



MICHAEL HANLEY CONSULTING
E-Learning & Digital Media Solutions

Advanced Practical: Using Camtasia

This is an advanced practical covering how to use Techsmith Camtasia to create a simple learning object.

Why Michael Hanley Consulting?

Experience

Over 10 years experiencing developing learning

Expertise

A deep understanding of clients' training and development needs

Processes

Highest-level project management, internal technologies, and best practices

Proficiencies

Creativity, quality control, technical aptitude, proprietary technologies

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Advanced Practical: Using Camtasia

Advanced Practical: Using Camtasia

Advanced Practical

- ▶ Create a learning object using Camtasia
- ▶ Objective: convert a PowerPoint presentation into a Web-deliverable format
- ▶ Guidelines:
 - ▶ Your presentation must contain the following elements
 - ▶ An PowerPoint slides
- ▶ Format
 - ▶ The published file must be a Flash Movie (FLV or SWF) file
 - ▶ FLV must play back in a browser such as IE or Mozilla



Advanced Practical

Create a learning object using Camtasia

Objective: convert a PowerPoint presentation into a Web-deliverable format

Guidelines:

Your demo must contain the following elements

An PowerPoint slides

Transport controls and progress bar

Format

The published file must be a Flash Movie (FLV or SWF) file

FLV must play back in a browser such as IE or Mozilla

Task Breakdown 1

- ▶ **Prepare your collateral material**
 - ▶ Open PowerPoint
 - ▶ Create a new presentation using the default template
 - ▶ Add the text “My First Presentation” to the textbox
 - ▶ Save the PowerPoint presentation



Task Breakdown I

Prepare your collateral material

Open PowerPoint

Create a new presentation using the default template

Add the text “My First Presentation” to the textbox

Save the PowerPoint presentation

Task Breakdown 2

- ▶ Launch Camtasia
- ▶ In the Task List, select **Record PowerPoint**.
- ▶ Microsoft PowerPoint opens. Open your PowerPoint presentation to record.
- ▶ Select the recording options from the PowerPoint Add-in Toolbar.
 - ▶ To record voice narration, enable **Record Audio**. 
 - ▶ To record camera video (Picture-in-Picture), enable **Record Camera** . 
 - ▶ To preview the camera stream while recording, enable **Camera Preview** . 
 - ▶ Click **Camtasia Studio recording options** to change the settings. 



Task Breakdown 2

Launch Camtasia

In the Task List, select **Record PowerPoint**.

Microsoft PowerPoint opens. Open your PowerPoint presentation to record.

Select the recording options from the PowerPoint Add-in Toolbar.

To record voice narration, enable **Record Audio**.

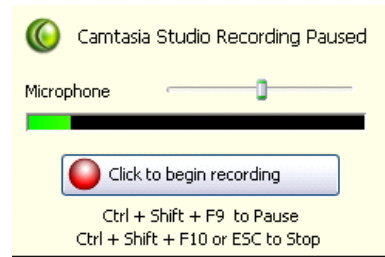
To record camera video (Picture-in-Picture), enable **Record Camera** .

To preview the camera stream while recording, enable **Camera Preview** .

Click **Camtasia Studio recording options** to change the settings.

Recording your presentation

- ▶ In the Camtasia Recorder API, click on the Click to begin record button
- ▶ The Camtasia Recorder API is minimised
- ▶ If you have chosen to disable Hardware Acceleration (recommended), your screen may “black out” for a moment as your PC is reconfigured
- ▶ Recording begins
- ▶ **Record your presentation**
 - ▶ When you’re done, press F9 to end the recording
 - ▶ The Save Camtasia Recording dialog is displayed.
 - ▶ Name your file myPresentation.camrec and save to the default Camtasia directory



Recording your presentation

In the Camtasia Recorder API, click on the Click to begin record button

The Camtasia Recorder API is minimised

If you have chosen to disable Hardware Acceleration (recommended), your screen may “black out” for a moment as your PC is reconfigured

Recording begins

Record your presentation

When you’re done, press F9 to end the recording

The Save Camtasia Recording dialog is displayed.

