

I T H A K A

JSTOR | PORTICO | ITHAKA S+R

# Preserving eBooks

DPC Technology Watch Reports 14-01

By Sheila Morrissey  
Senior Researcher, ITHAKA  
Digital Preservation Coalition Briefing Day  
May 12, 2014

# Our Services



- **Ithaka S+R** is a research and consulting service that focuses on the transformation of scholarship and teaching in an online environment, with the goal of identifying the critical issues facing our community and acting as a catalyst for change.



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



PORTICO

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



# Amy Kirchhoff



PORTICO

- » **There is nothing new under the sun**
- » **A difference in degree *is* a difference in kind**
- » **The future is now**
- » **There is no free lunch**
- » **We can work it out**



# What is an eBook?

**. . . e-Book ?**

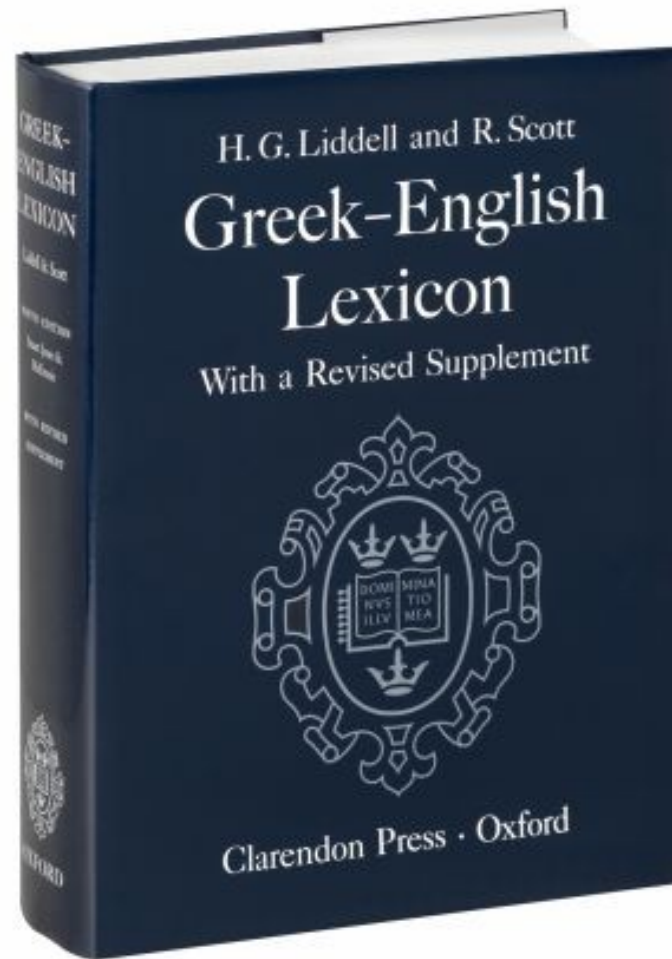
**. . . EBOOK ?**



- » **Digitized books**
- » **eBooks with embedded and networked content**
- » **Text books**
- » **Reference books**



# Expanding Definitions



OUP <http://ukcatalogue.oup.com/product/9780198642268.do>



PORTICO

# Expanding Definitions

The screenshot shows a web browser window displaying the University of Cambridge Classics website. The address bar shows the URL <http://www.classics.cam.ac.uk/research/p>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The website's header features the University of Cambridge logo and navigation links: Study at Cambridge, About the University, Research at Cambridge, and a Quick links dropdown. Below the header, a breadcrumb trail reads: / Faculty of Classics / Research and Seminars / Research Projects / Greek Lexicon Project. A Log in button is visible in the top right. The main content area has a dark blue background with the text "Faculty of Classics" and "Greek Lexicon Project". A navigation menu on the left includes links to Home, The Faculty, Prospective Students, Current Students, Museum of Classical Archaeology, Research and Seminars (selected), and Library. The "Research and Seminars" dropdown is open, showing a list of links: Faculty of Classics, Research and Seminars, Research Projects, and Greek Lexicon Project. The Greek Lexicon Project link is highlighted. The main content area features a large image of a classical manuscript page with a figure. To the right of the image, text describes the project: "The Faculty of Classics is home to a project for a new **Ancient Greek-English Lexicon**, suitable for students, but also taking account of the most recent textual and philological scholarship. We are not only replacing out-of-date **terminology** with modern and precise English and omitting obsolete readings and interpretations, but also re-examining the **source material** used in other dictionaries and examining the new material which has been discovered since the end of the nineteenth century." A "Quick Links" sidebar on the right contains links to Members of Staff, Faculty Handbooks, Seminars and Conferences, Lecture List, and Directors of Studies. The Windows taskbar at the bottom shows various application icons and the system clock indicating 11:39 AM on 5/10/2014.

http://www.classics.cam.ac.uk/research/p

File Edit View Favorites Tools Help

A Companion to Digital H... Conprep and Fletcher for ... Conprep Deployments an... Dashboard - CMJP Bamb... Dashboard - CMJP Bamb...

