

# Emulating Legacy Games

**Some Brief Notes**

# Emulation? Virtualization? Magic?

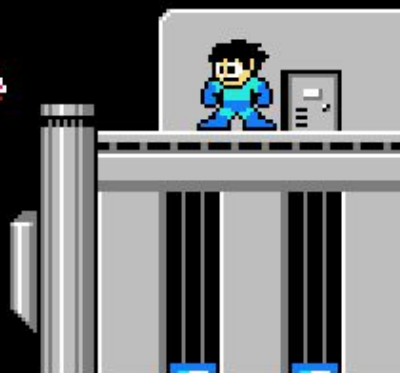
- Emulation: translating hardware needs of incompatible software to current hardware
  - Goal: overcome obsolescence and exclusivity
- Virtualization: creation of a “virtual machine” - a contained system (OS, devices, software) that talks directly to your computer’s CPU/hardware
  - Goal: split and manage your hardware’s resources to be more efficient/do cool stuff

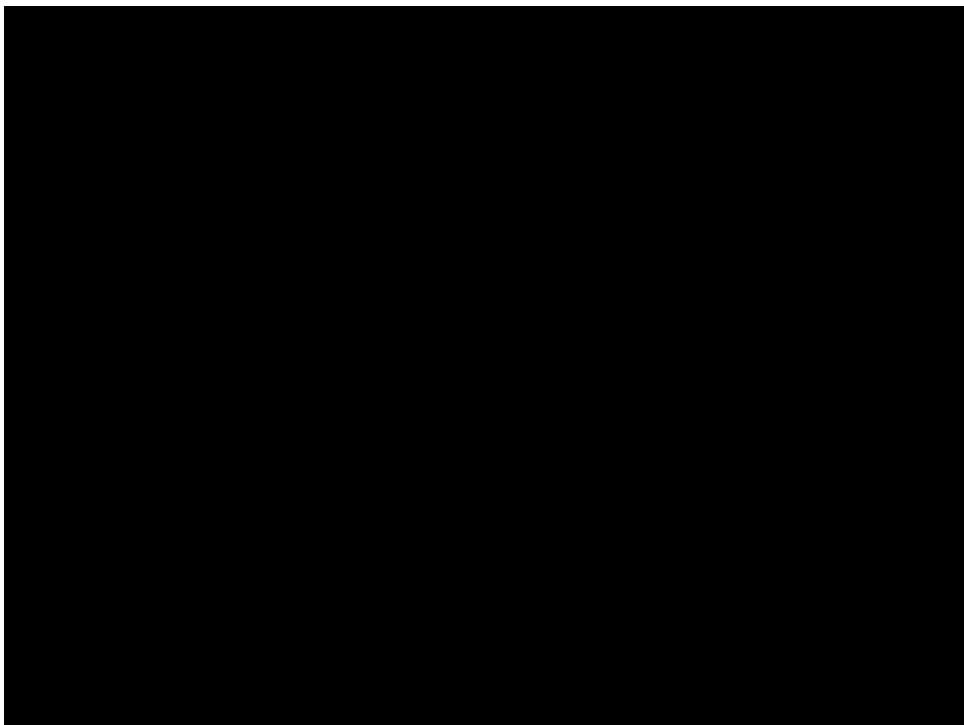
DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Program: NESTICLE

# MAZMA

## II

▶ NORMAL  
DIFFICULT  
PRESS START







**Ethan Gates**  
@The\_BFOOL

Perhaps an origin story question for us all: when was the first time you tried emulating an older/obsolete OS? What was the program you used? Is it still around? Was there good documentation? How long did it take to get up and running?

Was it a side project/self-education? For a class? For work? To play a beloved childhood video game again?

Designing a lab session around emulating obsolete systems, and trying to think broadly and not just talk about tech, but experience...

Feb 06, 2018, 20:18 · Tusky · ↻ 4 · ★ 2



**allananaa** @allananaa@witches... 2/6  
@The\_BFOOL i mean... it was probably firing up dosbox if you want to include that? or the most vivid memory would be using an snes emulator. the first one requiring actual "work" a windows vm on a Lin take your pick!



→ **Ashley Blewer!** @ashley 2/7  
@The\_BFOOL that sounds rad! for me, it was as a teen trying to play Sam & Max and it was actually half my lifetime ago so I have no idea about the details



**Phil Salvador** @shadsy  
@The\_BFOOL It was game emulation, the DOS-based NES emulator Nesticle, just doing it for fun to play old games. There was basically no documentation, but it was so simple to use (open a ROM and it works) that it colored my expectations for how easy all other emulation experiences should be



# King of Kong's Billy Mitchell gets kicked off the Donkey Kong leaderboard for allegedly playing on MAME, not real hardware

By [Wes Fenlon](#) 6 days ago

And playing on MAME may have opened up the door to cheating.

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# Guinness Officially Nixes Todd Rogers' *Dragster* Records



Heather Alexandra

1/30/18 5:40pm • Filed to: DRAGSTER ▾



45



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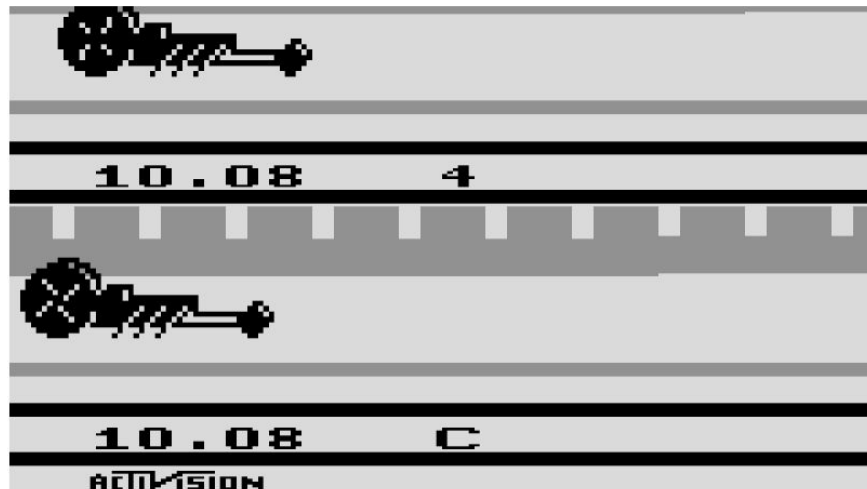


Image: Moby Games

# What you need to trick a computer:

- Emulavirtualizing application (pre-compiled for your modern OS, or custom configured + compiled if you wanna play like that)
- Operating system installer (physical media or disk image)
- ROM file (fake CPU)
- Virtual hard drive (a disk image, formatted to install/run the OS and software you want)

# Resources

Shareware/Abandonware:

- [WinWorld](#)
- Macintosh Garden
- [Internet Archive's Software Library](#)

sssshhhh ☐

- [Windows OS product keys](#)
- [A collection of Mac ROMs](#)

- [Internet Archive's Software Preservation Library](#)
- [Emaculation](#)

The Emularity:

- [Click-bait announcement blog post, Jason Scott](#)
- [GitHub repo](#)