

# Hypermedia and Photoshop CS 3

Multimedia SIG  
July 26, 2007

# Agenda

- ⦿ News and Comments
- ⦿ Hypermedia  
Chris Domino
- ⦿ Photoshop CS 3 – What's New  
Craig Lewis

# News and Comments

- ◉ Door Prize and Giveaways

- ◉ Agendas Coming Up

  - ◉ August

    - ◉ Recording Your PowerPoint Presentation and Other Ways to Repurpose Your Work

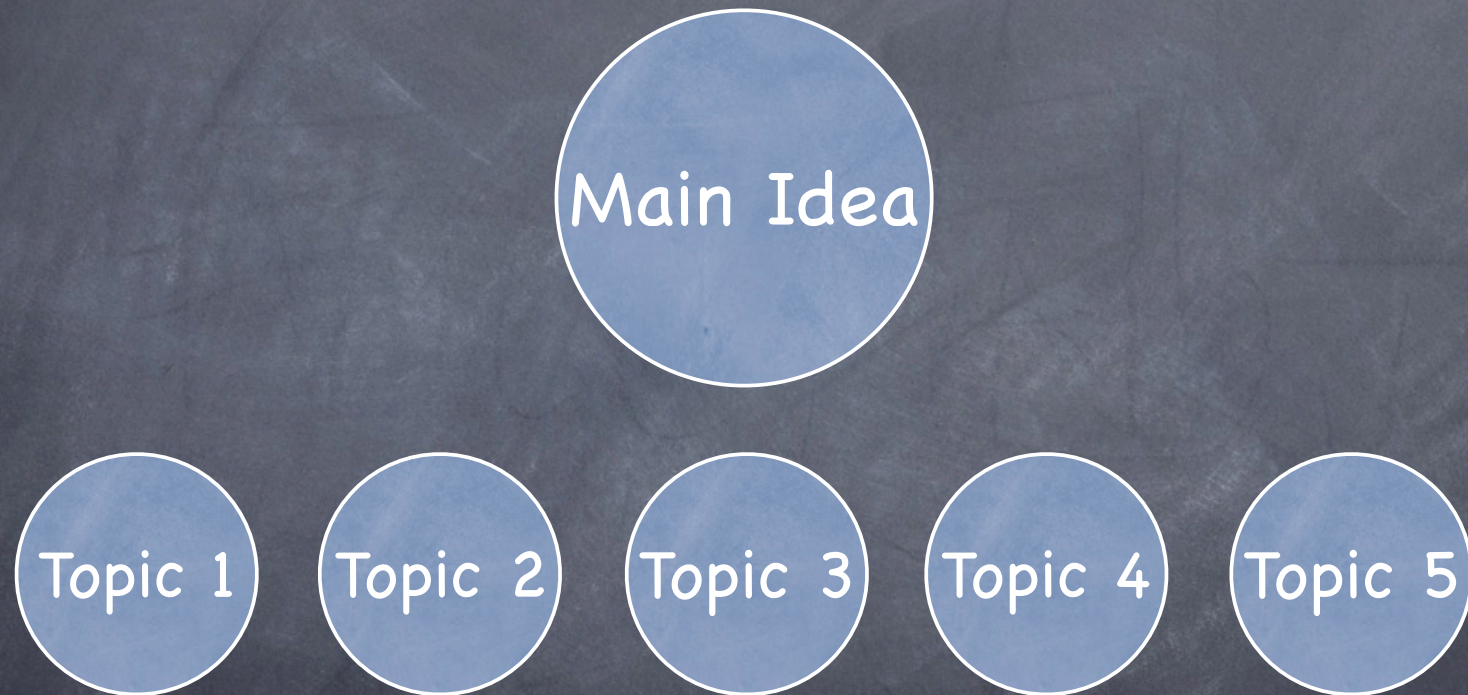
    - ◉ Hypermedia, Part 2

  - ◉ September — ?