UNIVERSITY OF CAMBRIDGE

Study at Cambridge About the University Research at Cambridge Quick links

/ Faculty of Classics / Research and Seminars / Research Projects / Greek Lexicon Project Log in

Faculty of Classics

Research and Seminars

Research Projects

**Greek Lexicon Project**

- > The history of the project
- > About the project
- > Organisation and Personnel
- > Slips

**Greek Lexicon Project**

The Faculty of Classics is home to a project for a new **Ancient Greek-English Lexicon**, suitable for students, but also taking account of the most recent textual and philological scholarship.

We are not only replacing out-of-date **terminology** with modern and precise English and omitting obsolete readings and interpretations, but also re-examining the **source material** used in other dictionaries and examining the new material which has been discovered since the end of the nineteenth century.

Quick Links

- Members of Staff
- Faculty Handbooks
- Seminars and Conferences
- Lecture List
- Directors of Studies

<http://www.classics.cam.ac.uk/research/projects/glp>



# From context...



Hdt. 1.1.0

Click on a word to bring up parses, dictionary entries, and frequency statistics

[0]

Ἡροδότου Ἀλικαρνησέος ἱστορίας ἀπόδεξις ἥδε, ὥς μήτε τὰ γενόμενα ἐξ ἀνθρώπων τῷ χρόνῳ ἐξίτηλα γένηται, μήτε ἔργα μεγάλα τε καὶ θωμαστά, τὰ μὲν Ἕλλησι τὰ δὲ βαρβάροισι ἀποδεχθέντα, ἀκλεᾶ γένηται, τὰ τε ἄλλα καὶ δι' ἣν αἰτίην ἐπολέμησαν ἀλλήλοισι.

<http://www.perseus.tufts.edu/hopper/>



PORTICO

# ... to enrichment

Home Collections/Texts Perseus Catalog Research Grants Open Source About Help

ἱστορία

inquiry

(Show lexicon entry in [LSJ Middle Liddell](#)) ([search](#))

ἱστορίας noun sg fem gen epic ionic

Word Frequency Statistics ([more statistics](#))

Words in Corpus	Max	Max/10k	Min	Min/10k	Corpus Name
184,947	5	0.27	5	0.27	Herodotus, <a href="#">The Histories</a>

XML

[View this entry in a new window](#) / [back to top](#)

## Help us make this tool more useful!

You've looked up a word that has more than one possible meaning. Please tell us which meaning you think is being used in this context by clicking **[select]** next to the appropriate meaning in the definition below. We hope to use the information we gather from this tool to provide automatic disambiguation services in the future.

Not sure which sense is being used here? View [what other readers have selected](#).

ἱστορ-ία, Ion. -ιη, ἥ,

**A. [select]** *inquiry*, “ἱστορήσει εἰδέναι τι παρὰ τινος” **Hdt.2.118**, cf. **119**; “ἡ περὶ φύσεως ἰ.” **Pl.Phd.96a**; “αἱ περὶ τῶν ζώων ἰ.” **Arist.Resp.477a7,al.**; “ἡ ἰ. ἡ περὶ τὰ ζῶα” **Id.PA674b16**; ἡ ζωική ἰ. **ib.668b30**; περὶ φυτῶν ἰ., title of work by Theophrastus; *systematic or scientific observation*, **Epicur.Ep.1p.29U.**: abs., of science generally, “ὁλβιος ὅστις τῆς ἰ. ἔσχε μάθησιν” **E.Fr.910** (anap.); of *geometry*, **Pythag. ap. lamb.VP18.89**: in empirical medicine, *body of recorded cases*, **Gal.1.144**; *mythology*, “Ἡσίοδον πάσης ἥραν ἱστορίας” **Hermesian.7.22**.