Name your file myPresentation.camrec and save to the default Camtasia directory

Edit your content

- ▶ In Camtasia, open your recording
 - ▶ Your recording is displayed
 - ▶ Review your presentation
 - ▶ Use the Timeline tools to make any edits to the content (if required)
 - ▶ Save your presentation



Edit your content

In Camtasia, open your recording

Your recording is displayed

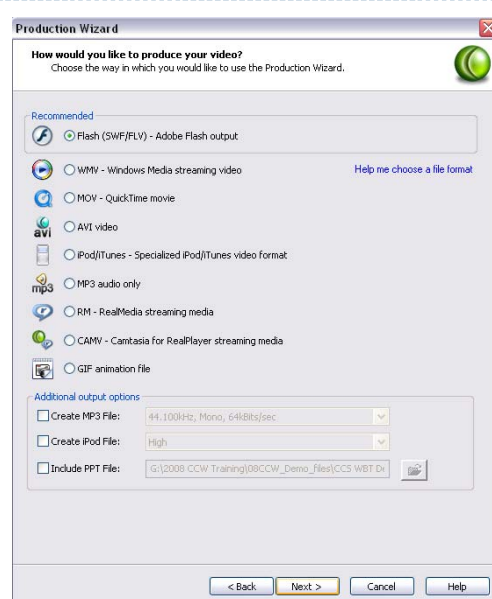
Review your presentation

Use the Timeline tools to make any edits to the content (if required)

Save your presentation

Publishing your content

- ▶ Select Produce >> Produce Video As...
- ▶ The Production Wizard is displayed
- ▶ Click on the Custom Production Settings radio button and click on Next
- ▶ Choose the Flash (SWF/FLV) radio button.
- ▶ Click on Next



Publishing your content

Select Produce >> Produce Video As...

The Production Wizard is displayed

Click on the Custom Production Settings radio button and click on Next

Choose the Flash (SWF/FLV) radio button. Click on Next

The Flash Template screen is displayed

In the Appearance pane, select Template: >> One Video with TOC

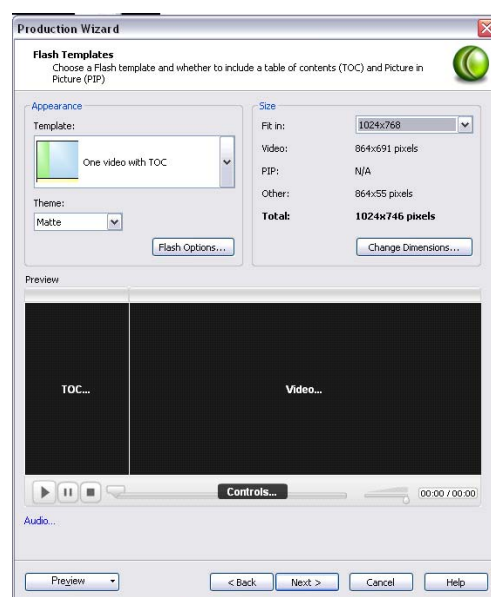
Set the Theme to Matte

Click on the Flash Options button

Under Video >> Format, ensure the FLV radio button is selected. Click on OK

Publishing your content

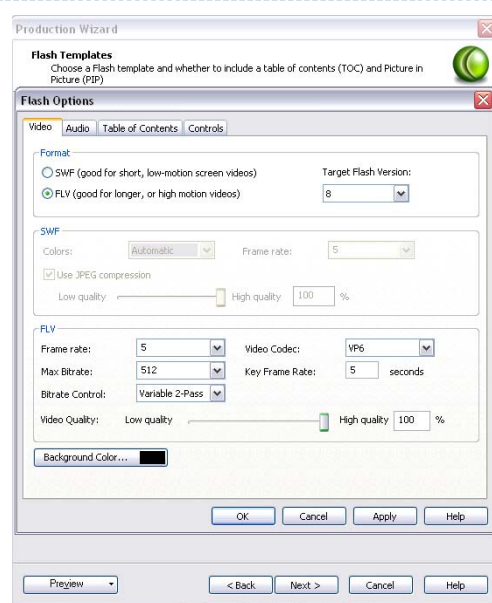
- ▶ The Flash Template screen is displayed
- ▶ In the Appearance pane, select Template: >> One Video with TOC
- ▶ Set the Theme to Matte
- ▶ In the Size pane, choose 1024x768 in the Fit In dropdown list
- ▶ Click on the Flash Options button
- ▶ Under Video >> Format, ensure the FLV radio button is selected. Set Flash version to 8 in the dropdown list



Publishing your content

Publishing your content

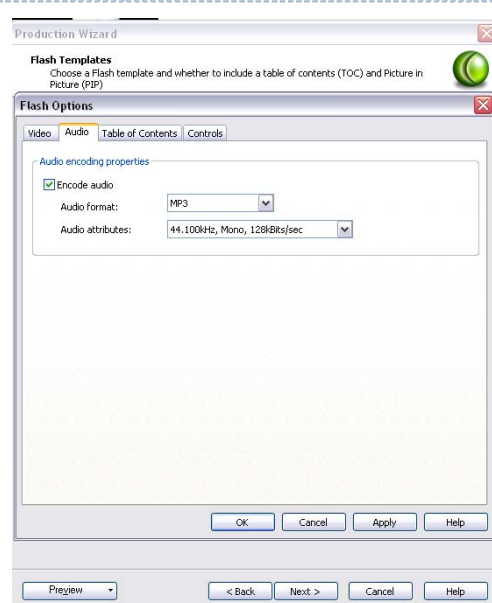
- ▶ In the FLV pane, set
 - ▶ The frame rate to 5
 - ▶ Max bitrate to 512
 - ▶ Bitrate Control to Variable 2-pass
 - ▶ Video Codec to VP6
 - ▶ Key Frame Rate to 5
 - ▶ Use the slider to set Video Quality to 100%



