

# Using Camtasia to Develop Online Tutorials

Summer, 2007

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## Overview

- Principles of educational multimedia
- Still vs. Animated graphics
- Capturing the screen
- Editing the file
- Producing the output

## Principles

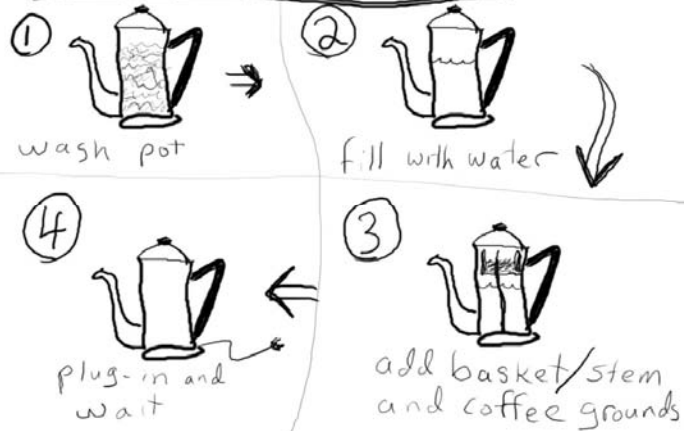
- Redundancy Principle
- Segmentation Principle
- Signaling Principle
- Personalization Principle
- Spatial Contiguity Principle
- Coherence Principle
- Modality Principle
- Temporal Contiguity Principle
- Individual Differences Principle

## Still and Animated Graphics

- Still Graphics
  - More easily printed (and then annotated)
  - Easier to scan
  - Easier to update
- Animated Graphics
  - Often more engaging
  - Useful for step-by-step instructions
  - Very effective when combined with narration
  - Requires more planning (storyboarding)

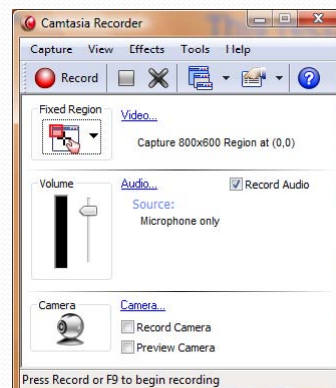
## Storyboarding

To make coffee:



## Capturing the Screen

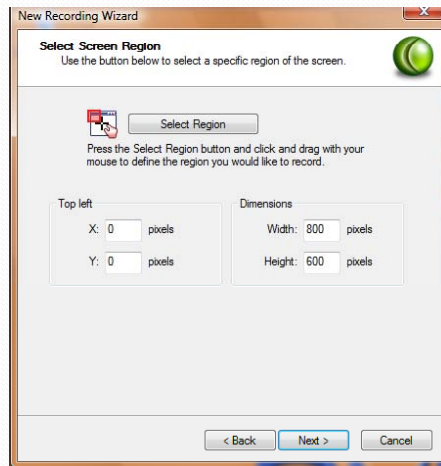
- Camtasia Recorder
- Screen Capture Wizard



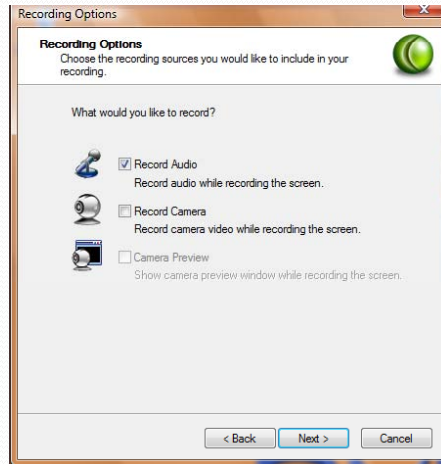
# Screen Capture Wizard (1)



