Back in Time



CurateGear 2015 Doug White, NIST www.nsrl.nist.gov

Back in Time: Reading Media Older than Our Staff



CurateGear 2015 Doug White, NIST www.nsrl.nist.gov

Back in Time: Reading Media Older than Our Staff *or*'Get Off My Lawn'

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Back in Time: Reading Media Older than Our Staff or 'Get Off My Lawn Tapes'

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Disclaimer: mention of specific products or manufacturers is for illustration only and not meant as an endorsement.

Audience Participation

Who has actually **USED** one of these storage media for their own purpose?

(not "have you encountered one?")

Kids These Days

Are not experienced with analog signals

Are not experienced with linear storage

Are not experienced with mechanical devices

Are not experienced with cleaning & calibration

Demo: From Cassette...



KONGO KONG

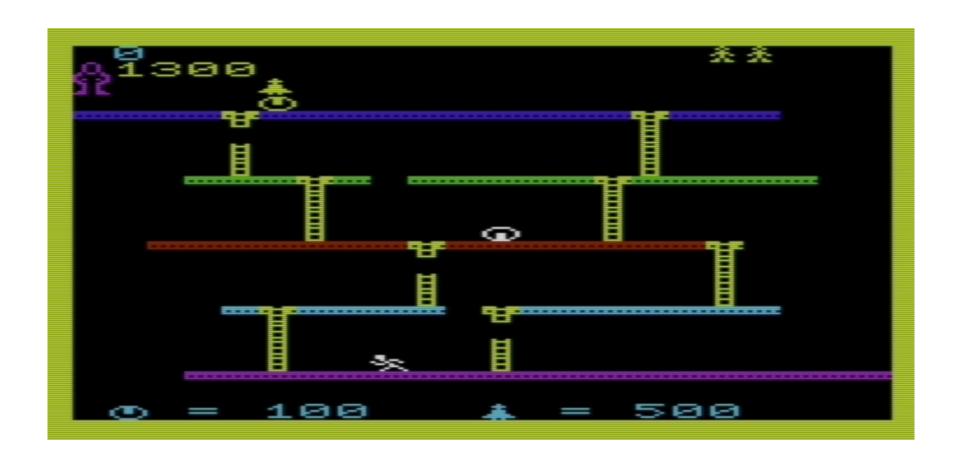
VIC-20 STANDARD MEMORY KEYBOARD OR JOYSTICK

Climb ladders, avoid the barrels the crazy ape is rolling at you, and rescue the damsel. Fast machine code action.

VICTORY SOFTWARE CORPORATION

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... To Executable ...



... Using a Deck ...



... and a Few Linux Tools

Prequisite: BitCurator 1.2.1 & the computer has an audio input

Install these tools:

- sudo apt-get install alsa ecasound libaudio-ecasound-perl
- sudo perl -MCPAN -e 'install Audio::Ecasound'
- http://sourceforge.net/projects/c64tapedecode/
- sudo apt-get install vice

Run these commands:

- ecasound -r -f:s16,1,44100 -i alsa -x -o outfile.wav
- wav2tap outfile.wav > outfile.tap
- xvic

We Can Party



Like it's 1985!

