

Video, Video Everywhere

Using Video in Teaching

Simon Ting

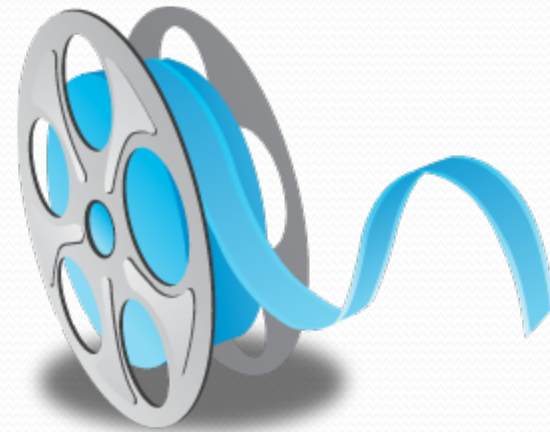
Cathy Clarke

Regina Kiperman-Kiselgof

Web Video

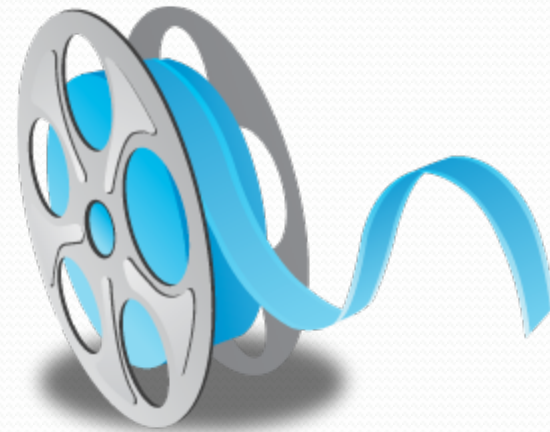
In the beginning

- YouTube and video sharing
- Explosive growth
 - Validated concept of online video
 - Users not only watch
 - Users will also create and share

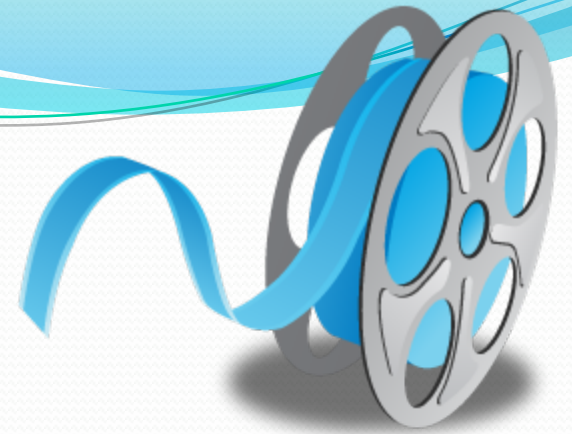


Characteristics of Web Video

- User-generated content
 - Lower production quality
 - grainy and blurry video
- Disseminated on the Web
 - Uploaded to video sharing sites
 - Viewed in Web browsers
- Popularity based on...
 - entertainment and information value
 - production quality less important

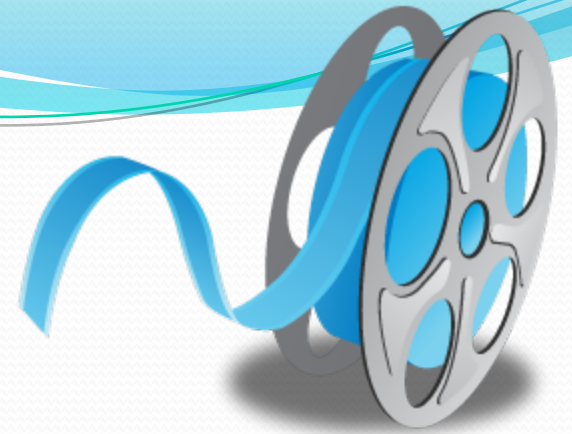


Traditional Video...



