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Portico and the International Preservation Puzzle

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Managing Director, Portico

E-Journals are forever? A DPC,EDINA and JIST joint initiative
British Library
26th April 2010

What is Digital 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.

What does Digital Preservation Ensure?

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Usability	The item's intellectual content must remain usable via current technology
Authenticity	The provenance of the item must be verified and the content a valid replica of the original
Discoverability	Logical bibliographic metadata must be accessible to ensure the content can be found
Accessibility	The content must be available for use to the appropriate community(s)

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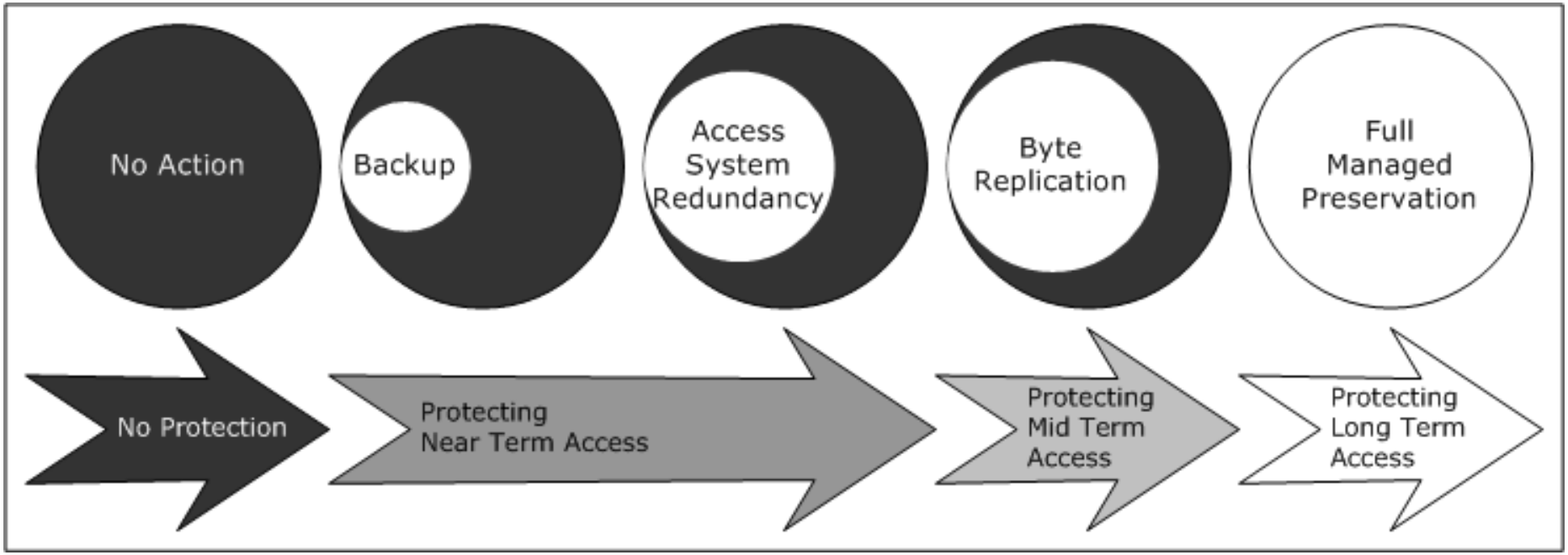
What is Digital Preservation Not?



Who does Digital Preservation?

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Third Party

- Enables economies of scale
- Risk control via diversified support
- Vast content of broad interest

