

Back in Time



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

Back in Time: Reading Media Older than Our Staff



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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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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

7 VALLEY BROOK ROAD
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... To Executable ...



... Using a Deck ...



... and a Few Linux Tools

Prerequisite: 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!

