Emulation in Action
Applying EaaSI for Research and Study
Coalition for Networked Information
Fall Meeting 2020
EaaSI provides technology and services for the application of software emulation across a diverse spectrum of professional disciplines, organizations, and individual use cases.
EaaSI Program Timeline

2018
EaaSI Network kickoff
5 partner organizations volunteer to test EaaSI software and guide development of service and governance

2019
First EaaSI beta release
EaaSI system with network capabilities released to nodes

EaaSI Public Sandbox
Demo instance of EaaSI feature open source software released for public access

2020
New EaaSI Node
Georgia Tech joins cohort of EaaSI nodes

EaaSI v2020.03 release
Most recent release featuring new UI

2021
Release of hosted edition
The next release of EaaSI will include a version of the system offered on hosted infrastructure

SPN pilot program
Members of the Software Preservation Network will serve as test users of the hosted edition

Digital Publications Service
Standalone service providing on-demand access to digital publications in circulating library collections

2022
Public EaaSI node
The EaaSI Sandbox instance will become a fully-functioning node where users can install and access open source software

Digital Publications Service
Standalone service providing on-demand access to digital publications in circulating library collections
EaaSI User Interface
Phase 2
July 2020 – June 2022

Development
- Android emulation
- Computer networks
- Automation features
- User management improvement
- Metadata model implementation

Support
- Improved support services
- User forum
- Routine system maintenance
- New training modules

Community
- SPN pilot program
- Service model and organizational infrastructure
- Regular publication of case studies, blog posts, and demos
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Demos

1. YUL Emulation Viewer
2. Universal Virtual Interactor (UVI)
3. Emulated Computer Networks
Build interactive emulated access to legacy CD-ROMs in your collection with a few clicks.

Learn more
Towards a Universal Virtual Interactor (UVI)

EaaS Service

1. Submit Proposal
   Send the contents of Towards a Universal Virtual Interactor (UVI) to EaaS. They will prepare the contents and return an image that can be run as an emulator.

SEND

2. Results
Wikidata playable demo 1.0

An initial release of the Yale University Library Wikidata integration for Siegfried.

The documentation that was originally here has now been replaced with the official Wikidata integration documentation.

Work that was still in progress at this stage:

- Auditing Wikidata sources and updating Wikidata models.
- Provenance for container files.
- Lang flag doesn’t yet work, i.e. `./roy harvest -wikidata -lang DE`.
- Additional testing verifying the efficacy of the Wikidata integration.
- And more!

You would be better served to use the official stable Wikidata integration release, at time of writing is 1.9.1.
A Very Special Thanks to our Funders...
Thanks!

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softwarepreservationnetwork.org/emulation-as-a-service-infrastructure/

#eaasi on Twitter