Publishing your content

Publishing your content

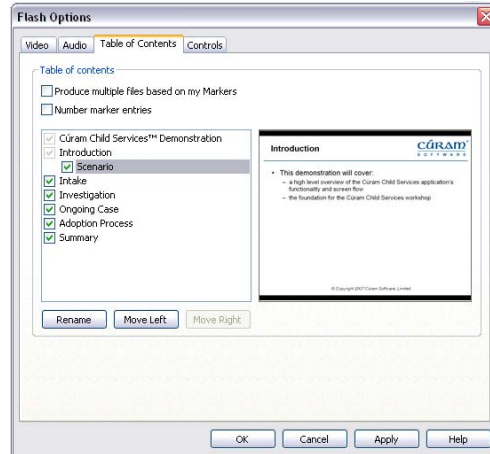
- ▶ Now click the Audio tab
 - ▶ Check the Encode Audio checkbox
 - ▶ Set the Audio Format to MP3
 - ▶ Set Audio Attributes to 44 1000kHz, Mono, 128kBits/sec
 - ▶ Click on Apply



Publishing your content

Publishing your content

- ▶ Click the Table of Contents tab
 - ▶ This is where the markers you set on the timeline are displayed
 - ▶ Edit your TOC text if desired
 - ▶ Use the Move Right & Move Left buttons to format the TOC
 - ▶ Click on OK
- ▶ Under Flash Templates, click on Next
 - ▶ Click on Next again on the video options dialog box
 - ▶ Review your options on the Markers page in the wizard



Publishing your content

Publishing your content

- ▶ Under Flash Templates, click on Next
 - ▶ Click on Next again on the video options dialog box
 - ▶ Review your options on the Markers page in the wizard
 - ▶ There's no need to add anything on the Video Options screen. Click on Next
- ▶ Under Produce Video, go to Output File >> Production Name and give your demo a name
 - ▶ Select the file output location in the Folder text box
 - ▶ Click on Finish
 - ▶ The file is rendered; this may take some time
 - ▶ Once production is complete, you may view your presentation
- ▶ You're Done!



Publishing your content

Some things to try yourself

- ▶ **Add some audio to your demo**
 - ▶ Try adding sound effects to give learners feedback
- ▶ **Questions**
 - ▶ Add in a progress test half-way through the presentation
 - ▶ Add a lesson test at the end of the presentation
- ▶ **Interactivity**
 - ▶ Add in Back and Next buttons
 - ▶ Create a hotspot to a Web-based URL
- ▶ **Publish Options**
 - ▶ Try generating WMV version of your presentation
 - ▶ Try creating a video podcast of your presentation
 - ▶ Try creating a CD-based version of your presentation



Some things to try yourself

Add some audio to your demo

Try adding sound effects to give learners feedback

Questions

Add in a progress test half-way through the presentation

Add a lesson test at the end of the presentation

Interactivity

Add in Back and Next buttons

Create a hotspot to a Web-based URL

Publish Options

Try generating WMV version of your presentation

Try creating a video podcast of your presentation

Try creating a CD-based version of your presentation

Conclusion

Conclusion

Supporting Documentation

- ▶ Research and resources used to create this presentation:
 - ▶ Website: [Camtasia Studio Learning Center](#)
 - ▶ Website: [Adobe Presenter](#)
 - ▶ Website: [Audacity Audio Editor](#)
 - ▶ Article: [An Introduction to Authoring Tools](#)
 - ▶ Article: [Review: Adobe Captivate and Techsmith Camtasia Studio](#)

 - ▶ Article: [Rapid E-Learning: a Growing Trend](#)

 - ▶ Website: [The E-Learning Guild Resource Library \(subscription required\)](#)
- ▶ Text: E-Learning Tools and Technologies
 - ▶ (Horton, W. & Horton, K. 2003, Wiley Books)

Supporting Documentation

Follow-up

List of recommended reading, other information resources, points of contact, on-demand version of the session

Research and resources used to create this presentation:

Website: [Camtasia Studio Learning Center](#)

Website: [Audacity Audio Editor](#)

Article: [An Introduction to Authoring Tools](#)

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About Michael Hanley Consulting

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MHC provides E-Learning, Digital Media, and Online Communication consultancy and solutions to corporate and educational organisations.