Cooperative

- Targets members' collections
- Expenses shared within co-op

Local

- Content of local concern
- No cost sharing

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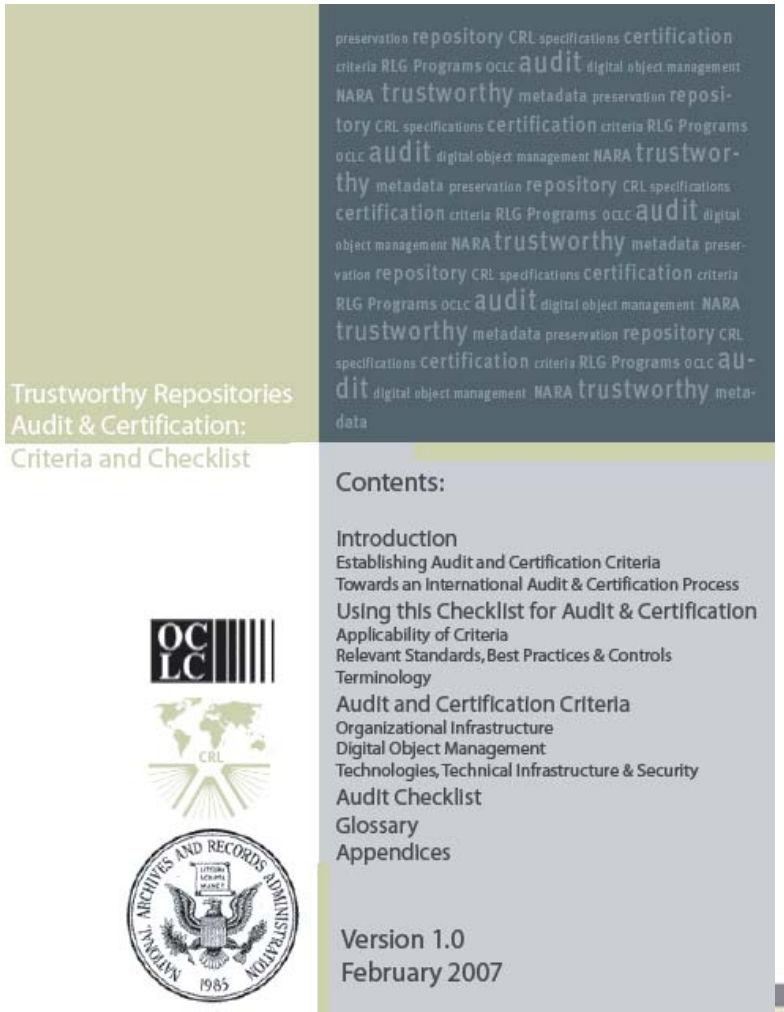
Portico: Third Party Preservation

Portico is among the largest community-supported digital archives in the world.

Supported by publishers and libraries we preserve e-journals, e-books, and other digital scholarly content to ensure continuing access for researchers and students.

Portico: Audit and Certification

In 2010, **Portico** was the first digital preservation service **audited** by the Center for Research Libraries (CRL) and **certified** as **a trusted, reliable digital preservation archive**.



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Portico: Titles Contributed

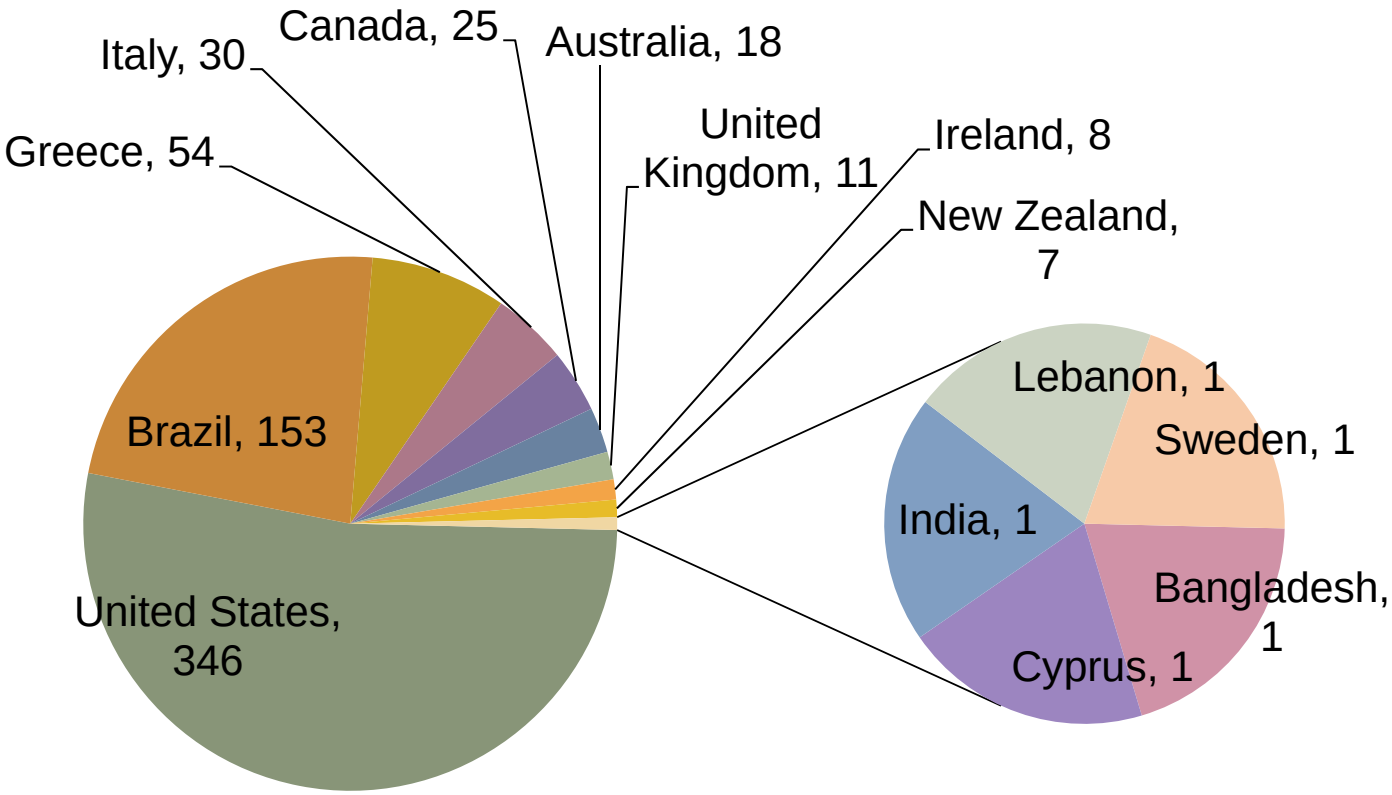
Over 2,000 societies and associations have content committed to Portico.

