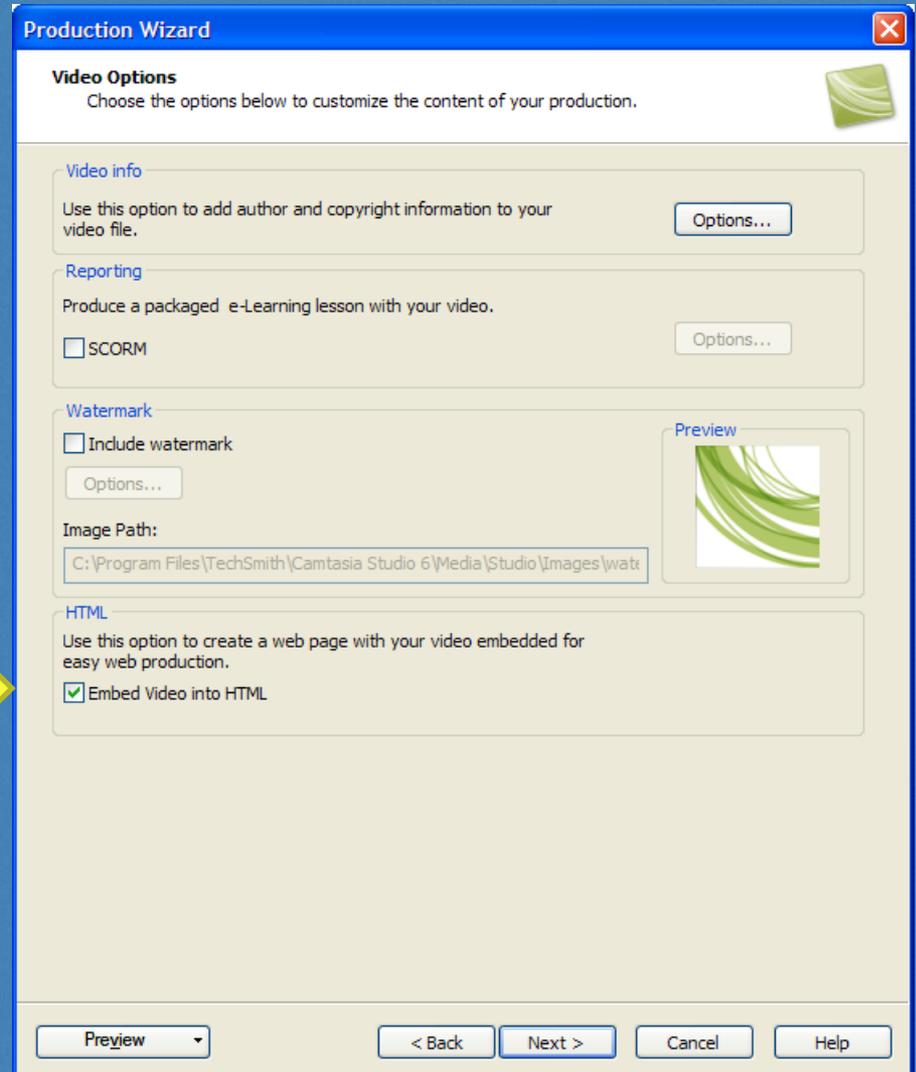
Audio settings



If you inport video, match its audio quality

Embed video in html

- This creates html files I can put on the web, or in Articulate.



Output produced video

Production Wizard [X]

Produce Video
Select the output location and optional upload options. Click Finish to produce your video.

Output file

Production name:
20110427-PreTuscaloosastorm

Folder:
C:\DATA\Training\AWOC-facworkshop-2011\

Organize produced files into sub-folders

Post production options

Show production results Play video after production (before upload)

Upload to Screencast.com

Upload video to Screencast.com [What is Screencast.com?](#)

 **Screencast.com**
TechSmith

Upload by FTP

Upload video by FTP

These files will be created upon production:

Folder:
C:\DATA\Training\AWOC-facworkshop-2011\20110427-PreTuscaloosastorm\

Files:
20110427-PreTuscaloosastorm.mp4
20110427-PreTuscaloosastorm_controller.swf
20110427-PreTuscaloosastorm.html

Preview [v] < Back Finish Cancel Help

Sanity check

Production Results

Production is complete.
The production results are listed below.

Production results

- swfobject.js
- expressInstall.swf
- FirstFrame.png

Content duration: 00:02:49 (hh:mm:ss)
Content size: 10.86 MB (total)
10.47 MB (movie)
399.18 KB (controller)

Video Dimensions: 528x385
Total Dimensions: 528x453

Production Options:

- Frame Rate: Automatic
- Key frame rate: 5
- Pause at start: Enabled
- Bitrate Mode: Quality Mode
- Video Quality: 50 %
- Audio Bitrate: 40 kbps
- Audio Format: AAC
- Watermark: Disabled
- Table of Contents: Disabled
- SCORM: Disabled

[Create a production preset](#)

You can save your settings as a Production Preset to make future productions faster and easier.