- Produced by video professionals
 - Expensive Equipment
 - Digital Camera, video workstation, etc
 - Expensive Software
 - Adobe Premiere, Final Cut, etc.
 - Distributed on media
 - Videotapes, CD, DVD
 - Hard to use online
 - Must capture, compress, encode, upload, embed into HTML for the Web

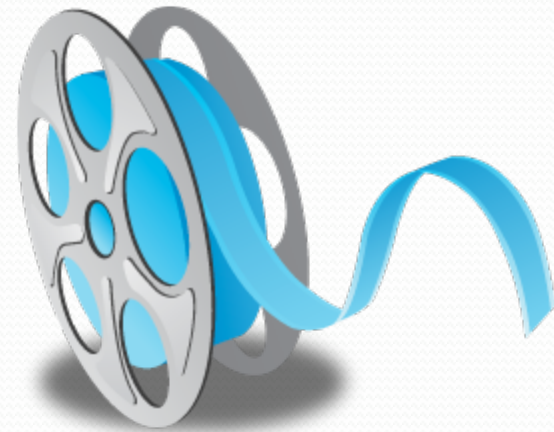
Web Video...



- Created by Users
 - Low-cost equipment
 - Mini DV camera, web cam, personal computers
 - Free or low-cost software
 - Windows Movie Maker (PC), iMovie (Mac)
 - Can be saved directly to computer
 - Media (mini DV tapes, DVD, HD) are optional
 - Easy to use online
 - Save as Web-ready video (no capture/compression/encoding)
 - Upload to video sites immediately for quick viewing

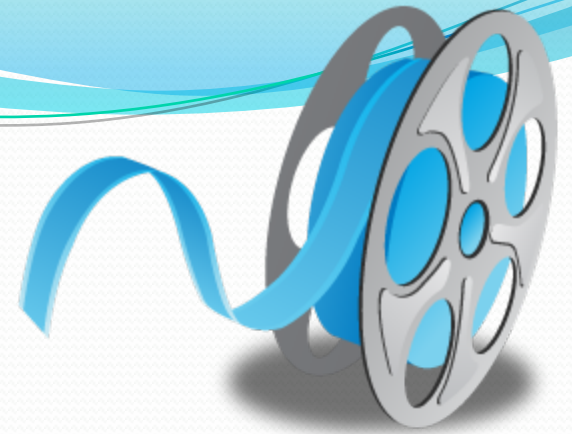
Web Video and Deaf Education

- For teachers of deaf learners
 - Web video as visual text
 - Sign language is natural language of medium
 - Using word processor
 - You can produce class handouts
 - Using webcams/mini DV Cameras
 - You can produce video for classroom



Web 2.0 Video

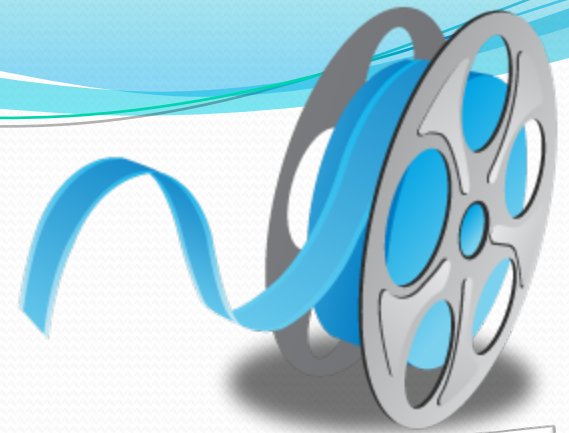
What Is Web 2.0?