- E-journal titles 10,852
- E-book titles 34,736
- D-collections 10

Portico Archive: Publishers with the Most Content Preserved Today

Publisher	Articles in the Portico Archive
Elsevier	8,616,092
IEEE, Inc.	1,778,218
John Wiley & Sons, Ltd.	821,584
Taylor & Francis Group	549,800
American Chemical Society	469,088
American Physical Society	424,301
Oxford University Press	389,998
Nature	304,201
SAGE Publications	254,973
American Psychological Association	230,678
Institutes of Physics Publishing	126,215

Portico: Sustainable via International Support



Portico: UK Library Participants

Libraries	Archive Founder
Canterbury Christ Church University	✓
Imperial College London	✓
King's College London	✓
Liverpool John Moores University	✓
London School of Economics	✓
University College London	✓
University of Bristol	✓
University of Huddersfield	
University of Liverpool	✓
University of Nottingham	✓
University of Oxford	✓

Portico: Model

- **A sustainable economic model.** Portico's operating costs are covered by diverse sources including hundreds of publishers and libraries worldwide.
- **Clear legal rights**. Agreements with content providers ensure we have the rights to preserve content and make it accessible when needed.
- **Relationships.** We work with the global preservation community to ensure we deliver the smartest, most reliable, and sustainable solutions possible.
- **Best practices.** Our technological infrastructure is designed according to standards to support long-term preservation.
- **Transparency.** Portico serves the academic community. We are open about our preservation strategy and the content preserved.

Portico Archive: Preserves Intellectual Content

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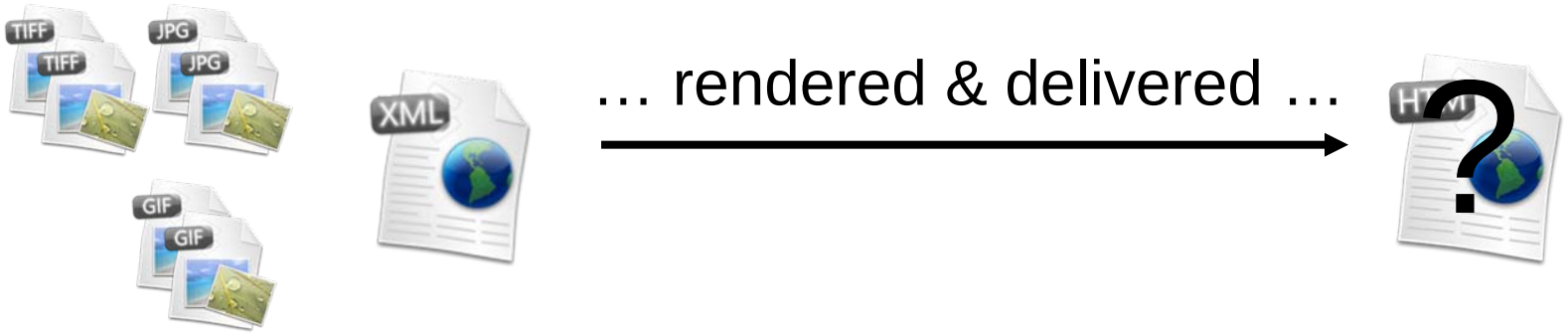
Portico Archive: Access

- Content is rendered to support current delivery platform, i.e. web browser.



