

I T H A K A

JSTOR | PORTICO | ITHAKA S+R

# Scaling Up and Scaling Out Leveraging Preservation Infrastructure and Experience to Benefit the Community

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# Our Mission

**ITHAKA** is a not-for-profit organization that helps the academic community use digital technologies to preserve the scholarly record and to advance research and teaching in sustainable ways.

We pursue this mission by providing services that aid in the adoption of these technologies and that create lasting impact.

# Our Services



**Ithaka S+R** is a research and consulting service that focuses on the transformation of scholarship and teaching in an online environment.



**JSTOR** is a research platform that enables discovery, access, and preservation of scholarly content.



**Portico** is a digital preservation service for e-journals, e-books, and other scholarly e-content.

PORTICO

# Definition of Preservation

Digital preservation is the series of management policies and activities necessary to ensure the enduring usability, authenticity, discoverability, and accessibility of content over the very long-term. The key goals of digital preservation include:

## Usability

- the intellectual content of the item must remain usable via the delivery mechanism of current technology

## Authenticity

- the provenance of the content must be proven and the content an authentic replica of the original

## Discoverability

- the content must have logical bibliographic metadata so that it can be found by end users through time

## Accessibility

- the content must be available for use to the appropriate community



# Portico Mission

Offers the scholarly community the ability to support preservation through separate e-journal, e-book, and digitized collection services

Works with a two-sided business model, with financial support from library and publisher participants

First preservation archive certified as a Trustworthy Digital Repository by the Center for Research Libraries (2012)



# Portico Facts and Figures

- **223 participating publishers**
- **914 participating libraries**
- **435M files**
- **28M e-journal articles**
- **165,000 e-books**
- **1.5M digitized newspapers and sources**
- **10 triggered journal titles**



# Requirements for Trustworthy Digital Preservation

- Clear preservation definition and mission
- Transparency regarding the preservation process and the status of content
- Reliable delivery of service over time and effective response to events
- Willingness to be audited with results reported to the community
- Ability to collaborate with others to find common solutions
- Capacity to handle future preservation needs



Portico is delivering content to the British Library to assist with their recently enacted legal deposit requirements.

Since April 2013, Portico has delivered 136,396 articles, and we are now working with the British Library to select the next group of publishers for formatting.

Question: Can we leverage this work to assist other national libraries with their legal deposit and preservation needs?



# British Library Partnership: Scaling Up and Out

- Continuous improvement to workflow and policies
- Enhanced communication protocols
- More efficient use of staff expertise
- Leveraging of existing relationships with publishers
- Provide preservation solutions that reduce costs and increase capacity for the broader community
- Allow each partner to focus on their core activities



# Future Challenges

- Long tail of smaller publishers and libraries
- New forms of scholarly content and new preservation requirements
- Exponential growth of data in need of preservation
- Need for more partnerships and collaboration to leverage expertise and ensure that the community does not pay to develop tools and infrastructure multiple times





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