Springer

Springer Book Archives

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"Bear in mind that the wonderful things you learn… are the work of many generations, produced by enthusiastic effort and infinite labor in every country of the world. All this is put into your hands as your inheritance in order that you may receive it, honor it, add to it, and one day faithfully hand it to your children."

--Albert Einstein (a Springer author)

Springer Book Archives [*spring-er-book-ahr-kyvs*]

noun

1 digitization project rendering the term **out-of-print obsolete**; containing previously out-of-print and hard-to-find books dating back to the 1840s

2 critical foundational knowledge coming to **SpringerLink**; see also ***springer.com/bookarchives***

Outline

- Springer History and Background
- Usage of eBooks
- Introducing Springer Book Archives
- Business Model Springer Book Archives
- Availability
- Summary

History of Springer's book publishing

- Springer was founded as a bookseller in Berlin in 1842 and started publishing soon after
- Renowned scientists have published with Springer such as Werner Siemens, and many others including Rudolf Diesel, Werner Siemens, Karl Scheel, Rudolph Virchow and Marie Curie

Historical overview (selected events)

1842: Julius Springer opens book shop in Berlin, and starts publishing soon after

1889: Kluwer established in the Netherlands

1946: Office in Heidelberg opened

1964: Greater international focus and founding of Springer-Verlag New York

1978: Founding of Kluwer Academic Publishers (KAP)

1999: Bertelsmann acquires the majority of Springer-Verlag , combines it with their Professional Information division, and name it: BertelsmannSpringer

2003: The British financial investors Cinven and Candover acquire Kluwer Academic Publishers (KAP) and BertelsmannSpringer

2004: Creation of Springer Science+Business Media through merger of BertelsmannSpringer with KAP. The result is the second-largest publisher worldwide in the Science, Technology, Medicine (STM) field

2005 – 2008: Acquisitions including Humana Press, Bohn Stafleu van Loghum and BioMed Central

2009: EQT and GIC acquire Springer from Cinven and Candover

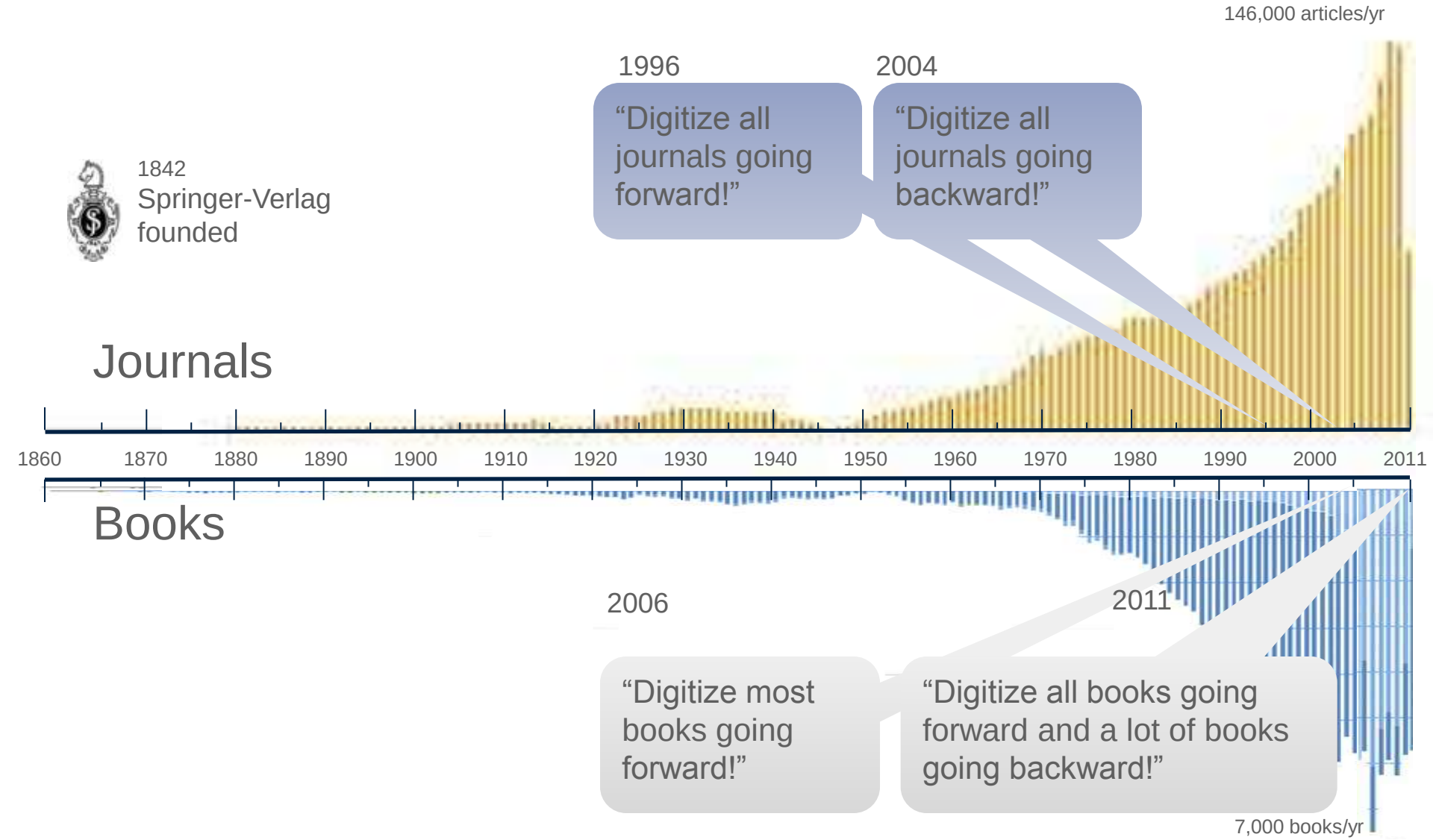
2011: Springer acquires MPS from Wolters Kluwer