- Rendition engine can be modified to meet new technology requirements.

Portico Archive: Access

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Trigger Events

- Publisher ceases operation
- Publisher discontinues a title
- Publisher drops the backfile
- Catastrophic failure of a publisher's delivery platform

Post-Cancellation Access

- Portico provides a reliable means to secure post-cancellation access, if participating publishers choose to designate Portico as a provider of post-cancellation access.

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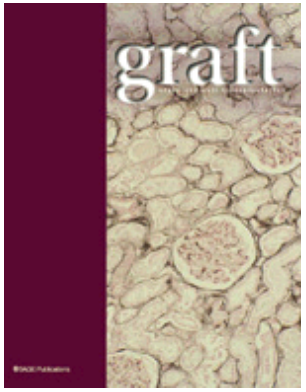
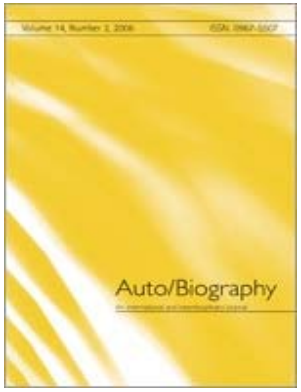
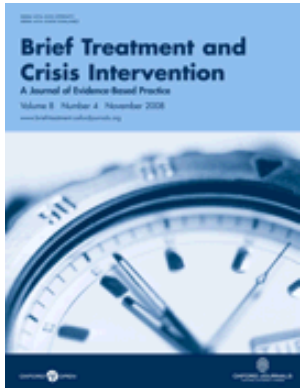
Portico Archive: Trigger Events



SAGE
December 2007



SAGE
June 2008



OUP
March 2009

Hodder Arnold
September 2009

All participating libraries receive access, regardless of previous subscription status

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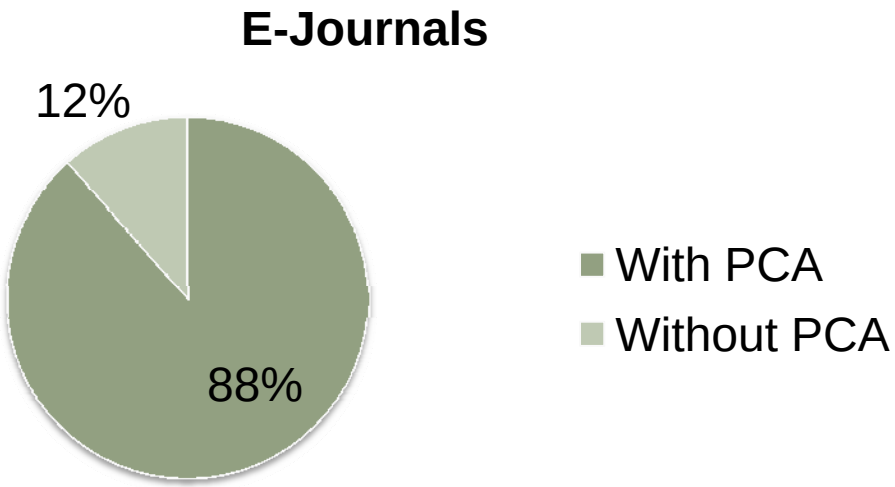
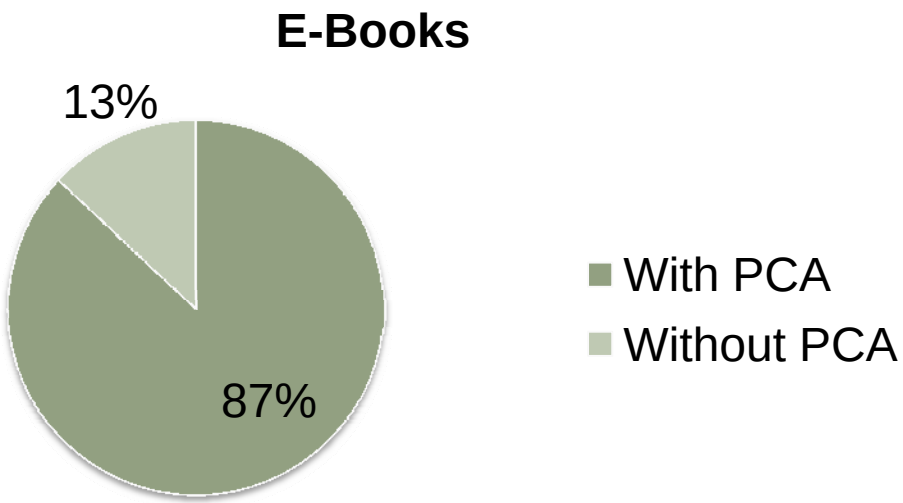
‘09 Facts & Figures: Post-Cancellation Access





