

Video Digitization

Digital Stewardship Curriculum

Playback device.



Intermediary hardware & software.



Digital recording device.



Playback devices.



What do you need?

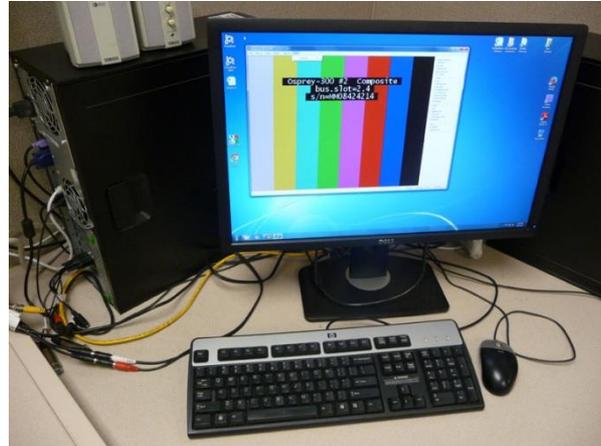
What do you already have?

What can you scrounge?

What is worth buying?

A good computer, with good processing speed, a good amount of RAM, and good storage capabilities.

Digital recording device.



Intermediary hardware & software.



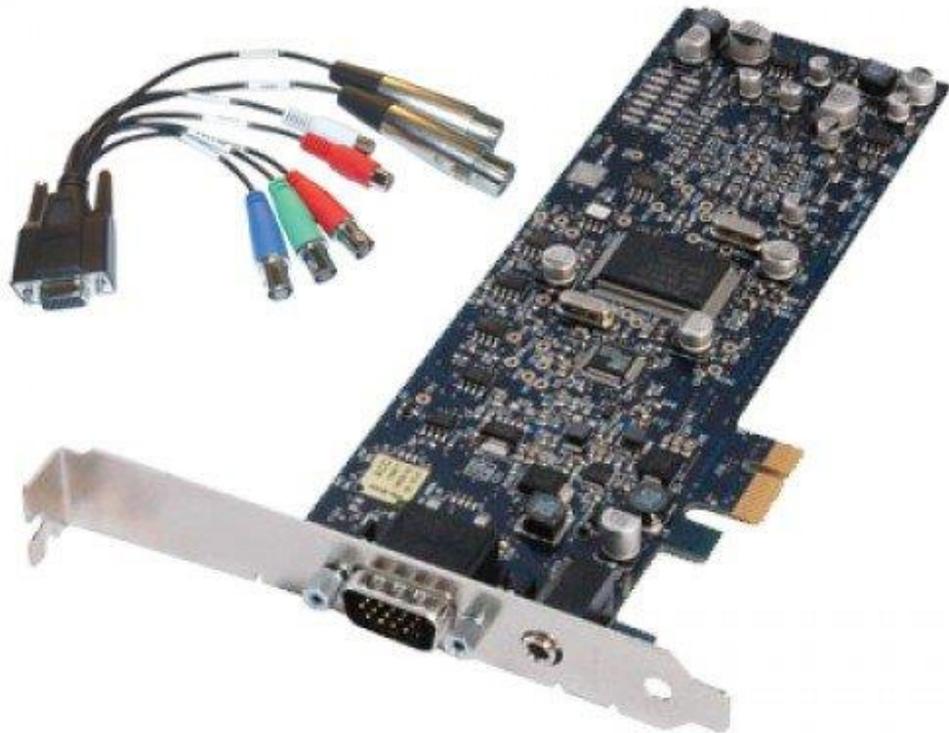
Three roles for intermediary software / hardware:

1. A recorder and connector, to get the image from the playback equipment and recorded in your computer .
2. Software to manage the digitization of the video/film.
3. Software to edit and/or convert formats of the original film.

Usually, 1 & 2 will come together.
Sometimes 2 & 3 will come together.

“Video Capture card”

(NOT “Video Card” and NOT “Game Capture Card”)



Starter level (?)...