Our publishing brands

Springer
Springer Spektrum
Springer DE
PLATOW
European Software Eurosoft
Springer Gabler
Springer Vieweg
Springer VS
BEST AD MEDIA
BESTCOM MEDIA
Springer Medizin
Humana Press
Key Curriculum Press
INNOVATORS IN MATHEMATICS EDUCATION
Apress
FUCHS BRIEFE
BioMed Central
The Open Access Publisher
Springer Automotive Media
VOGEL
VERLAG HEINRICH VOGEL
Auto Business Verlag
Springer Media
Springer Healthcare
Adis
ffs
etrasa
codes Rousseau
ÄrzteWoche
Springer VDI Verlag
Bohn Stafleu van Loghum
HE
wendel-verlag
Birkhäuser
Rendement
Crest
Premedia Solutions (P) Ltd
SECTIONS LA BAULE
Physica-Verlag
InfoChem
Medi om

Springer

Digitize everything



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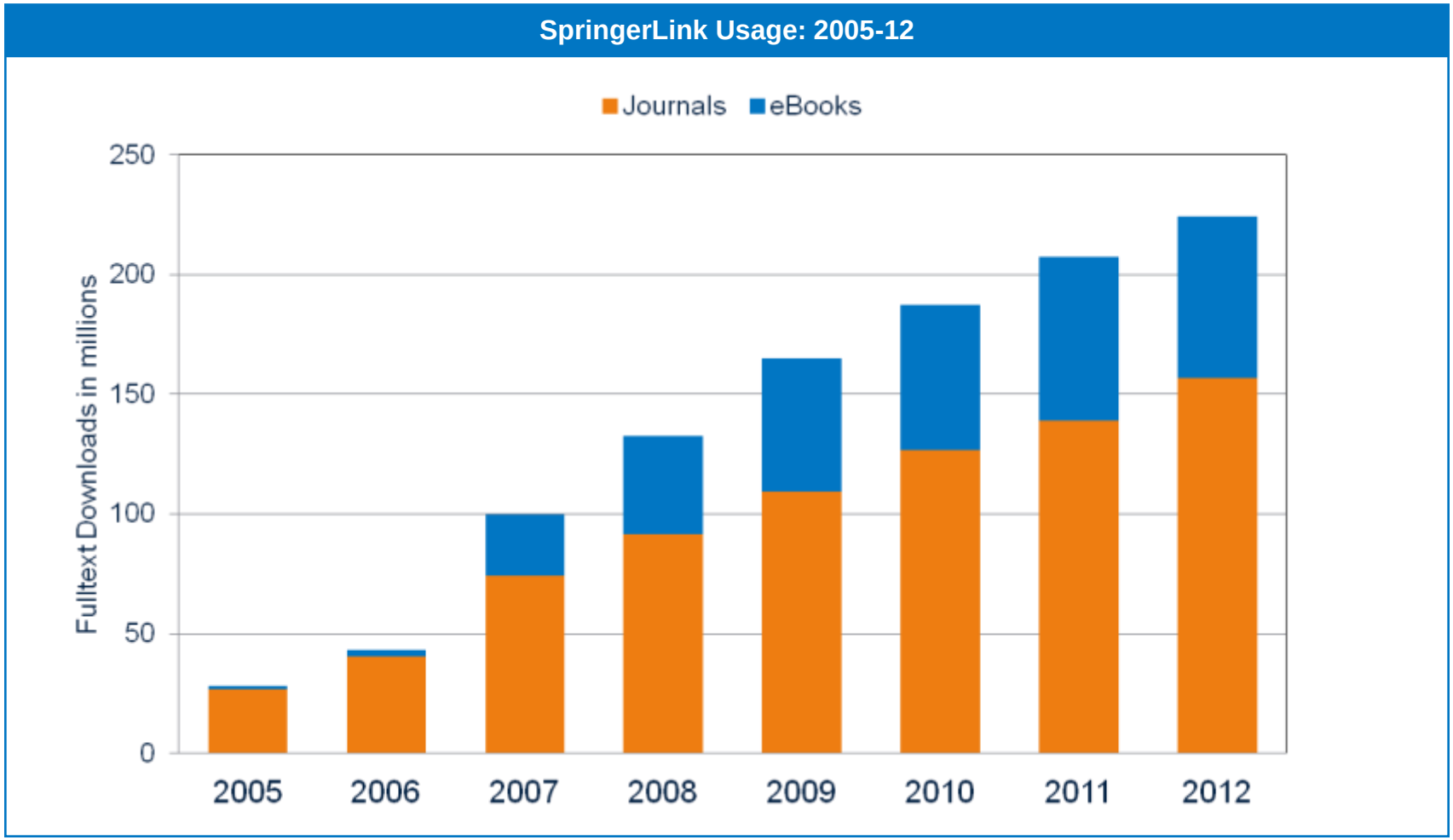
eBooks already make up a third of SpringerLink usage!



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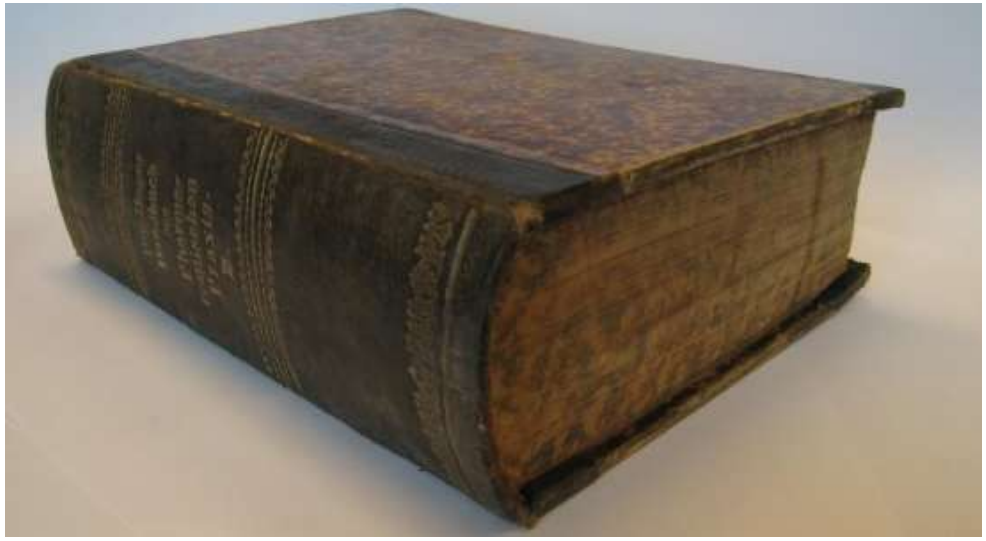
Why?