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Portico Archive: PCA Fulfillments

155	• Titles
14	• Institutions

Portico Archive: Access

- Portico provides preservation and access

All available titles appear in unified list – this institution has access to triggered content.

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Portico Archive: Access

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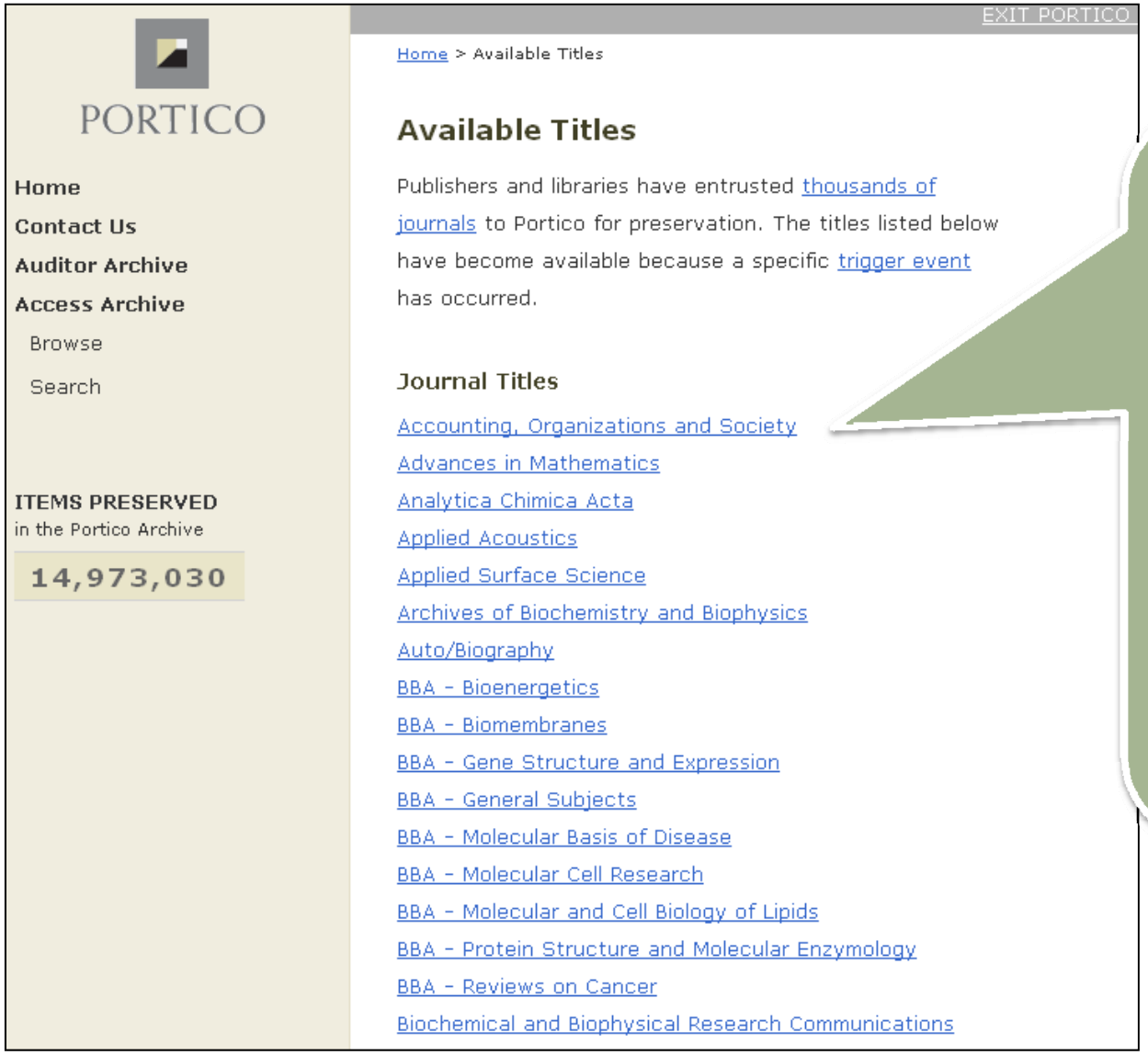