Digitizes at 640 x (360 or 480)

Exactly meets minimum archival standards
= a decent starter option

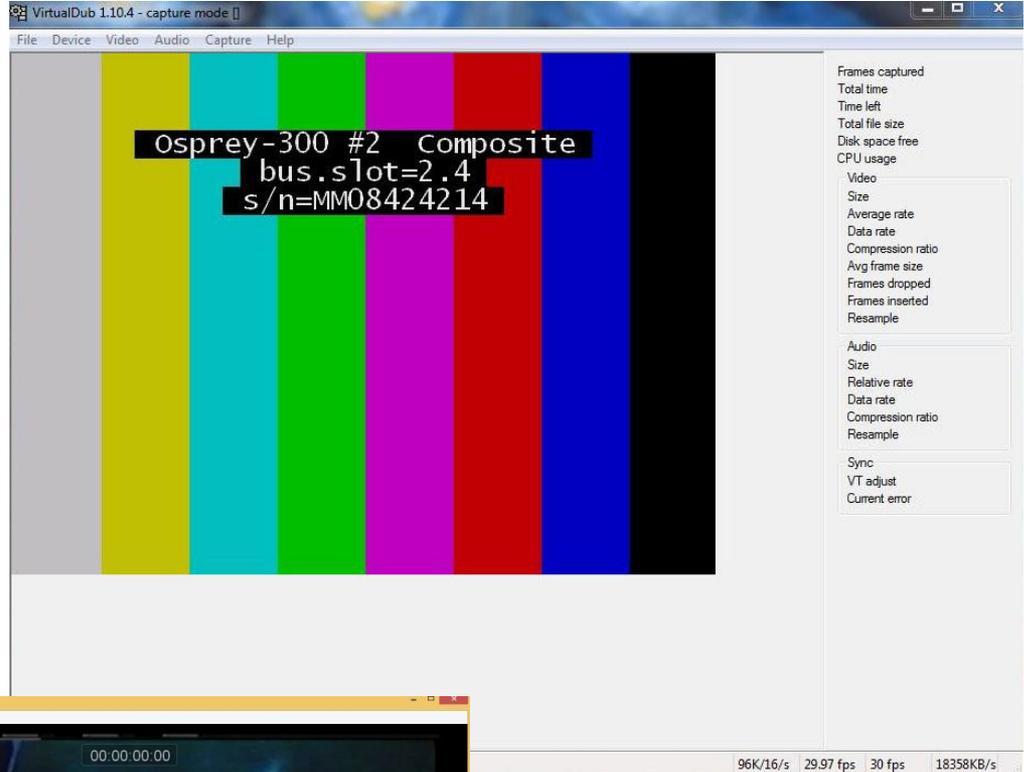


About \$80.

Software I

Something to capture your video.