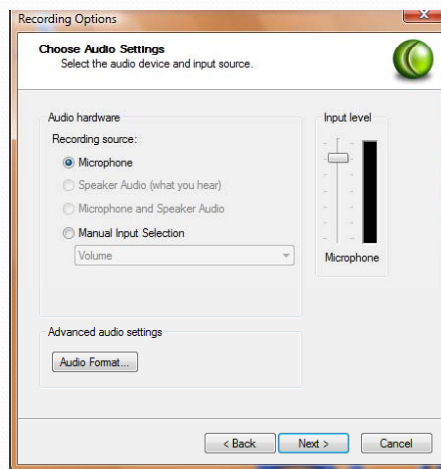
# Screen Capture Wizard (2)



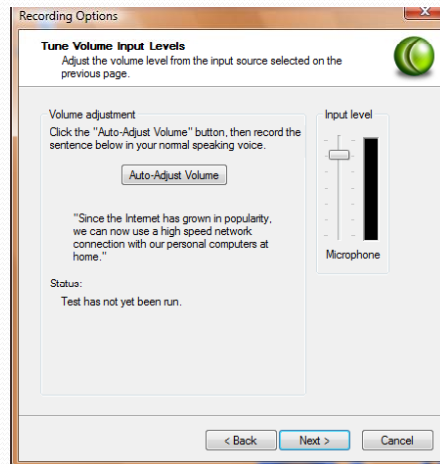
## Screen Capture Wizard (3)



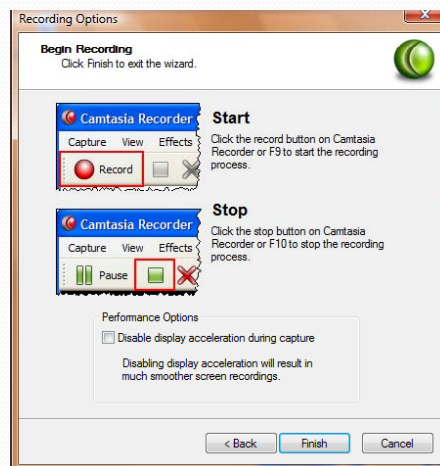
## Screen Capture Wizard (4)



## Screen Capture Wizard (5)



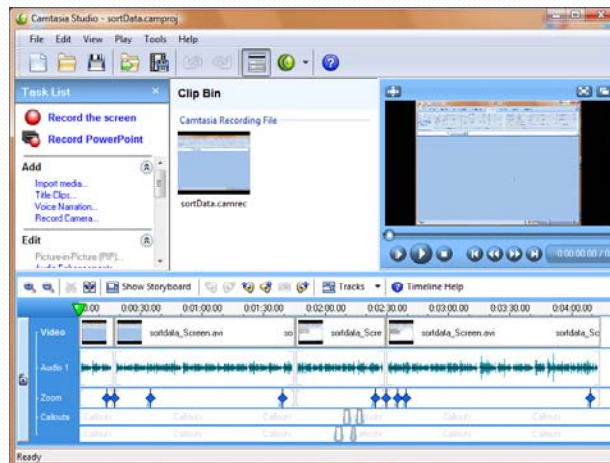
## Screen Capture Wizard (6)



## Editing a File

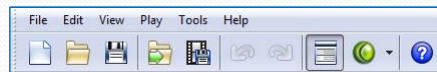
- Add transitions to indicate time elapsed
- Add text (for emphasis/clarity) - Callouts
- Zoom into small portion of screen
- Remove portions of video
- Done in Camtasia Workspace

## Camtasia Workspace



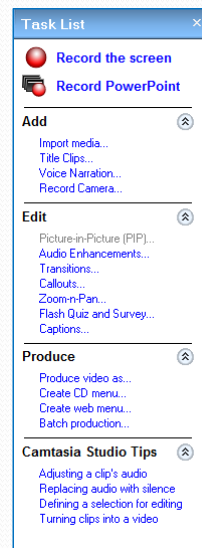
## Camtasia Workspace (1)