- Contemporary eBooks are highly used
- Customers and authors ask when historic titles will become available electronically
- Researchers want primary sources
- Saves warehouse space as well as library shelf space
- Preserve the scholarly record
- Increase sales, usage, availability
- **... why not?**



Introducing Springer Book Archives

- The Springer Book Archives confirms Springer's commitment to the preservation of valuable scholarly content and the online accessibility thereof
- Springer is the only STM publisher currently investing in a 'complete as possible' online book archive of this scope and size

Springer's ambition:

- A digitized book archive of historic titles dating back to the 1840s
- Around 100,000 historic titles included in the archive
- At completion 150,000+ Springer eBooks available on SpringerLink

Imagine around 100,000 Books

- If stacked one on top of the other, would be ~8,500 feet high
  - Equals 7 times the Empire State Building
- ~35 million pages
- 150,000 authors minimum
- ~1.5 million new DOIs (titles & chapters)

Springer

In a few not-so-easy steps…

Identify

find

rights & royalties

scanning & tagging

make (e)book available

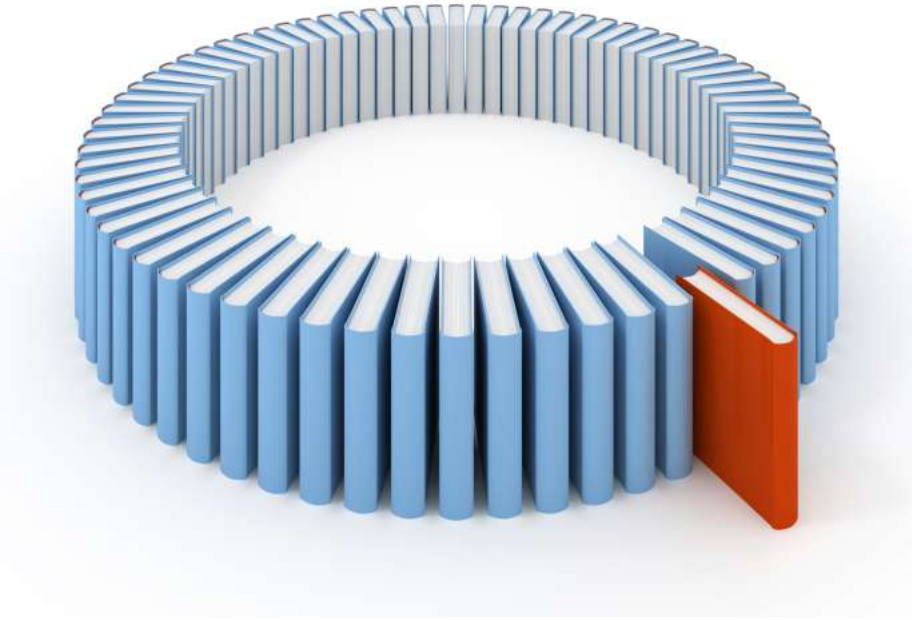
read!

*

* In print (on demand) too

Identifying books

- Goal is to digitize as many as possible books, from all Springer's publishing houses in English and German language
- To be as comprehensive as possible, we did not filter or apply selection criteria to content in advance
- Long inventory list of Springer books created with Springer catalogues and with help of catalogues from national libraries



Completeness

- A retro-digitization project of this size is impossible to complete down to every last title.

- **What is not included:**
  - Most titles that are already digitized (e.g., Landolt Börnstein)
  - Works of imprints sold to other publishers
- **What is included:**
  - 100 top book series -- in all subject areas (English)
  - Contemporary (2004-2000) collection
  - Flagship disciplines, e.g. mathematics

Finding books

- We have created our own print book archive
  - Containing over 100,000 titles
  - To complete the print archive, we contact antique book shops and national libraries and…
  - We cooperate with libraries on scanning initiatives

Scanning

- Collection contains historic titles that must be treated with much care
- Not all titles are in mint condition
  - Pages containing pencil under linings, coffee stains and annotations
- Springer strives to make books available in the highest possible quality:
  - Scanning is done with state-of-the-art equipment
  - Each page is digitally cleaned and scanned with text recognition (OCR) to allow for full text searching
  - Each image is scanned separately at various resolutions to achieve the highest possible reproduction quality
  - Non-destructive scanning for rare & fragile books
- Additional quality checks are performed

Arzneipflanzen-Merkblätter des Kaiserlichen Gesundheitsamts

bearbeitet in Gemeinschaft mit der Deutschen Pharmazeutischen Gesellschaft dem Arzneipflanzen-Ausschuß Berlin-Dahlem.