All available titles appear in unified list – this institution has access to triggered content and post-cancellation access content.

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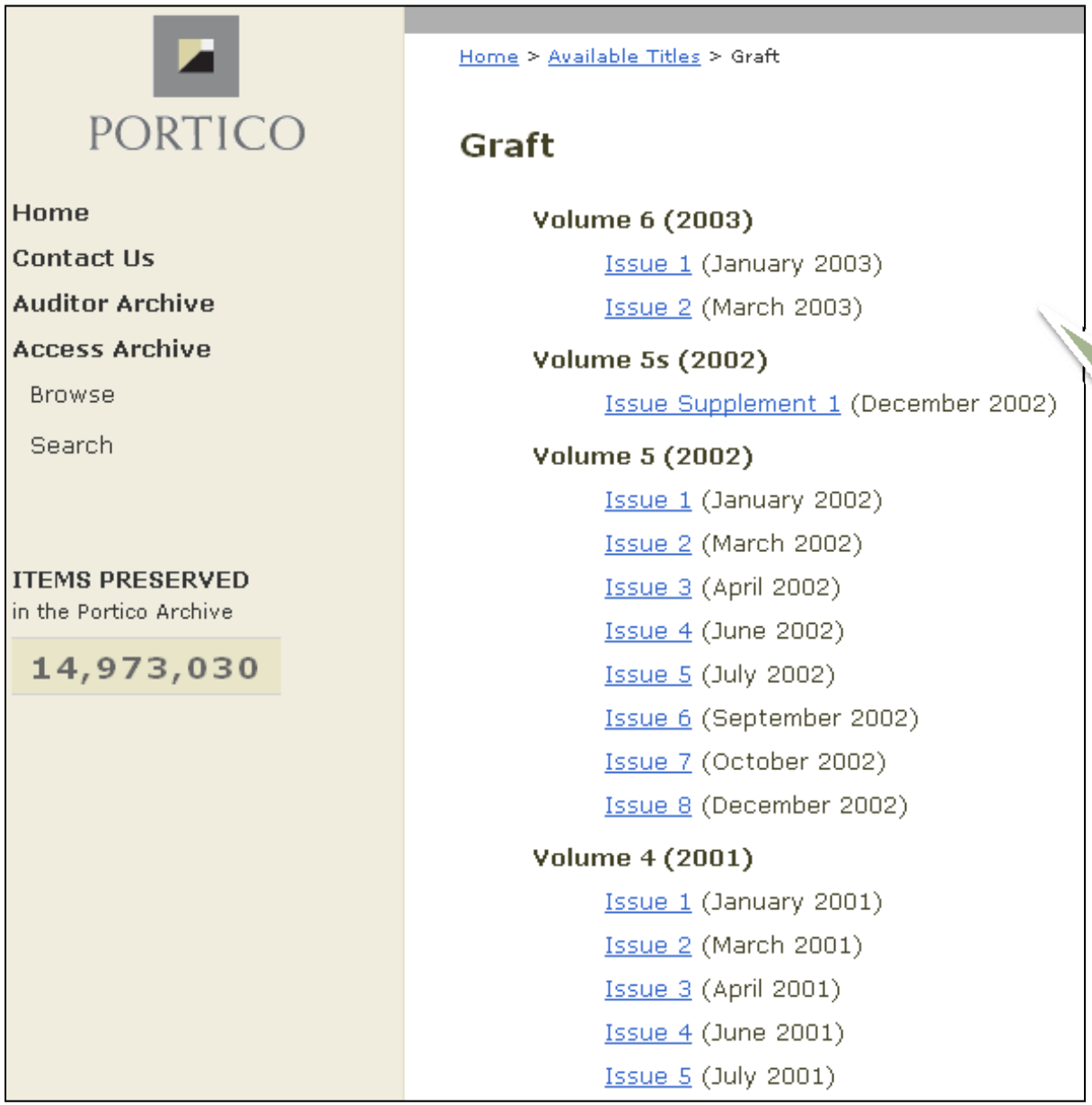
Portico Archive: Access



