

## Using Free Software to Create Videos (Hal Hosfeldt - Feb 15, 2010)

Why create videos?

Video sources?

Copyright?

How can we show videos?

Note: Windows XP Professional

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### Goals (create video)

1. Internet
2. Camera
3. PC Screen
4. DVD
5. Connect PC to HDTV

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#### Goal #1 Download video from Internet

- Need realplayer (free software)
- <http://www.real.com/realplayer>
- Locate video via Google
- Download video via RealPlayer
- Result is .flv type file
- Let's download a video     **ex: int.flv**

Flash video .flv commonly used by YouTube, Google Video, Yahoo Video, and others.

#### Goal #1 (cont) Convert the file

- WinFF video converter (free software)
- [http://winff.org/html\\_new/downloads.html](http://winff.org/html_new/downloads.html)
- WinFF converts .flv to .wmv
- Why so we want this?
- Let's convert **int.flv** to **int.wmv**

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#### Goal #2 Use a camera

- My camera produces .mov file type
- Let's take a video
- Copy video to PC
- Change name to     **ex: cam.mov**

Files with .mov extension are QuickTime movies. Although an Apple technology, QuickTime software exists for Mac and PC.

#### Goal #2 (cont) Convert the file

- WinFF converts .mov to .wmv
  - Let's convert **cam.mov** to **cam.wmv**
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### Goal 3. Capture screen images

- Use CamStudio (free software)
- <http://www.brothersoft.com/camstudio-download-263045.html>
- Result is .avi file type
- Why so we want this?
- Example = scr.avi

Audio Video Interleave, known by its acronym AVI, is a multimedia container format introduced by Microsoft in November 1992

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### Goal #3 (cont) Convert the file

- WinFF converts .avi to .wmv
  - Let's convert scr.avi to scr.wmv
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### Goal 4. Create DVD

- Use DVD Flick & ImgBurn to convert .wmv to ISO file and burn to DVD
- <http://www.dvdflick.net/download.php>
- <http://www.snapfiles.com/get/ImgBurn.html>

DVD Flick prepares files for a DVD (free software)

ImgBurn burns a variety of image files, not just .ISO (free software).

- Let's burn a DVD
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### Goal 5. Connect PC to HDTV

#### VGA (video)

- Not expensive
- HDTV TV's have this connector
- Many laptops have this 15 pin connector



**VGA Cable**