- Menu Bar/Toolbar



## Camtasia Workspace (2)

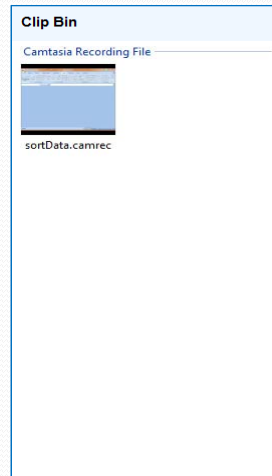
- Task List





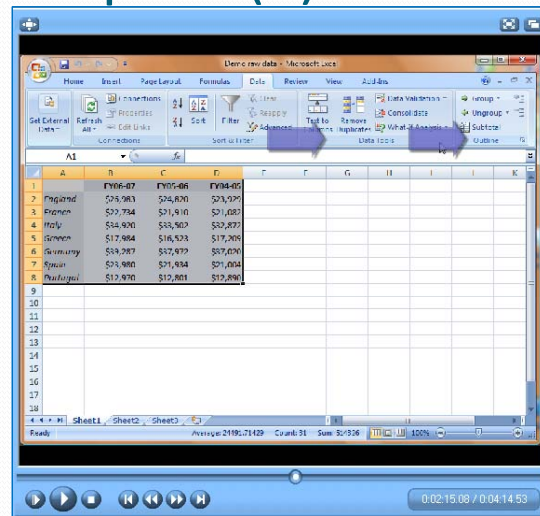
## Camtasia Workspace (3)

- Clip Bin



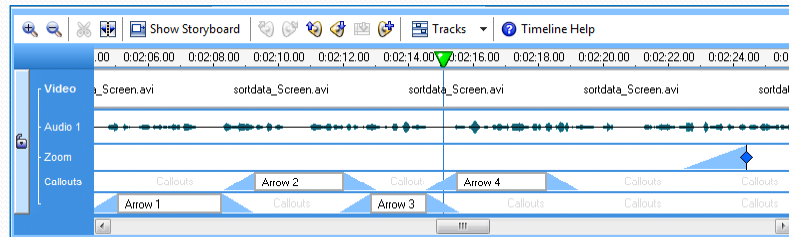
## Camtasia Workspace (4)

- Preview Pane



## Camtasia Workspace (5)

- Timeline



## Output Options

- Output to a single file
- Output to a “theater” group

## Single File

- Available output options



## Production Wizard (1)



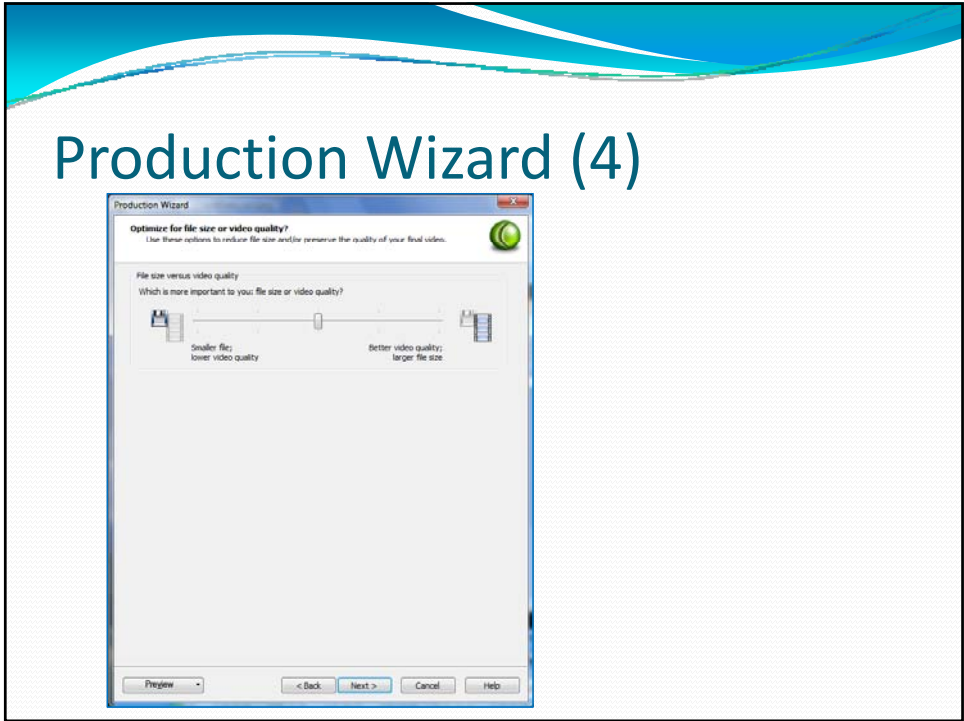
## Production Wizard (2)



