

Portico's mission is to preserve scholarly literature published in electronic form and to ensure these materials remain accessible to future scholars, researchers and students.

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The Preservation of Scholarly Information



Digital preservation is the series of managed activities and policies necessary to ensure enduring usability, authenticity, discoverability, and accessibility of content for the long term.

Publishers are increasingly creating books and journals exclusively in electronic format. The instability of electronic formats makes the future availability of this information of growing concern. Without reliable access to the collected scholarship of the past, the academic community would be unable to engage in research and teaching. Academic institutions expect publishers to have a clearly defined preservation strategy that demonstrates their commitment to providing long-term access to their content.

The biggest challenge in the preservation of digital content is the required dedication of expertise, time, and resources to manage technological advances and to create an infrastructure to handle extremely large volumes of content. The scale and complexity of the infrastructure and operation necessary to preserve electronic scholarly literature exceeds the expertise and budget of most publishers.

After extensive discussion in the library and publisher communities, the Portico digital preservation service was born. Portico preserves digital scholarly information in all disciplines including science, technology, medicine, arts and humanities, and social sciences.



Portico is a not-for-profit service committed to the preservation of digital publications, including, but not limited to, e-journals, e-books, and digitized historical collections. Founded in 2002 by JSTOR, Portico has built a trusted and reliable community-based archive. Additional support for Portico is provided by The Andrew W. Mellon Foundation, Ithaka, and the Library of Congress.

From the beginning Portico engaged the academic community, including academic libraries and their parent institutions, as well as the scholarly publishing industry, to develop a robust digital preservation service. Portico recognizes the needs of these groups, and is built on the concept that each must support the creation and maintenance of the archive. Portico is a third-party trusted partner, creating a solution that meets the needs of all parties.

PORTICO MANAGED PRESERVATION



Source files undergo numerous processing steps to identify, classify, and validate.



Convert or "normalize" XML files to NLM Archiving and Interchange document type definition (DTD), if necessary.



Apply metadata wrapper based on Metadata Encoding and Transmission (METS) standard and PREMIS.



Perform quality control and create standard archival package.



Deposit package in archive management system.



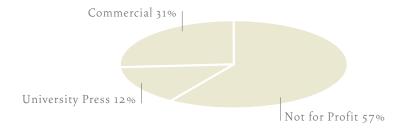
Ongoing support for Portico comes from hundreds of libraries and publishers from around the world which are taking collective action to protect vulnerable resources central to research and teaching.

Today there is a rapidly growing sense of urgency for digital preservation in both the publishing industry and academic community. Both groups acknowledge the need to ensure indefinite preservation of digital content.

Publishers of all sizes recognize that digital preservation is an important yet complex and expensive undertaking. Hundreds of publishers and societies already entrust their content to Portico because they understand that Portico's robust process of deep analysis and pre-emptive content migration properly prepares all content preserved in the Portico archive. This ensures the best possible long-term preservation (and delivery, if necessary), of their content.

For a decade or more, academic institutions have sought a guarantee of long-term and continuing access to the digital scholarly content in which they have invested. Until now, there have been no satisfactory preservation solutions available. Portico can provide access to your content in the event the content is no longer available from you or a successor.

The full list of Portico's participating publishers and committed titles is available at www.portico.org



Participating Publishers



- Participation in Portico provides you with the means to meet library demand for a trusted, reliable third-party archive.
- Portico provides the most reliable method of preserving digital content. Portico is already trusted by hundreds of participating libraries and publishers more than any other digital preservation service.
- Participation in Portico relieves you of the obligation to convert source files to archival formats and conduct future content or format migrations as technology changes.
- Participation in Portico gives you the option to reduce or potentially eliminate current internal archiving activities and related costs.
- Portico is driven by technical excellence. Portico developed and helps maintain many of the preservation industry's standards.
- Portico's approach is highly professional, methodical, and transparent.
- Portico can facilitate the provision of post-cancellation access to your customers if you so choose.

Access Conditions Institutions participating in Portico are granted access to the archive only when content is no longer available from any other source. The conditions that must prevail for content to be accessed are known as "trigger events", and include:

- A publisher ceases operation, or
- A publisher ceases to publish and offer a publication, or
- A publisher no longer offers access to back issues or volumes, or
- Upon catastrophic and sustained failure of a publisher's delivery platform.

If a trigger event occurs, and while it continues, access to publications that are no longer available from the publisher or any other source will be made available campus-wide to all Participating Institutions via the Portico web site.

Post-Cancellation Access Many publishers wish to have a mechanism in place to offer post-cancellation access, also known as "perpetual" access, to their existing customers. However, a solid preservation strategy as well as a technical infrastructure are required to provide this service. As part of the Portico service, a publisher can opt-in to have Portico handle post-cancellation access claims on their behalf at no additional cost.