Each manifest appears in a common style

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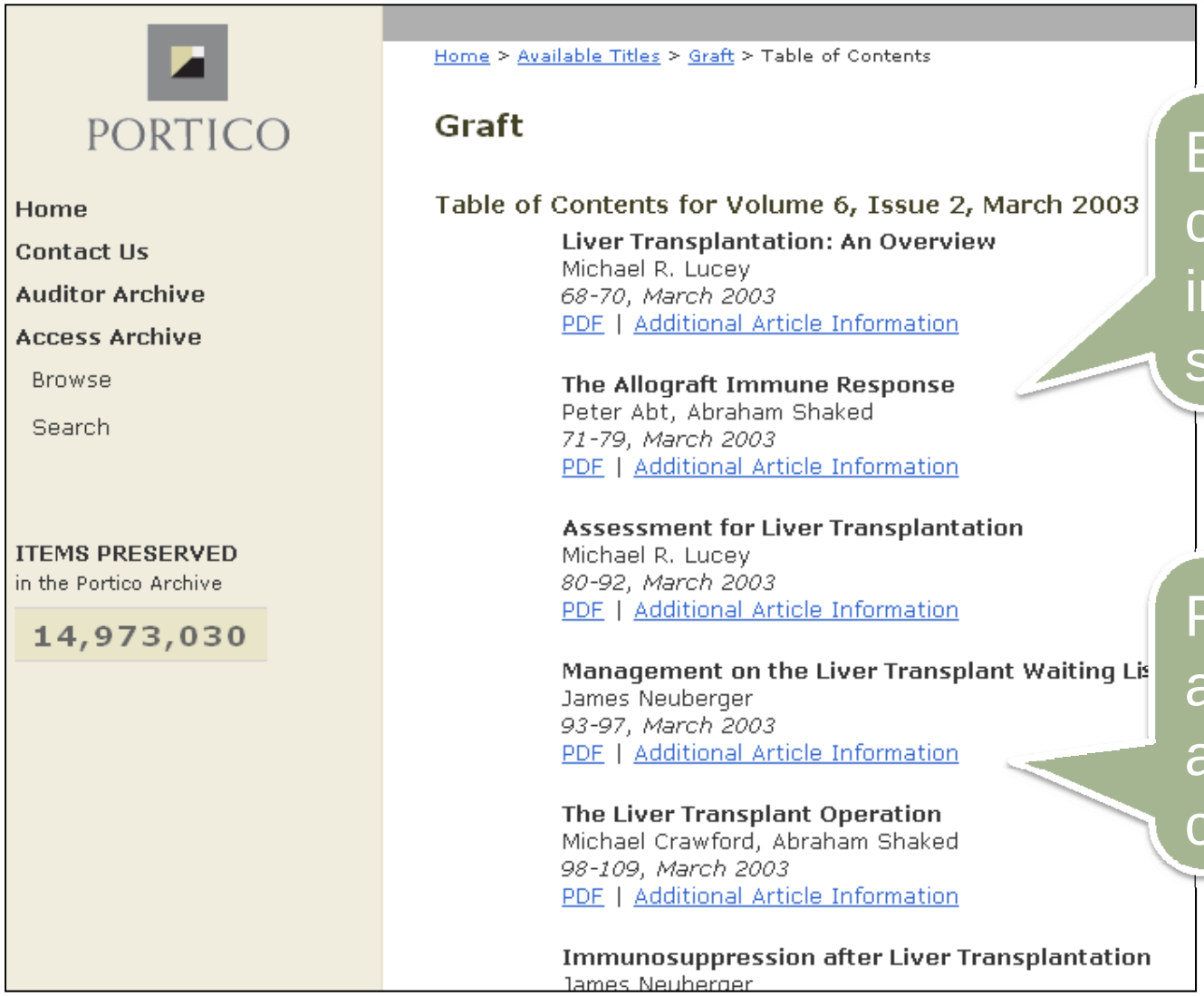
Portico Archive: Access



