

The logo for EaaS (Emulation as a Service) is a black circle with a white border. Inside the circle, the text "EaaS" is written in white, with a blue vertical bar and a blue dot above the letter "i".

**EaaS**

# Challenges Building an Emulation Service for Born-Digital Collections

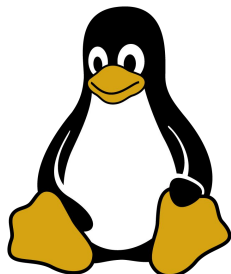
No Time to Wait 6  
Oct. 28, 2022

**Yale**



Software  
Preservation  
Network

## What is EaaSI?

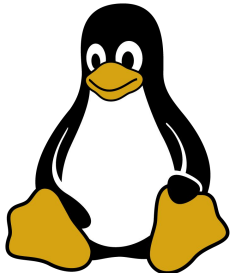


- **Emulation-as-a-Service Infrastructure**, a grant-funded program of work, hosted by Yale University Library, started in 2018

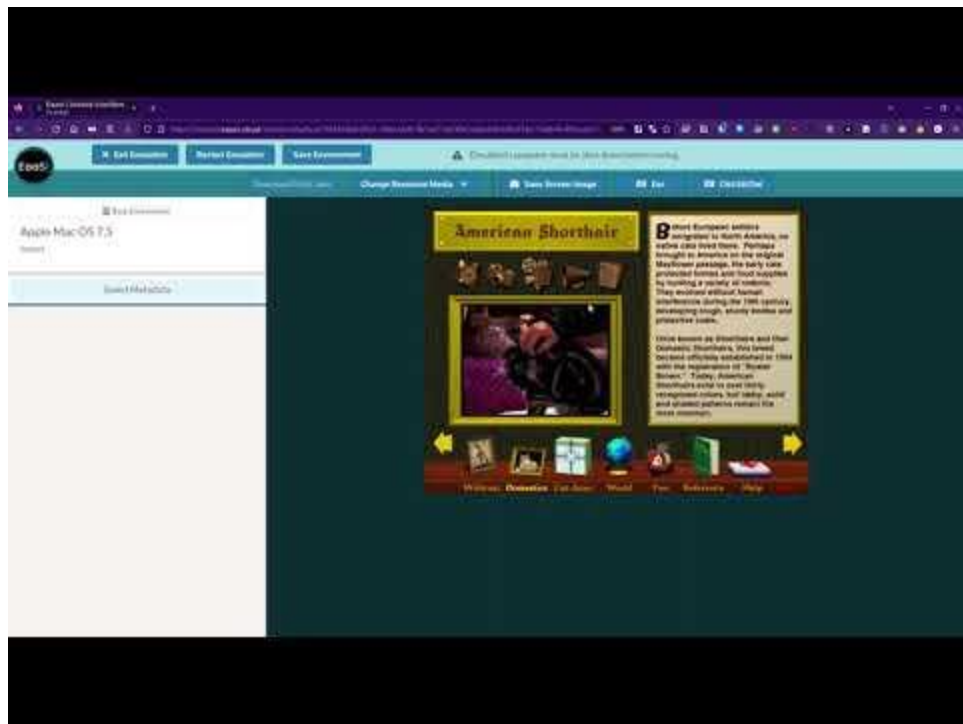


- An assembly of people and projects with the central aim of expanding use of the EaaS framework for born-digital preservation and access
- A platform with a networked community of users

**...that seems like a lot!**



- It is! Program goals and efforts include:
  - Sponsoring further development on EaaS
  - Improving available metadata to describe software and computing environments
  - Providing documentation, training and support for memory/heritage orgs around emulation
  - Combining all these factors into a sustainable service model for born-digital collections



# Service Challenges

## Copyright Practice

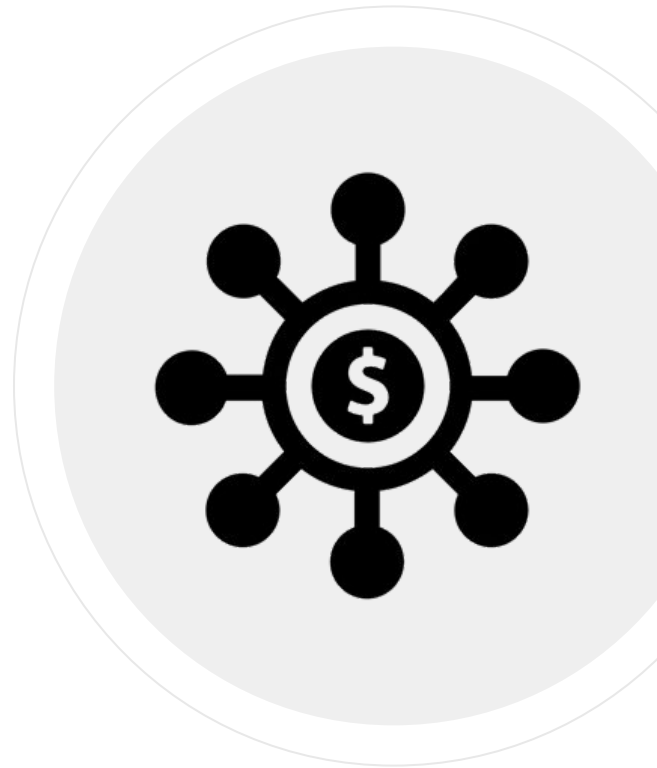
- Hesitancy in adopting “fair use” practices (in the U.S.)
- Sharing and accessing legacy software across international borders
- Emulator limitations



# Service Challenges

## Capacity and Sustainability

- Balance R&D and maintenance
- Available funding models



# Calls to Action

- Born-digital A/V use cases
  - NLE project files?
  - Flash, Director, VRML or other software-dependent complex media?
  - Migration-via-emulation?



- Join the community of practice
  - EaaSI Community Forum
  - Software Preservation Network



- Improved/dedicated emulation dev
  - Particularly for Apple hardware
  - ...for stuff other than games :)



- ...potentially apply to be my boss?(!)
  - Will be seeking a new Program Manager in coming months

# More About EaaS

- Service details:  
<https://eaasi.info>
- EaaS Community Forum:
  - <https://forum.eaasi.cloud>
- EaaS User Handbook:
  - [https://eaasi.gitlab.io/eaasi\\_user\\_handbook/](https://eaasi.gitlab.io/eaasi_user_handbook/)







# Thanks!

## You can find me at

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