Sammelt Arzneikräuter!

Nr. 2.

Bärentraubenblätter.

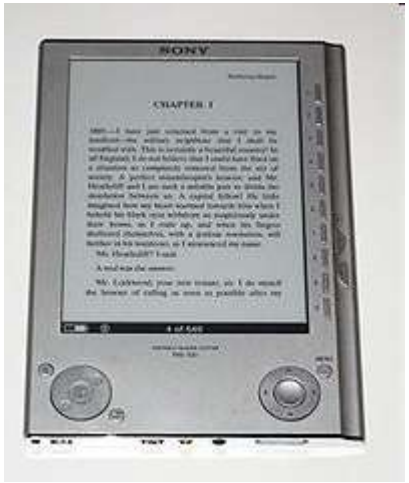
Bärentraube. Natürliche Größe.

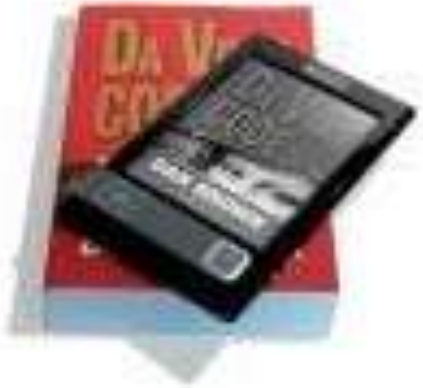
Die Bärentraube, Arctostaphylos uva ursi Sprengel, auch gelegentlich Mehlbeere oder Moosbeere genannt, ist ein niedriger, viel verzweigter

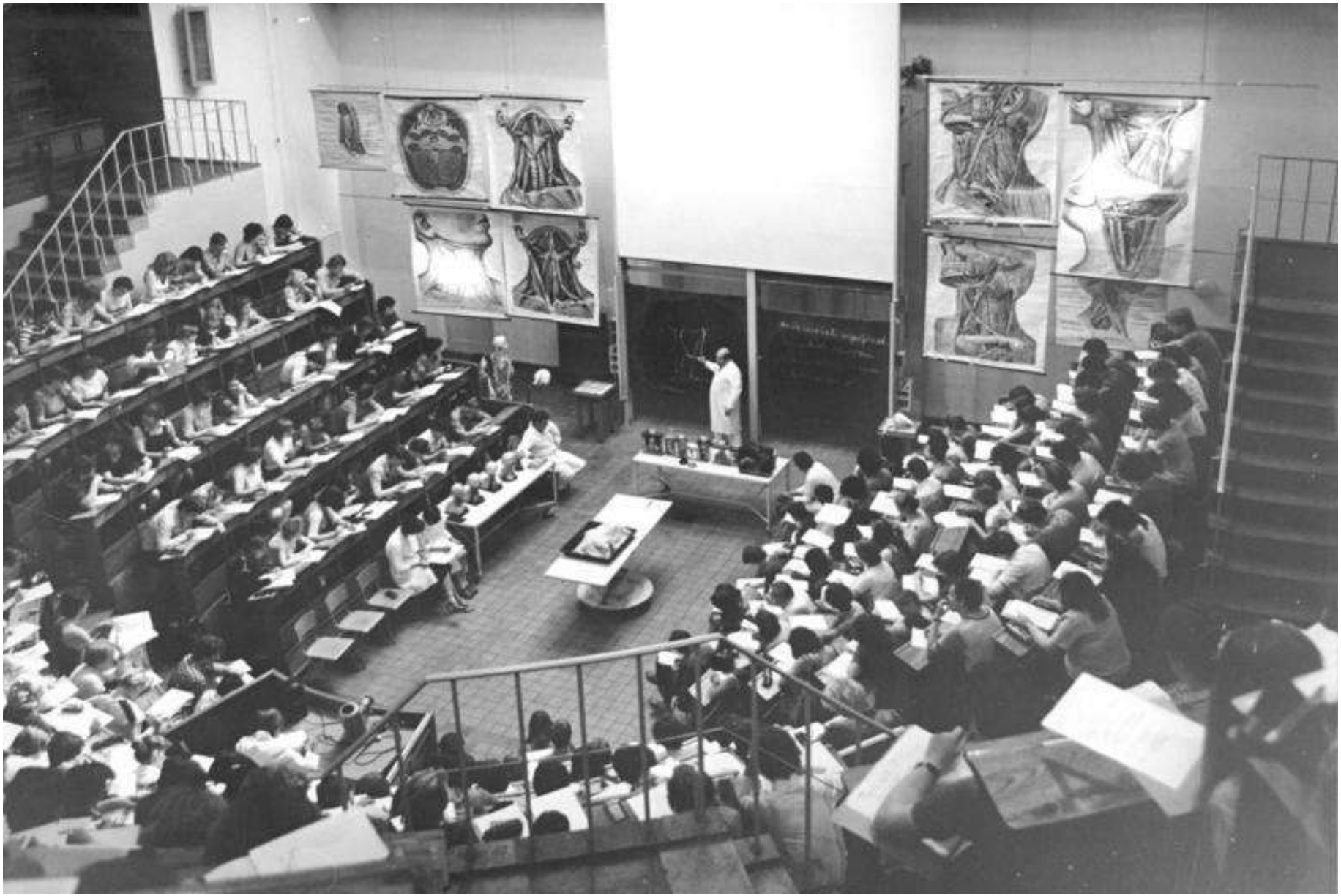
Once digitized, books will be available in many formats