**2. [select]** *knowledge so obtained, information*, **Hdt.1 Praef.**, **Hp.VM20**; “ὄψις ἐμὴ καὶ γνώμη

[http://www.perseus.tufts.edu/hopper/morph?l=i%28stori%2Fhs&la=gree&can=i%28stori%2Fhs0&prior=\\*\(alikharnhsse/os&d=Perseus:text:1999.01.0125:book=1:chapter=1:section=0&i=1#lexicon](http://www.perseus.tufts.edu/hopper/morph?l=i%28stori%2Fhs&la=gree&can=i%28stori%2Fhs0&prior=*(alikharnhsse/os&d=Perseus:text:1999.01.0125:book=1:chapter=1:section=0&i=1#lexicon)



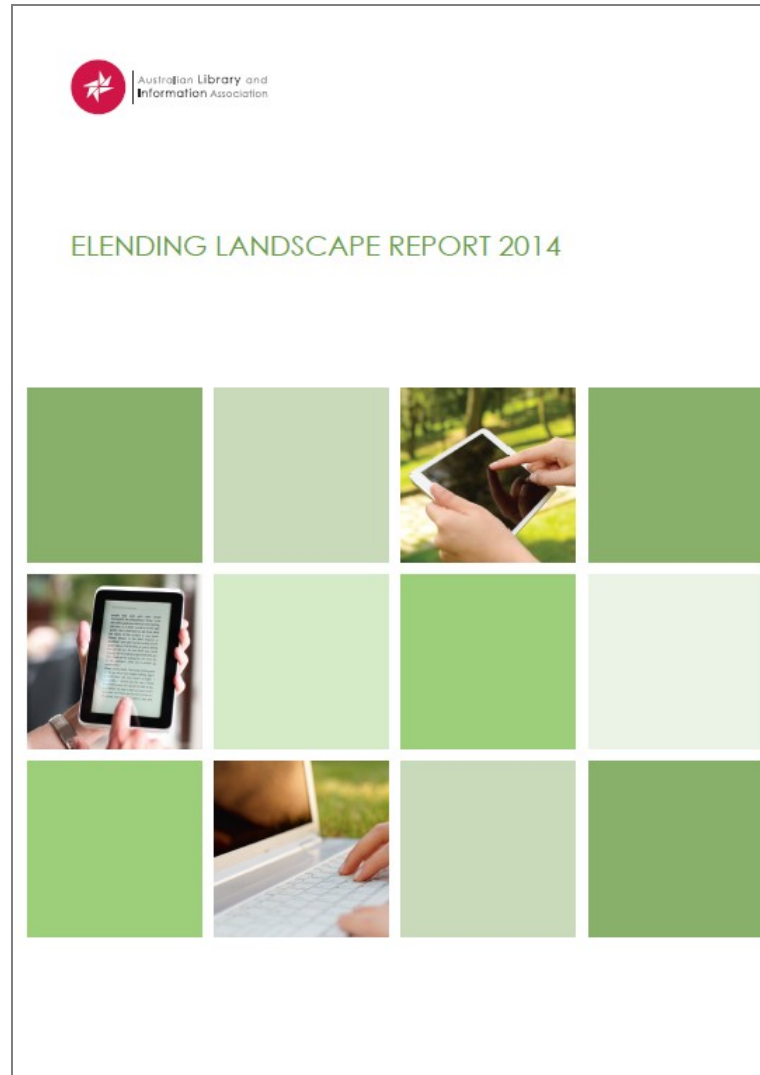
PORTICO

**... a contradiction in terms???**



# Ownership Models

ITHAKA  
JSTOR | PORTICO | ITHAKA S+R

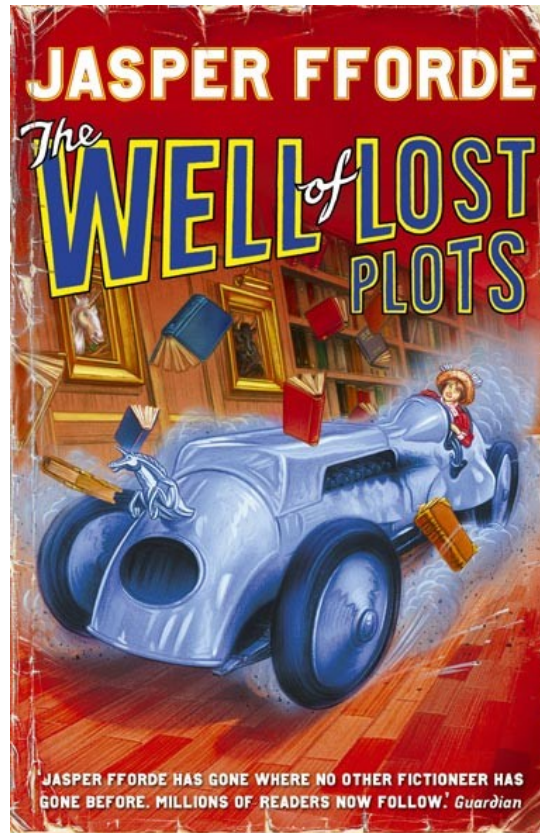


[https://www.alia.org.au/sites/default/files/publishing/ALIA-Elending-Landscape-Report-2014\\_0.pdf](https://www.alia.org.au/sites/default/files/publishing/ALIA-Elending-Landscape-Report-2014_0.pdf)