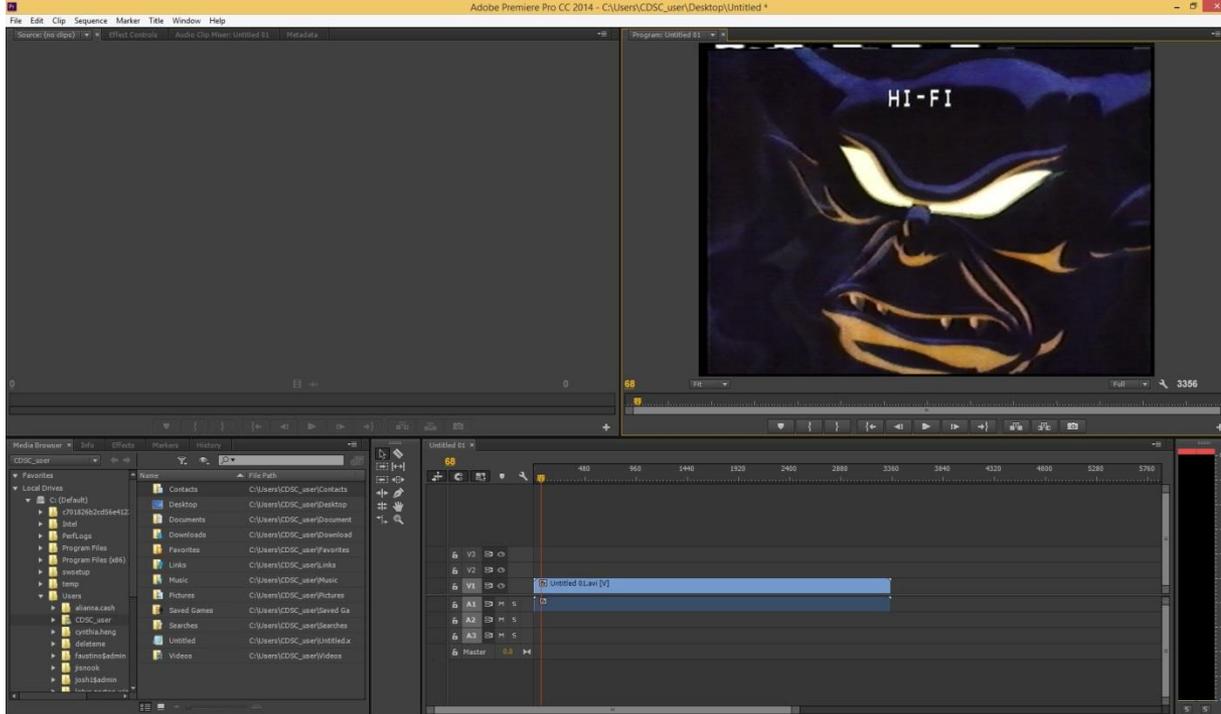
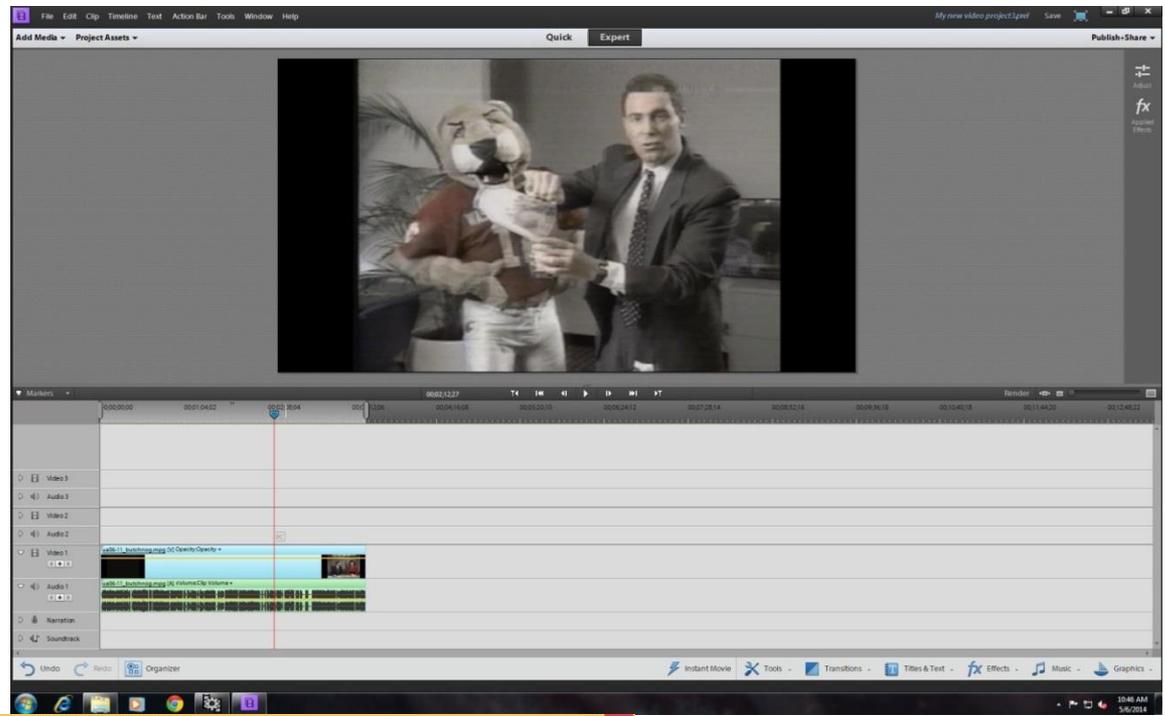
WSU Libraries use VirtualDub or Media Express; there are many others.