- Springer Book Archives project will make titles available as:
  - PDF for softcover print (on demand) including MyCopy
  - PDF for web optimization
  - XML – metadata: base for many output formats, e.g. HTML, ONIX, MARC

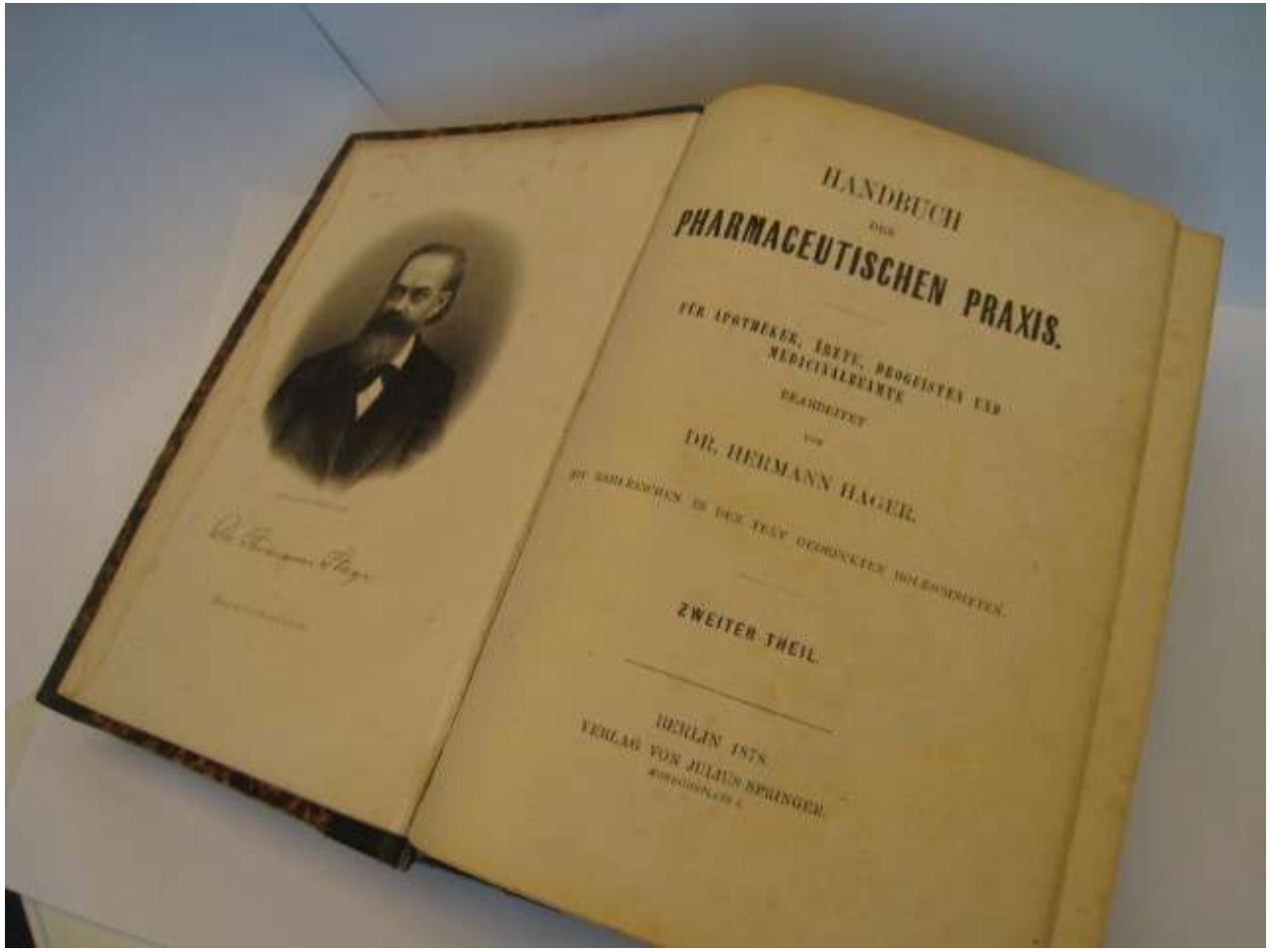
eReaders – the future of reading?