- Older video sharing sites
 - Offer only on-demand video
- New breed of Web 2.0 video sites
 - Offer Web-based services besides video sharing/hosting
 - Do things in web browsers previously requiring desktop software
 - Trim clips
 - Assemble clips in storyboard or timeline
 - Add titles, effects, transitions
 - Save edited video
 - Use in video blogs, social networking sites

More Web 2.0

- Newest Web 2.0 video sites also offer
 - More user control, user-to-user interaction
 - Direct video capture from webcam to server
 - e.g., YouTube
 - Live streaming broadcast from webcam with video chat
 - e.g. live.yahoo.com
 - Video discussions
 - Website: www.seesmic.com
 - Check out: <http://api.seesmic.com/lsrcrd>





Web 2.0 Video – Pros & Cons

Benefits...

- Most services free
- Easy to use
- Browser-based
 - no software to install
 - can work anywhere

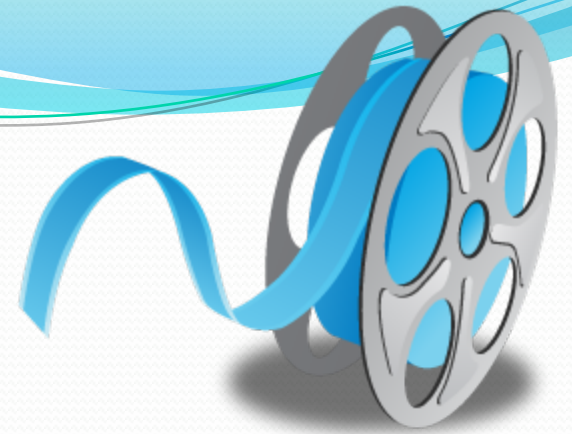
Caveats...

- Less powerful than desktop software
- If websites can't make money
 - may close down
 - may start charging fees
- Worried?
 - use services owned by Google, Yahoo, etc.

Demonstration

Producing Web Video

Producing Web Video

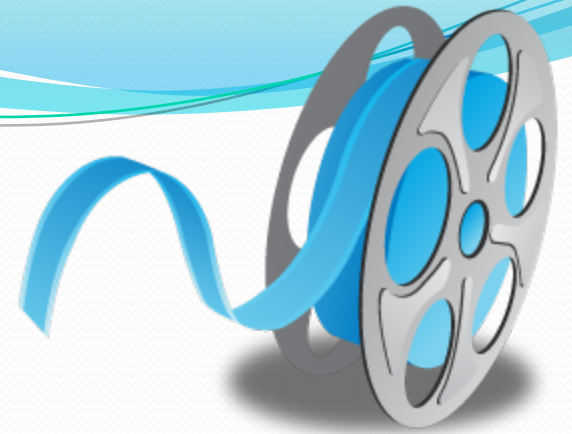


- Logitech Webcam Ultra Vision
 - Connect to PC using USB cable
 - Sit down, self-tape, save video clips to computer
- Canon Mini DV camera
 - Connect to PC with FireWire cable
 - Point, shoot, save video clips to computer
- Windows Movie Maker (for PC)
 - Find clips, drag to storyboard or timeline
 - Trim, edit, add titles, add transitions, add effects
 - Export, upload, view, share

Demonstration

Using Web 2.0 Video Services

Sharing & Hosting



YouTube

- Upload unlimited number of videos
- Tag/Comment videos
- Control over privacy
- Embed in your blog/website
- www.youtube.com

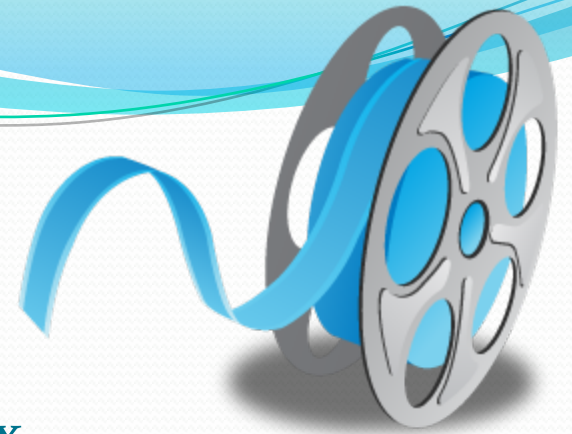


Blip.tv

- Upload videos
- Share videos
- Works with other Web 2.0 sites
- www.blip.tv



Editing



Jumpcut

- Upload videos
- Add photos
- Grab media from public sources
- Web-based editor lets you create your own movie
- Post to other websites
- www.jumpcut.com