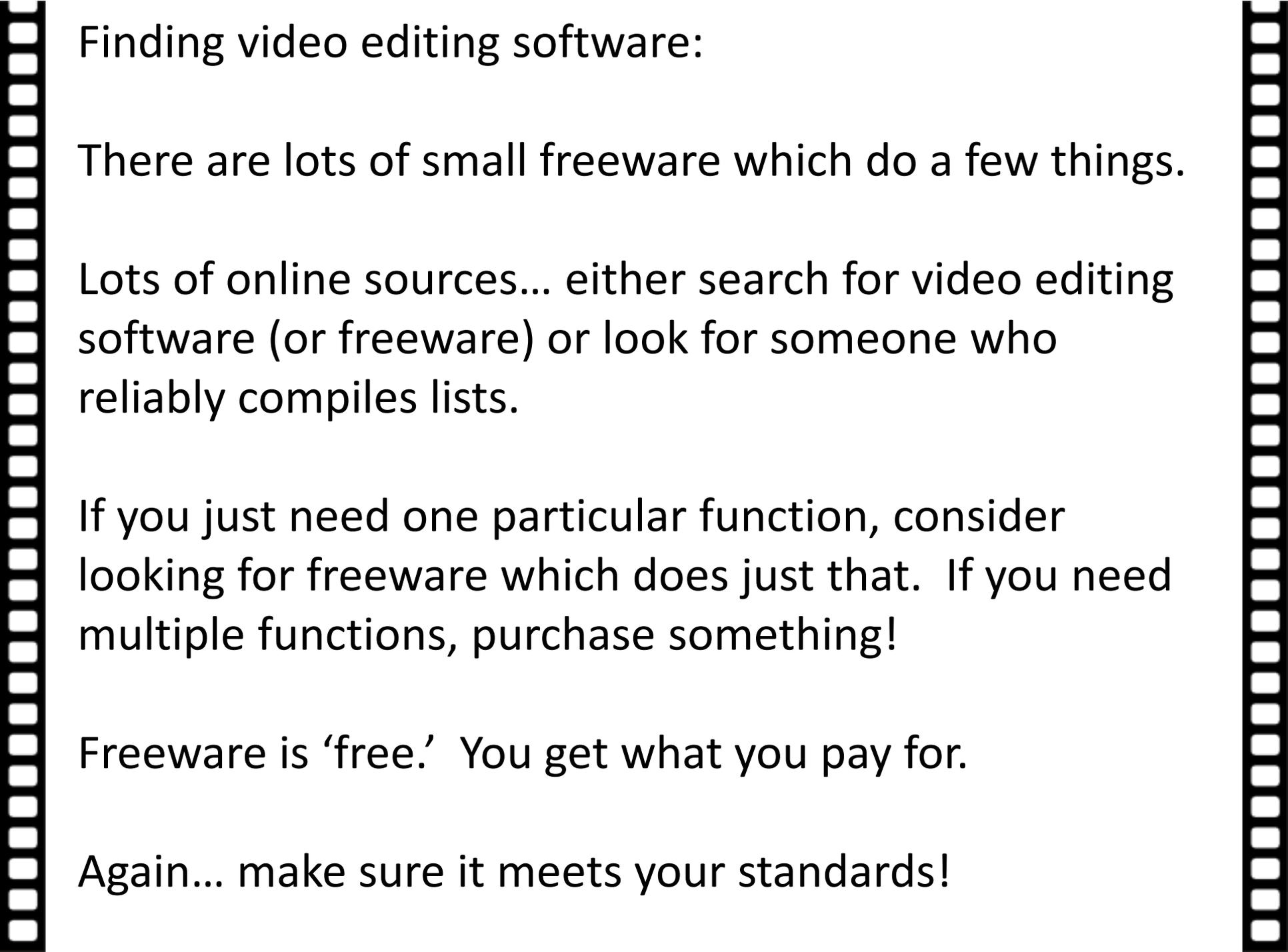
There are many out there. Your video capture card will almost certainly come with one.