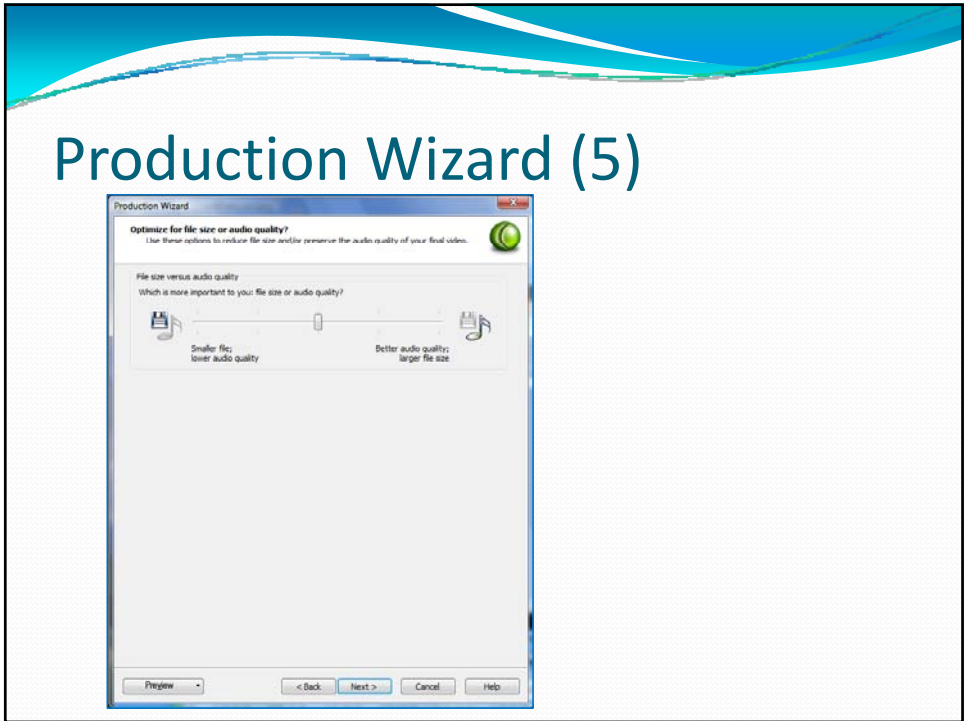
## Production Wizard (3)



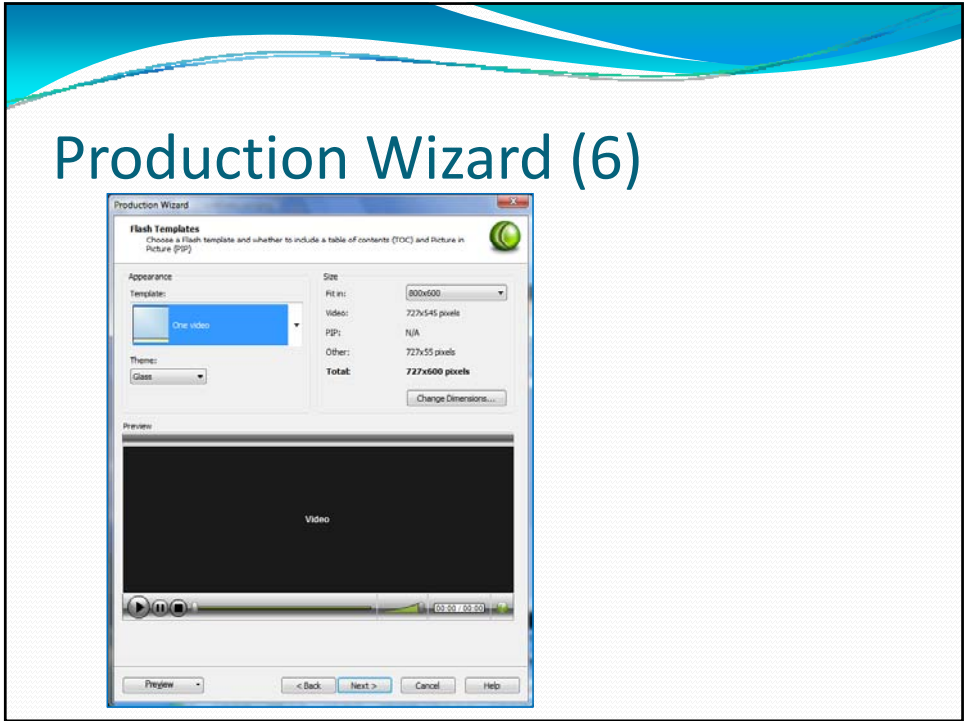
## Production Wizard (4)



