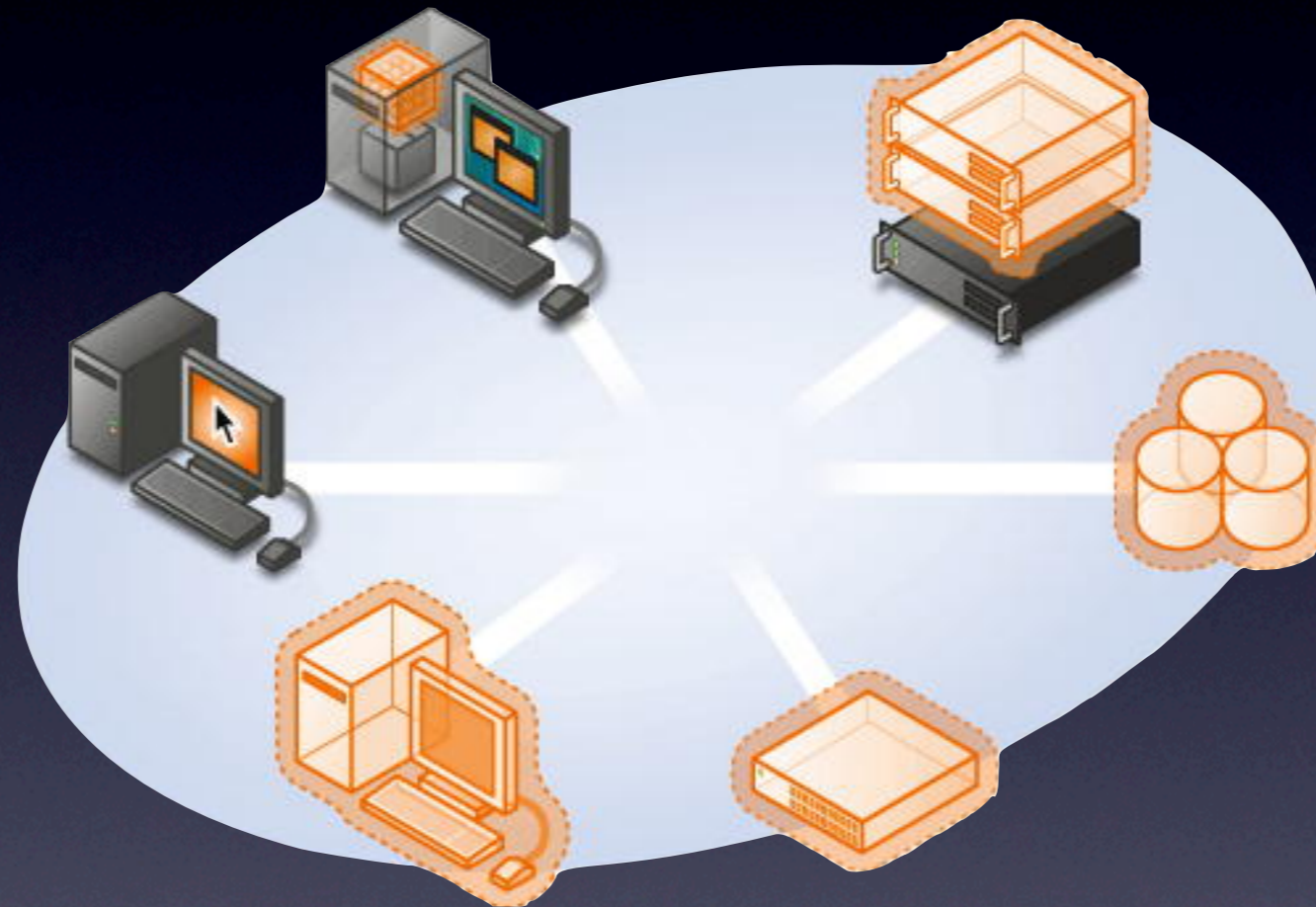


Virtualization / Emulation

May 11, 2022

Past Programs



Download August 8, 2012 Presentation

Two Main Avenues

- ✓ Emulating older Mac operating systems
- ✓ Emulating non-Apple OS's

Older Mac Operating Systems

- ✓ SheepShaver is still supported and continues to be developed
- ✓ Casual usage through a browser using the Internet Archive

SheepShaver



✓ Requirements

- ROM image from an older PPC Mac
- An ISO of macOS anywhere from 7.5.3 to 9.0.4
- Designated Shared Folder on host Mac
- Software
 - ◆ Either on a CD or as an ISO
 - ◆ Much can be found on [Macintosh Garden](#)

Apple IIe

✓ Some available on Internet Archive

✓ Virtual II

- Demo available
- License \$39



Emulate other Systems

✓ VMFusion from VMware

- Fusion Player is free for personal non-commercial use



✓ Parallels

- Retail: \$79.99 or Pro@ \$100/yr



✓ VirtualBox

- Free OpenSource supported by Oracle
- Slower and more complicated to use than other two
- No word about M1 support



✓ UTM OpenSource Active project

- Supports iOS, Intel and M1 Macs
- Galleries to help install macOS 9.3, Linux distros and Windows including WINXP, and Win 7 through 11



Limitations

- ✓ Parallels 17 and UTM will run on M1 Macs
- ✓ Fusion 12 does not currently run on M1 Macs
 - Beta version is available for M1 Macs
 - Does not support WIN 11
- ✓ All will only support Windows for ARM when running on M1