Software II

Something to edit your video, and probably something to convert your video's file format.



If possible, find one piece of software which will do all the edits you need, and the file conversions you'll need.



Finding video editing software:

There are lots of small freeware which do a few things.

Lots of online sources... either search for video editing software (or freeware) or look for someone who reliably compiles lists.

If you just need one particular function, consider looking for freeware which does just that. If you need multiple functions, purchase something!

Freeware is 'free.' You get what you pay for.

Again... make sure it meets your standards!

Home > Windows Software > Video Software > Video Editing Software

Video Editing Software for Windows

The Video Editing & Production category includes software programs designed to record, edit, and produce video in various digital file formats and to export that video to DVDs or other external media. Notable titles include Windows Movie Maker and Avidemux.

Narrow Results

By Price

- Free to try (498)
- Free (207)
- Purchase (10)
- Update (3)

By Category

- Video Software (718)
- Video Editing Software (718)

By Operating System

- Windows (717)
- Windows XP (675)
- Windows Vista (555)
- Windows 2000 (472)
- Windows 7 (394)
- Windows 98 (301)
- Windows Me (294)
- Windows 2003 (260)
- Windows NT (244)
- Windows 8 (189)

[See all >](#)

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- | | | | | |
|---|---|--|---|---|
|  | VideoPad Video Editor Professional
Edit movies and other video recordings on a Windows PC.
Read full review >
Windows Version 3.51 ... Added: 06/04/14 | Editors' Rating
★★★★★
User Rating
★★★★☆ | Total Downloads
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|  | CyberLink PowerDirector
Unleash your creativity to transform your video footage into amazing HD movies.
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User Rating
★★★★☆ | Total Downloads
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|  | Corel VideoStudio Pro (64-bit)
Shoot, edit, and share all of life's adventures with the all-in-one video editor.
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|  | Free Video Flip and Rotate
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ConversionSoftwareRegistry

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Input Format:
Output Format:
Intermediaries: 0 1 2 3 4
Paths: 10 100 1000