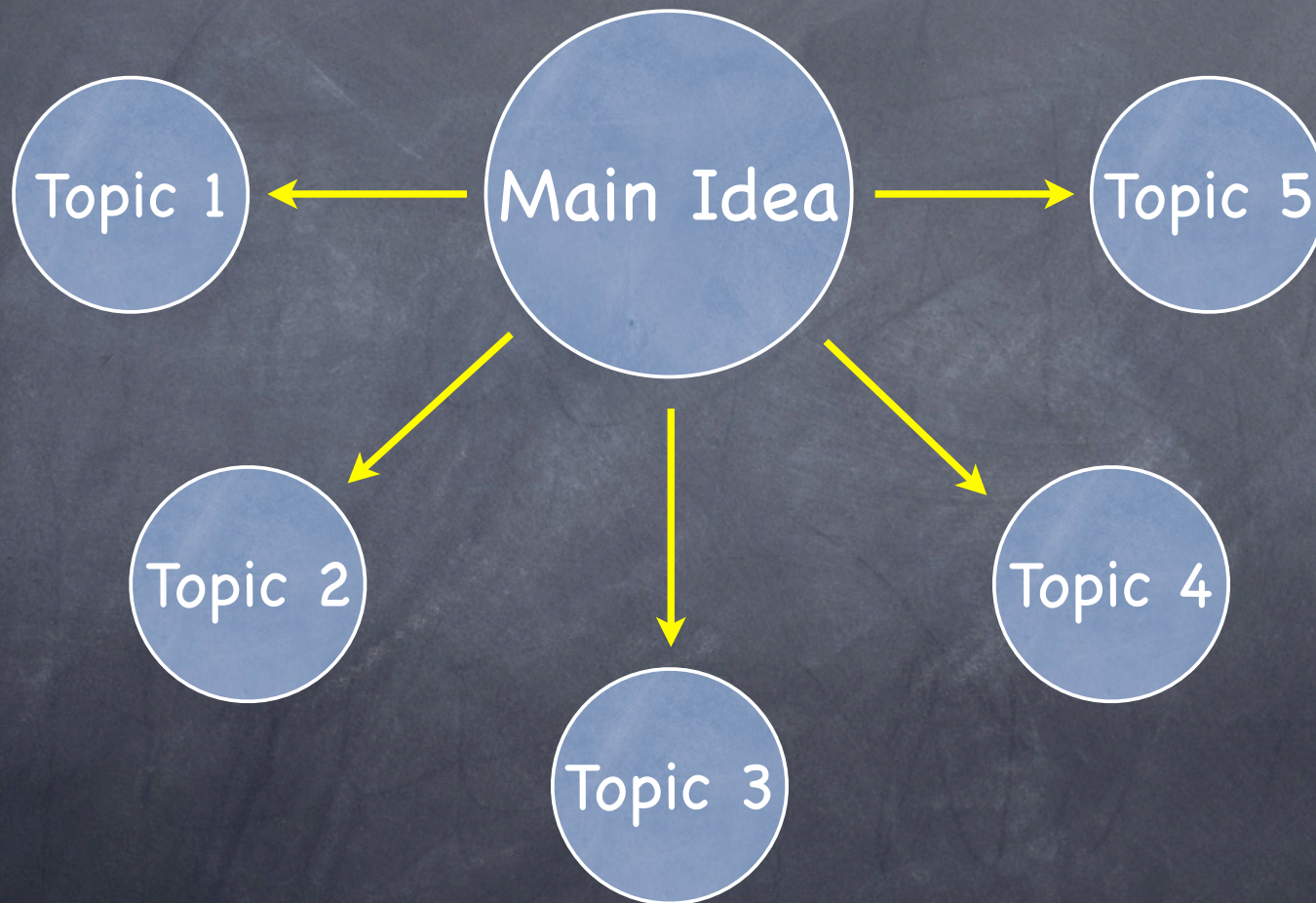
# Hypermedia, Part 1

- ◉ What was HyperCard?
  - ◉ OS 9 application rather like a database
  - ◉ Looked like a stack of virtual cards
  - ◉ Included HyperTalk, a programming language
  - ◉ Often used for prototyping applications

# Linear Text



# Hypermedia Features



# Examples with PowerPoint

- First example: Girl-Driven Program
  - Navigation uses two methods:
    - Slide Show > Action Buttons for arrows
    - Slide Show > Action Settings for graphics of driver and door
- Second Example: Quiz
  - All text hyperlinks, using Slide Show > Action Settings to link to the correct slide

# Photoshop CS 3 — What's New?

- ⦿ If you're a digital photographer, you need some version of Photoshop!
- ⦿ Upgrade is available to owners of Photoshop 7; versions earlier than that will force you to buy the full version
- ⦿ See Craig's handout for details