To date, Participating Publishers have designated Portico as a delivery platform for post-cancellation access for more than 80% of the titles committed to the archive.



To participate in Portico, a publisher need only:

- Sign a non-exclusive archiving license that gives Portico the right to ingest, normalize, archive, and migrate content as required
- Make an annual financial contribution
- Supply electronic publication source files
- Indicate whether Portico will provide post-cancellation access

We take it from there. Portico develops a preservation strategy for each type of publication that is committed to the archive, including transformation and normalization to a standard archival format if necessary. Portico also assumes responsibility for future content and technology migrations as required.

"Archived in Portico" Logos Let the scholarly community see your commitment to the digital preservation of your content by displaying the Portico logo. This logo may be used to indicate that a specific journal or book title has been archived in Portico. It is appropriate for use on your website or in print materials, and is available at http://www.portico.org/news/logo.html.

ARCHIVED IN





Portico is a not-for-profit service that covers its operating costs from diversified funding sources including Participating Publishers and Institutions, charitable foundations and government agencies. This business model ensures the financial security and long-term sustainability of Portico's preservation activities.

Both publishers and libraries help to defray the ongoing costs of operating the archive, including the technology and operations infrastructure set up to ingest, archive, and migrate the content committed to the archive.

Publishers support Portico's work through annual financial contributions which are tiered and based on a publisher's total e-journal and/or e-book revenues (including print and electronic subscriptions, licensing, and advertising) as follows:

ANNUAL JOURNAL REVENUE ANNUAL ARCHIVE CONTRIBUTION

\$200 + million \$75,000
\$100 - 200 million \$50,000
\$50 - 100 million \$25,000
\$10 - 50 million\$ 15,000
\$5 - 10 million \$ 5,000
\$1 - 5 million\$ 2,500
\$500,000 - 1 million\$ 1,000
\$250,000 - 500,000\$ 500
up to \$250,000\$ 250

ANNUAL E-BOOK REVENUE ANNUAL ARCHIVE CONTRIBUTION

\$10-50 million\$15,000
\$5 - 10 million\$10,000
\$1 - 5 million\$ 7,500
\$500,000 - 1 million \$ 5,000
\$250,000 - 500,000 \$ 2,500
up to \$250,000\$ 1,000

There is also a one-time set-up fee for e-books that ranges from \$2,500 to \$25,000 depending upon the complexity of the content. The fee is quoted after submission and evaluation of sample e-book files.



Portico recognizes that participation in a long-term preservation effort is a new and collaborative activity for both publishers and academic institutions. Portico will continue to offer its expertise to the industry, and work to meet its primary responsibility to preserve the scholarly literature entrusted to it for long-term preservation. We rely upon ongoing dialogue with the community, including the Portico Advisory Committee, comprised of leaders from across the academic community and publishing industry.

Portico is an active participant in the scholarly communications and preservation communities through its association with the following:

ORGANIZATIONAL MEMBERSHIPS

- Alliance for Permanent Access | Liaison
- Association of American Publishers, Professional/Scholarly Publishing Division | Member
- Association of Learned and Professional Society Publishers | Associate Member
- Coalition for Networked Information (CNI) | Affiliation via Ithaka
- CrossRef | Member
- Digital Preservation Coalition | Associate Member
- National Information Standards Organization (NISO) | Affiliation via Ithaka
- Society for Scholarly Publishing | Supporting Member
- STM the International Association of Scientific, Technical,

and Medical Publishers | Affiliate Member

■ United Kingdom Serials Group | Member

PARTICIPATION IN COMMUNITY EFFORTS

- Archive Preservation Agreement between the National Library of the Netherlands and Portico
- The British Library eIS Technical Advisory Panel
- JSTOR/Harvard Object Validation Environment ("JHOVE") and JHOVE2
- LIFE (Life Cycle Information for E-Literature) Project Advisory Board
- National Information Standards Organization (NISO) Architecture Committee
- NCBI XML Interchange Structure Working Group (advisory body for the NCBI Journal Archiving and Interchange DTD Suite)
- Preservation Metadata Implementation Strategies (PREMIS) Working Group

FOR LIBRARY PARTICIPATION INQUIRIES:

149 Fifth Avenue, 8th Floor, New York, NY 10010, USA 212 358-6442 participation@portico.org

FOR PUBLISHER PARTICIPATION INQUIRIES:

100 Campus Drive, Suite 100, Princeton, NJ 08540, USA 609 986-2222 publisher.relations@portico.org

FOR ALL OTHER INQUIRIES:

100 Campus Drive, Suite 100, Princeton, NJ 08540, USA
609 986-2222
support@portico.org