Software: 2059
Conversions: 261709

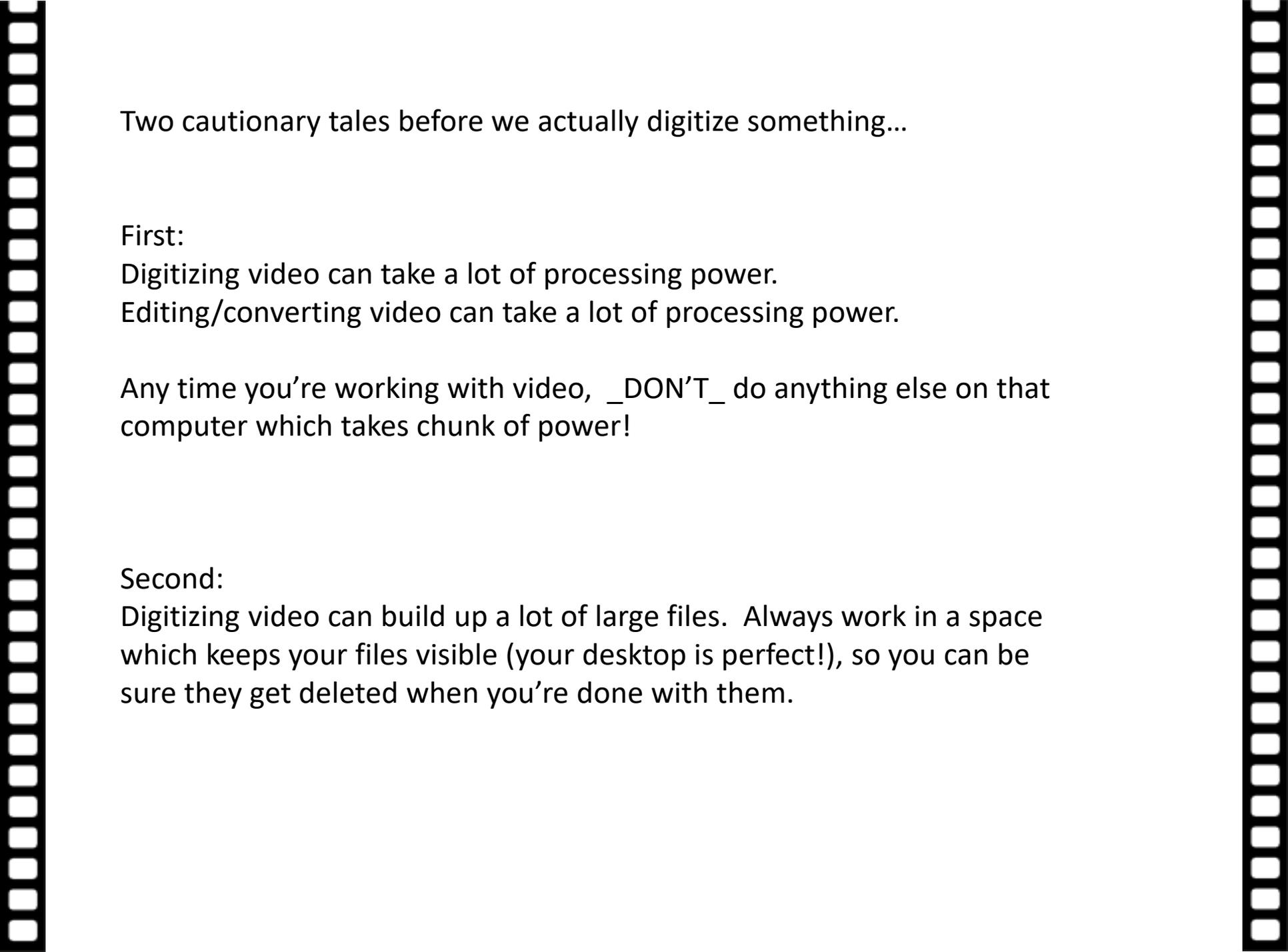
Find software capable of converting from a given source format to a desired target format by entering the corresponding file format extensions in the areas above.

Software capable of converting from "wav" to "mp4":

1. 3gpConvert
2. Abcc Free iPhone to AVI WMV MPEG MP4 MOV Converter
3. Abcc Free iPod Video Converter
4. ACC MP3 Converter
5. Agree Free iPhone to AVI WMV Converter
6. AHD Video Converter
7. Alpha 2 Player
8. Cool Free Audio to OGG Converter
9. Digital Media Converter
10. FormatFactory
11. Free WAV WMA MP3 Converter
12. Free YouTube Download Convert
13. Free YouTube To iPhone Convert Wizard
14. Free YouTube To iPod PSP Convert Wizard
15. FreeStar Free PSP Video Converter
16. Hongsoft Free Video Converter
17. iPod Encoder
18. IVC-Internet Video Converter (Standard)
19. iWisoft Free Video Converter
20. Koyote Free Video Converter
21. Media Converter SA Edition
22. MediaCell iPhone Video Converter
23. MediaCoder iPod/iPhone/iPad Edition
24. Mobile Media Converter
25. Mp3nity
26. Need4 Video Converter
27. Pazera Video Converters Suite
28. PCHand Media Converter Free
29. Perl Audio Converter
30. Power Audio Cutter
31. Power Audio Video DVD Converter
32. RER Video Converter
33. Rizwan Media Converter
34. SABFree Converter
35. save2pc Converter
36. SC iPod Audio Converter
37. Spark Audio Converter
38. Speedy Audio Converter
39. Total Video Converter
40. WSoft Free Music to iPod Audio Lite
41. xFastVideoConvert
42. XMedia Recode Portable
43. ZillaSoft iPod Audio Converter

Conversion Software Registry

<http://isda.ncsa.uiuc.edu/NARA/csrAbout.html>



Two cautionary tales before we actually digitize something...

