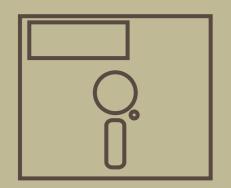


Software Preservation Network: A Model for Long-Term Access to Proprietary File Formats

California Polytechnic State University Zach Vowell

The University of Texas at Austin Jessica Meyerson Carlos Ovalle



Symposium on the Preservation of Microcomputing Software (1990) takes place at the Arden Conference Center in the Catskills.

Rothenberg (1995) publishes his "Ensuring the Longevity of Digital Documents" article in Scientific American.

The Internet Archive (2011-now) develops the JSMESS in-browser emulator.

bwFLA (2012) Emulation-as-a -Service research group begins work on proof-of-concept.

Preserving.exe Report (2013) is released following the summit hosted in Washington, D.C.

1980s

1990s

-(2000s)

2010s

SPN

Mitchell (1984) and Peterson (1985) both acknowledge the performativity of digital records in the archival discourse.

Bearman (1987) writes a report on the feasibility of creating a national software archives.



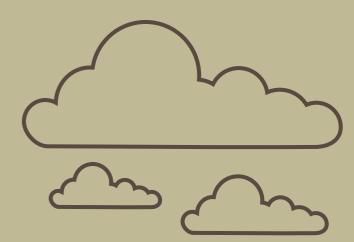
IEEE Annals of the History of Computing (2002) holds a special conference on "software issues".

The Internet Archive (2003) receives an exemption to DCMA anti-circumvention clause.

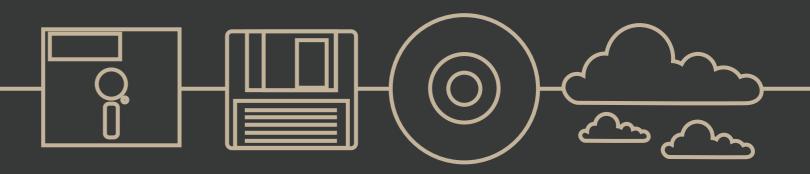
Dioscuri (2007) is released as open source software.

JISC (2008) publishes a report on Significant Properties of Software.

CMU (2009) receives funding to support the Olive Archive Project.



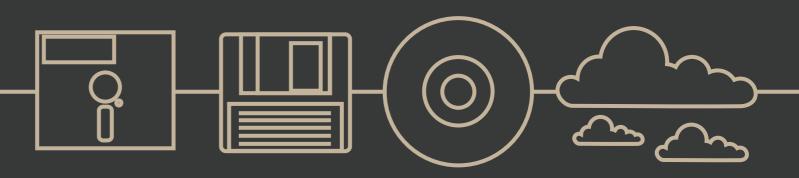




Defining Our Terms

- + Software
- + Preservation
- + Network

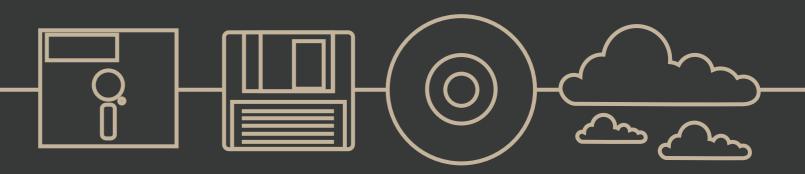




Legal Framework

- + Copyright for archival preservation
 - Section 104: First Sale
 - Section 108: Fair Use
 - DCMA Section 1201: Anti-circumvention

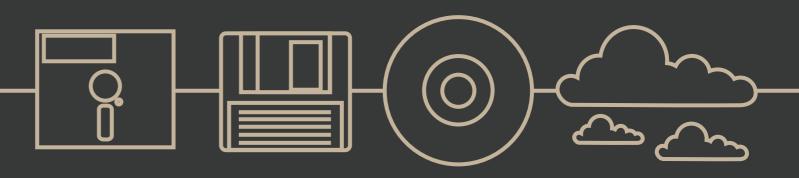




Legal Challenges

- + Preservation is systematic
- + Rulemaking procedure 3 year cycle
- + Contracts and licensing

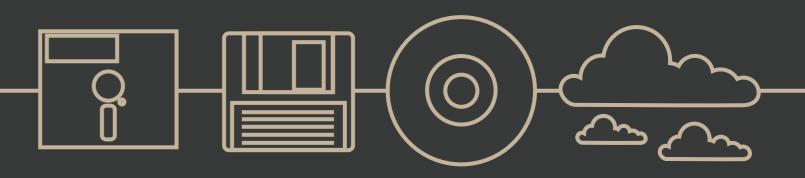




Legal Approaches

- + Vendor partnerships and arrangements
- + Licensing negotiation
- + Section 1201 Participation

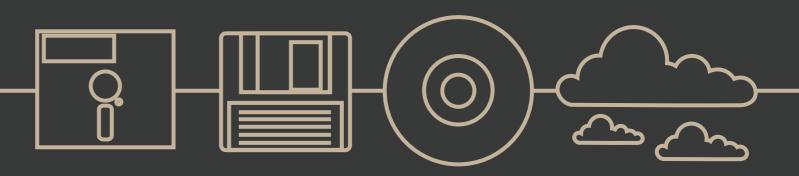




SPN's Place in the Broader Landscape

- + Anchored to history
- + Distributed Digital Preservation Networks
- + Project partners

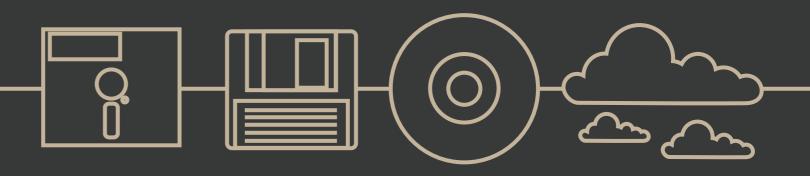




Status Report and Roadmap

- + Advisory Committee members
- + Planning grant IMLS
 - Empirical evidence of need
 - National forum for buy-in and feedback on draft specs
- + Implementation grant
- + Sustainable membership model

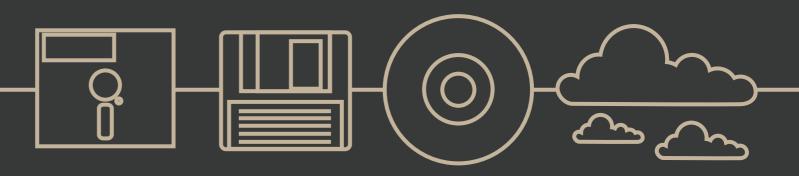




Questions for the Audience

- + Biggest challenge facing SPN?
- + Strategies for engaging software companies?
- + Alternative licensing models for software?
- + Suggestions for potential partners?

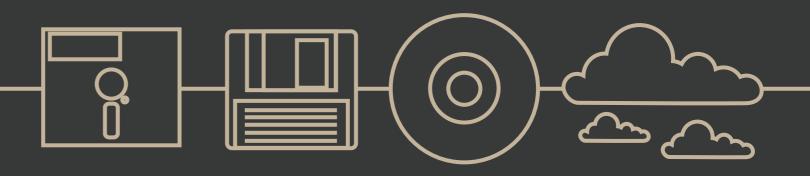




Phases of Implementation

- + Phase One: Planning Grant
- + Phase Two: Implementation Grant
- + Phase Three: Identify Sustainable Funding





Questions for the Audience

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