[Create Production Preset...](#)

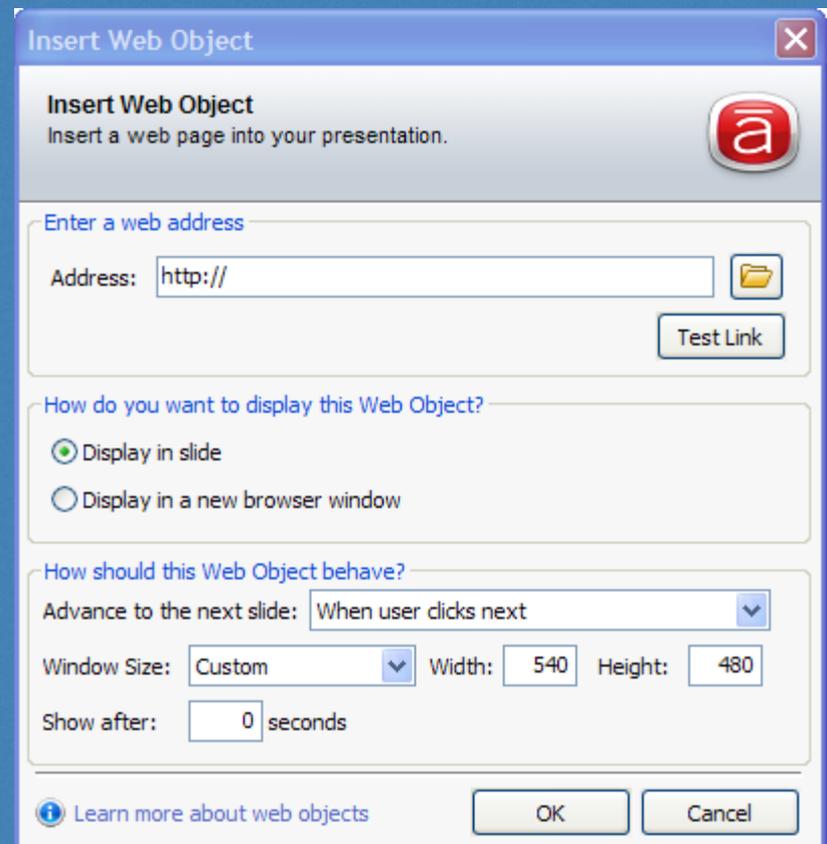
[Open Production Folder](#)

< Back **Finish** Cancel Help

Embedding video into Articulate

- Insert web object
- It wants an index.html
 - I need to rename the html file from Camtasia output
- Window size – Custom
 - Need to make sure size includes full video, controls, and padding in html file.

From top of powerpoint bar (v2007)



Embedding video into Articulate Html file padding

- Camtasia adds huge amounts of padding in
 - Margin-top
 - Width
 - Height
 - Padding
- I reduce those to very small values as seen right.

```
}  
#media  
{  
→ margin-top: 1px;  
}  
#noUpdate  
{  
    margin: 0 auto;  
    font-family:Arial, Helvetica, sans-serif;  
    font-size: x-small;  
    color: #cccccc;  
    text-align: left;  
→ width: 2px;  
→ height: 2px;  
→ padding: 1px;
```

Finished Articulate

Part 3 The Meteorology Behind Extreme Rain Events (23:25 / 40:02) ATTACHMENTS

Flash Flood Warning Best Practices

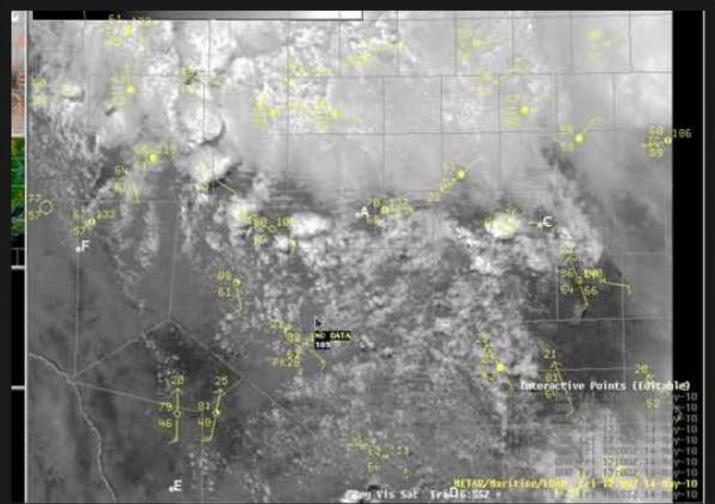
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Useful links

- But there's a couple
 - Super © <http://www.erightsoft.com/S6Kg1.html>
- Online converter
 - <http://www.online-convert.com/>
- Codec guides
 - <http://www.codecguide.com/>

Summary

- The world of video is a convoluted mess of codecs, containers, and compatibility issues.
- Your work flow may vary depending on your circumstances
- Good practices:
 - Lots of interactivity
 - Quizzes in Camtasia
 - Captioning (paraphrasing)
 - Summarizing what was in the video after