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# **Beyond Serials—Lessons Learned and Future Directions for e-Book Preservation**

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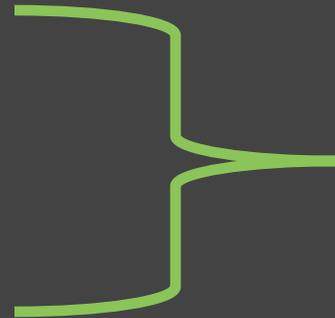
Director of Publications, Portico

# Portico's Preservation Services

» E-Journal  
(2005)

» E-Book  
(2008)

» D-Collections  
(2009)



Community Model



Publisher Supported



# Working with d(igitized historic)-collections

- » Why the different model?
  - Library investment in d-collections is already substantial
  - Publishers want to ensure that ALL of their purchasers are entitled to access through Portico if necessary (without the burden of local loading)
- » No “standard” for metadata migration
  - Primarily descriptive metadata (Dublin Core extract is sufficient)
- » Size matters.
  - Impacts local storage, archive, replicas, processing . . .
  - System reconfigurations
  - Increased communication and coordination



Digital preservation is the series of management policies and activities necessary to ensure the enduring

usability

authenticity

discoverability

accessibility

of content over the very long-term.



# E-Book Formats

## » What Portico expected—

- EPUB—lots of it
- NLM or proprietary headers + PDF
- NLM or proprietary full-text markup

## » What Portico has seen—

- ONIX metadata plus PDF—lots of it
- NLM or proprietary headers + PDF
- NLM or proprietary full-text markup

“J-Books”

## » Oh, the packaging!

- flat files or zip files, by book or groups of books



# Recent Developments

- » Publishers looking to preserve more complex products
  - Reference databases or other digital products based on print volumes
- » More than just metadata and rendition pairs or self-contained format
  - additional mapping
  - complex relationships
  - updates
- » Requires decisions regarding content type and business model



# Challenges for preservation services

## » Challenges to doing business

- Variety of sales/purchase/access models—can't mimic publisher offerings
- Clarifying access scenarios—many e-books on multiple platforms, when is access through preservation service needed?
- Increasing coverage in the face of aggregations--rights issues can be a barrier to inclusion

## » Technical issues—

- Embedded or linked content
- DRM (Portico does not preserve)
- HTML-only/plain-text books

## » A little bit of both—

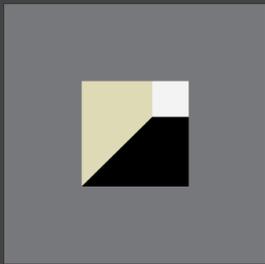
- Book identification complicated by multiple ISBNs
- A book is a book is a book, except when it isn't

# Possibilities for the Future

- » Expand standard preservation services to accommodate less traditional e-books
- » Explore the need to move beyond scholarly markets (e.g. trade)
- » Develop preservation models for digital scholarship, dynamic content, and other nonserial formats
- » Preservation community “collection policy” to make sure there are no significant gaps



“The greater the obstacle, the more glory in  
overcoming it” ~ Moliere



PORTICO

# Thank you!

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