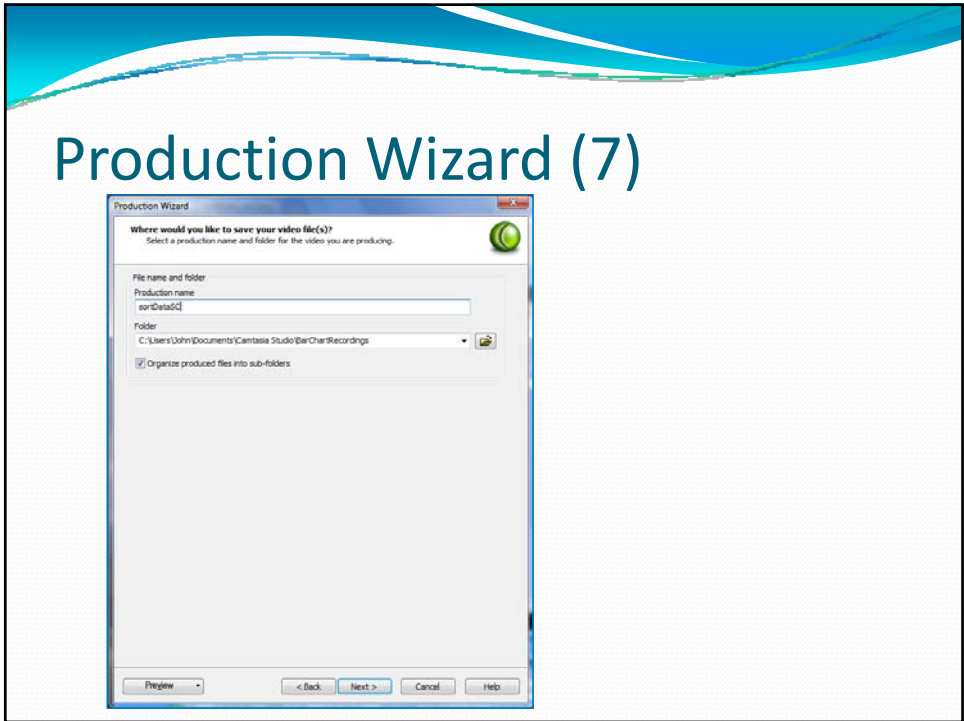
## Production Wizard (5)