Each table of contents appears in a common style

Full citations and all renditions are available in a common style

Portico Archive: Access

Standardized HTML for abstracts and full-text

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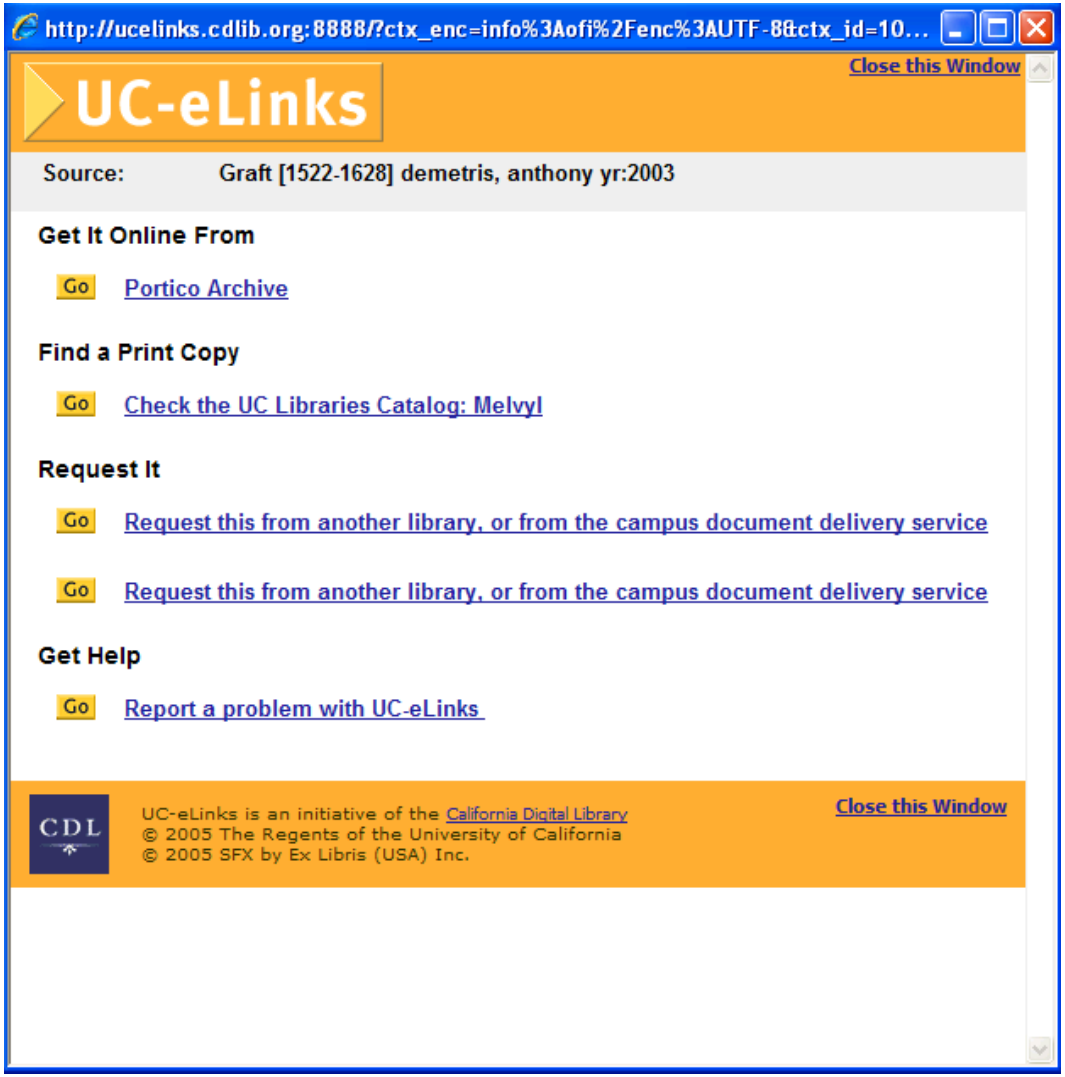
Portico Archive: Access



Portico supports OpenURL linking and works with the following A-Z list and linking vendors:

- CrossRef
- CUFTS
- EBSCO
- ExLibris
- OCLC Openly Informatics
- SerialsSolutions
- TDnet

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Thank you.

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