PORTICO

# DRM: “Beware the thrice-read rule”



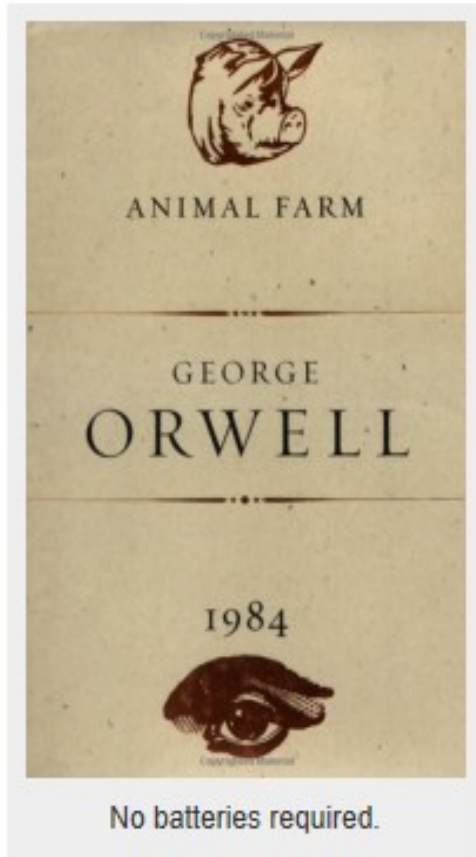
Jasper Fforde, *The Well of Lost Plots* 2003 Penguin Books

<http://www.jasperfforde.com/images.html>



PORTICO

# Content Stability



[Animal Farm + 1984 in one hardcover book for \\$15.60.](#) It's shatterproof, sand proof, built to last decades or even centuries, no batteries required, and you can own it forever, resell it or give it to a friend. Crazy cool, huh? Oh, what will those zany scientists ever think of next?

<http://coolrulespronto.wordpress.com/2009/07/17/amazon-kindle-orwell/>



PORTICO

# Content Stability



<http://www.the-digital-reader.com/2013/07/30/artist-backs-up-his-copy-of-1984-the-old-fashioned-way/#.U24QvmcU-70>



PORTICO

- » **Mass Market + Trade books**
  - » **For individuals**
  - » **For Libraries**
- » **Professional and Scholarly eBooks**
- » **Self-publishing**





- » **Government Support**
- » **Collective Model**
- » **Subscription service**



**“The technical problems are the easy ones”**

**. . . but...**



“The technical problems are the easy ones”



# Formats: *Can we work it out?*

- » **HTML**
- » **PDF**
- » **XML**
- » **EPUB**
  - » iBooks
- » **MOBI**
  - » KF8, AZW



## Identifiers

ISBN

ASIN

BN

DOI

ISTC

## Information interchange formats

MARC

ONIX

NCBI



# Working it out: Case Studies

I T H A K A  
JSTOR | PORTICO | ITHAKA S+R



PORTICO

**KB** Koninklijke Bibliotheek  
**National library of the Netherlands**



**HATHI  
TRUST**  
Digital Library



**LIBRARY OF  
CONGRESS**



PORTICO

# We can work it out: Publishers

- **Explicit rights to embedded content**
- **Explicit protocols for updates**
- **Standards conformance (formats, metadata, id, packaging)**
- **Beware the thrice-read-rule (DRM)**
- **Engage!!**



# **We can work it out: Libraries & Cultural Heritage Institutions**

- **Articulate collection policies**
- **Co-ordinate collection policies**
- **Beware the thrice read rule**
- **Articulate policies for embedded content**
- **Engage!!**







**Thank you!**

**Questions or  
Comments?**

**Sheila Morrissey**  
[sheila.morrissey@ithaka.org](mailto:sheila.morrissey@ithaka.org)  
[@sheilaMorr](https://twitter.com/sheilaMorr)  
[www.portico.org](http://www.portico.org)