Motionbox

- Upload videos
- Edit, trim, and join videos
- Secure sharing
- www.motionbox.com



Titles, Effects, Transitions

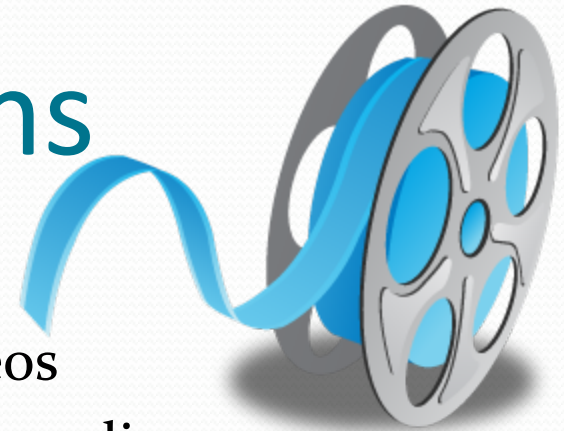
Jumpcut

- Upload videos
- Add photos
- Grab media from public sources
- Web-based editor lets you create your own movie
- Add titles, effects, transitions
- Post to other websites
- www.jumpcut.com



Eyepspot

- Upload videos
- Add images, audio
- Use “mixables”—a collection of files created by others
- Web-based editor is easy to use
- Add special effects
- Share with others
- www.eyepspot.com



Serving Video to Students



Vlogs: Why Bother?

- Vlog = Video Blog
- Instead of text, vlogs feature user-generated video
- Great way to engage visual learners
- Students can visit and comment on video
- Vlogs help create a community on the web
- Students can add your vlog to their RSS reader for content updates without having to visit your site



Video Tagging & Web 2.0 Services

- Tagging means adding relevant keywords to your video
- Users can search your vlog and find posts and content related to specific tags

Creating a Vlog

Wordpress

- Design tools & templates
- Plug-ins and widgets
- Post easily
- Custom sidebar
- Privacy settings
- Spam blocker
- [Sample Wordpress blog](#)



Blogger

- Design tools & templates
- Plug-ins and widgets
- Post easily
- Custom sidebar
- Privacy settings
- Photo album
- Polls
- www.blogger.com



Web Video Issues



Accessibility

- Law requiring TV captions do not apply to web video
- Most online video is uncaptioned
- Need for Web 2.0 captioning tools
 - To caption video that is already shared on the Web
 - Tool should work online (no software to install)
 - Prototype tool: IdeaTools captioning




Demonstration

- IdeaTools Web Captioning Tool
 - A way to caption video already shared on the Web
 - Can be developed into a Web 2.0 service
 - Upload video to YouTube
 - Use IdeaTools to caption video on YouTube
 - Save captions on IdeaTools
 - View captioned video in a blog or vlog (video blog)
 - Video is on YouTube
 - Captions are on IdeaTools
 - Both work together in the blog or vlog

Creative Commons License

- In a nutshell, “some rights reserved”
 - For example,
 - Free for non-commercial use, or
 - Permission to use but not modify (create derivative work)
- More flexible than traditional copyright
- Free licenses commonly used when releasing work on the Web





In Closing



In Closing...

- We believe it is worthwhile to make a special investment in learning this new technology to benefit deaf learners



Quick Announcements...

- Two related presentations
 - Multimedia Lesson Design for the Design Novice
 - Using Web 2.0 for image processing and multimedia design
 - Tuesday, 1:00 PM, 60-3237
 - Videoconferencing Using Open-Source Software
 - Live webcam streaming for distance learning and communications
 - Wednesday, 10:00 AM, 55-1300



Questions?