# Learning about PS

- 🌀 Online help has been greatly improved
- 🌀 If you are comfortable with CS 2, get Ben Willmore's Photoshop CS3: Up to Speed – short and sweet book on differences
- 🌀 If you need something more thorough, get Martin Evening's book, Adobe Photoshop CS3 for Photographers

# More Details

- ⦿ Download the full and unlimited trial of any Adobe product for 30 days
- ⦿ Joining NAPP will save you many dollars
- ⦿ You can purchase the serial numbers from NAPP and then convert your trial copy to a full license
- ⦿ Craig now does most of his work in Lightroom, not Camera Raw or Photoshop

# Bridge

- ◉ Debuted in CS 2 as an improvement over File Manager
- ◉ It's a separate application
- ◉ It's a file browser
- ◉ Customize for your style of working by saving your workspace

# What's in Bridge

- ◉ Bridge lets you preview your files and find those you want to work with
- ◉ Multiple panels give you access to a variety of information, including metadata and keywords

# Preferences

- ⦿ General — Most recommend that you go into Adobe Camera Raw from Bridge
- ⦿ Thumbnails — Much better than CS2, but “quick thumbnails” will use the preview that’s embedded in the image; much faster
- ⦿ Cache — Check “automatically export caches” is a good idea; also good for backup, because it ensures that cache is backed up with photos

# Adobe Camera Raw

- ⦿ Raw file format is much better than JPEG; JPEG is lossy and does not do well particularly in shadows
- ⦿ Adobe Camera Raw will let you make multiple changes to your photo without taking into Photoshop – all changes are non-destructive

# Doing Stuff in Camera Raw, 1

- ⦿ Remove dust spots with the Retouch Tool
  - ⦿ Put cross hair in middle of dust spot; click, hold, and drag to increase radius until dust spot is covered; then release
- ⦿ If using a series of photos, you can select all of them and synchronize your changes

# Doing Stuff in Camera Raw, 2

## ⦿ White Balance Tool

- ⦿ Critical for accurate reproduction if shooting JPEG; in Camera Raw, you can leave on automatic
- ⦿ If you use the white balance tool, you click on something in the photo that should be white
- ⦿ Better method: hold down the option key, play with the Exposure slider until it's all black except for one place, click with white balance tool



# Doing Stuff in Camera Raw, 3

## ⦿ Recovery Slider

- ⦿ Recovers the highlights in your photo
- ⦿ Hold down option key and move the Recovery slider until the non-black spots go away

# Doing Stuff in Camera Raw, 4

- ⦿ Blacks Slider — increases areas set to black
- ⦿ Fill Light adjusts the midtones
- ⦿ Brightness and Contrast not as useful as Clarity, which gives more midtone detail
- ⦿ Vibrance and Saturation: Saturation is a big club — a linear increase or decrease; Vibrance is non-linear, with Caucasian skin protection

# Doing Stuff in Photoshop, 1

- ⦿ Changes in interface
  - ⦿ One-column tool palette (which insists on being on the main monitor if you use 2)
  - ⦿ Many of the palettes can be reduced to buttons on the right (customizable)
- ⦿ Keyboard shortcuts still work

# Doing Stuff in Photoshop, 2

- Smart Objects (new in CS3)
  - Allows non-destructive editing (can go back and redo effects)
  - Not all filters are available
  - Smart Sharpen is most useful of Sharpen filters; set to Lens Blur and check "More Accurate"
  - Can save settings, such as Craig's favorite: "Low Amount, High Radius" (20% Amount, Radius 50.0 pixels)

# Doing Stuff in Photoshop, 3

- ⦿ Quick Selection Tool
  - ⦿ Lives with Magic Wand (and is much better!)
  - ⦿ Click, hold, and drag to select throughout the photo
  - ⦿ To remove areas, just hold down the option key to deselect

# Doing Stuff in Photoshop, 4

- ◉ Shadows/Highlights are available for your Smart Objects
- ◉ Adjustment Layers are your friend!
  - ◉ Example of conversion to black and white

# Doing Stuff in Photoshop, 5

- ⦿ Print dialogue greatly improved – brings up a preview dialogue box with color management
- ⦿ Generally let Photoshop manage colors, but choose the correct printer profile and use Perceptual

# Doing Stuff in Photoshop, 6

- Image Stacks — One of biggest advantages of Extended version
  - If you have a set of images (at least 6) that are all the same except for things moving, you can use the “neutron bomb” effect of deleting anything that moves out of the picture.
  - “Median” is the mode to use to delete moving things