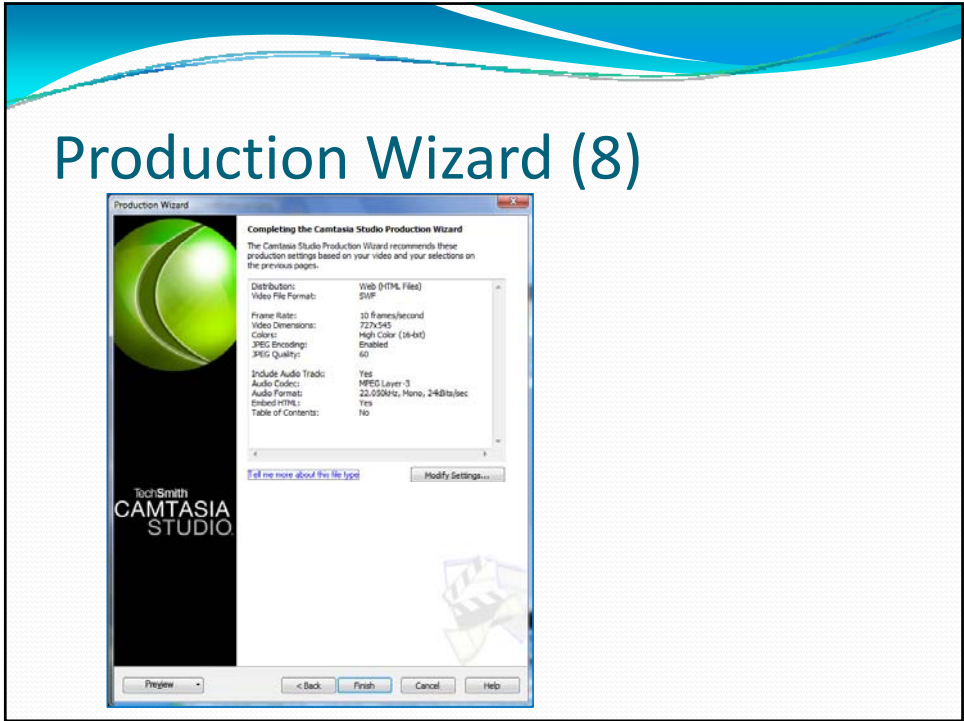
## Production Wizard (6)



## Production Wizard (7)

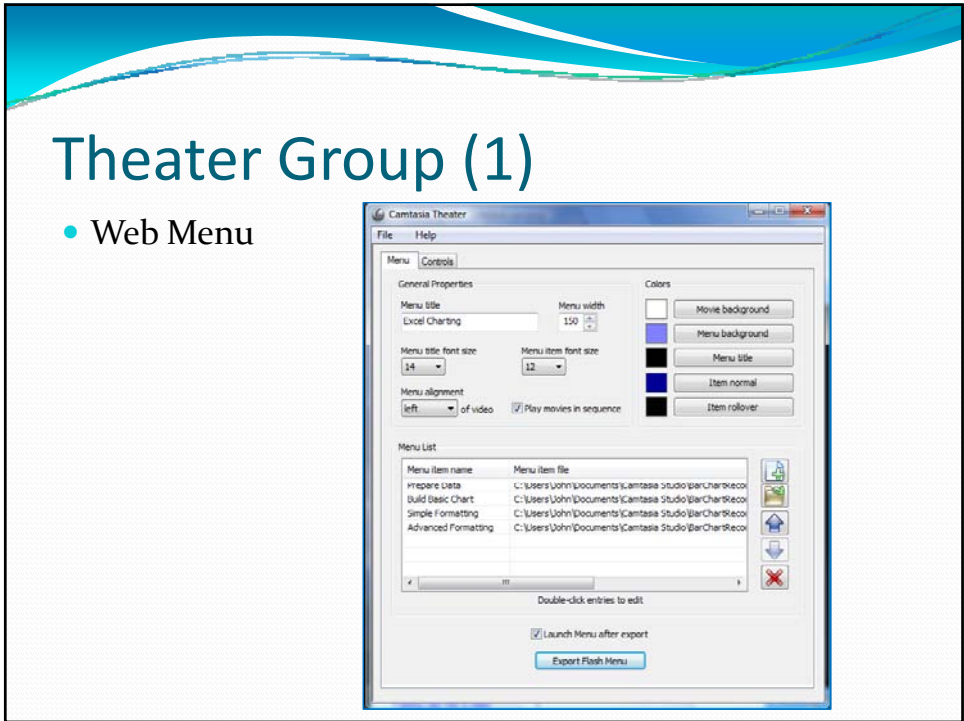


# Production Wizard (8)



# Theater Group (1)

- Web Menu



## Theater Group (2)

- Controls