First:

Digitizing video can take a lot of processing power.

Editing/converting video can take a lot of processing power.

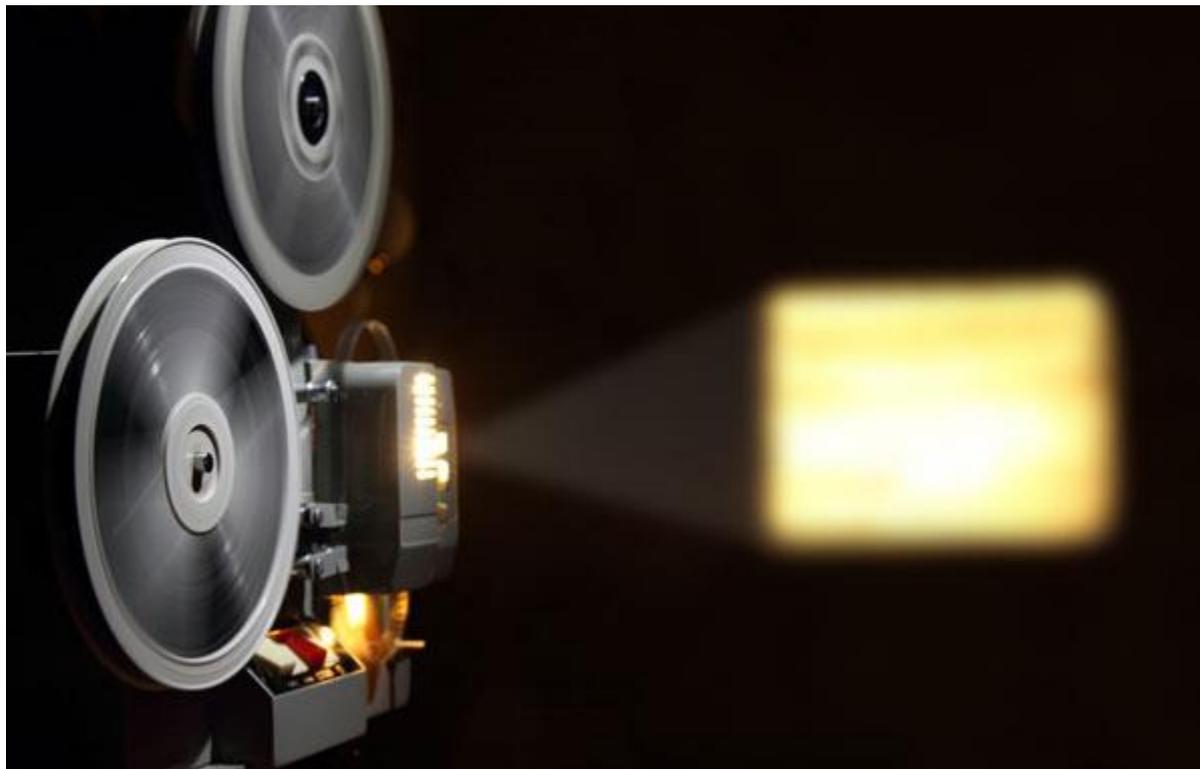
Any time you're working with video, DON'T do anything else on that computer which takes chunk of power!

Second:

Digitizing video can build up a lot of large files. Always work in a space which keeps your files visible (your desktop is perfect!), so you can be sure they get deleted when you're done with them.

One final catch... these all assume your video/film is being output in an electronic format.

Great for VHS, laserdisc, or anything which is basically electronic information on a piece of plastic or on a piece of tape. What about film...



Why not just project it and film it?

You can, but...

Digital cameras take pictures at 30 frames per second (generally).
16mm projectors run at 24 frames per second (generally).

These need to be synched,
or you can get a strobelike effect.

Variable speed projectors.
Variable speed cameras.
Various pieces of equipment or software.