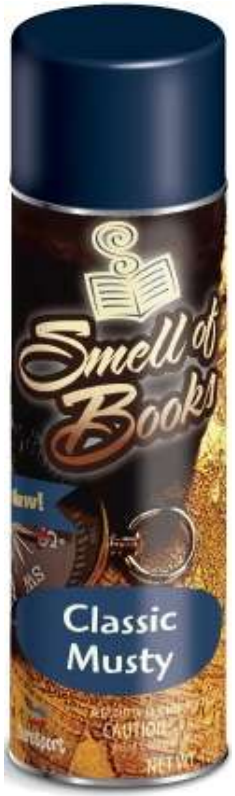






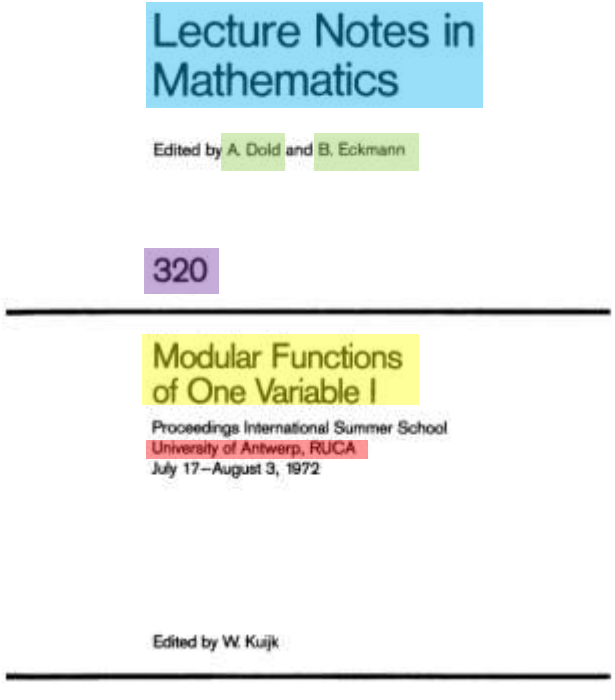
There is one aspect that can't be recreated online





Metadata extraction

- An eBook is only as good as its metadata
- Metadata is crucial for discoverability and findability
- All bibliographic metadata is thoroughly checked, both by automated systems and manually
- Example: 10-digit-ISBNs are converted into 13-digit-ISBNs



<title>

<editors>

<volume number>

<subtitle>

<affiliation>

Finding and reading our books

Readers should be able to easily find the books, using their favorite search method

- Library catalogs – MARC records
- Search engines, e.g. Google, Bing, Yahoo!
- Discovery tools or link resolvers

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Find and contact copyright holders

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- Authors are entitled to receive royalties, they can have these paid out or waive them
- Springer will significantly increase its level of support to charitable organizations such as Research4Life and INASP in relation to waived royalties

research4life
HINARI · AGORA · OARE · ARDI

International Network INASP
for the Availability of Scientific Publications

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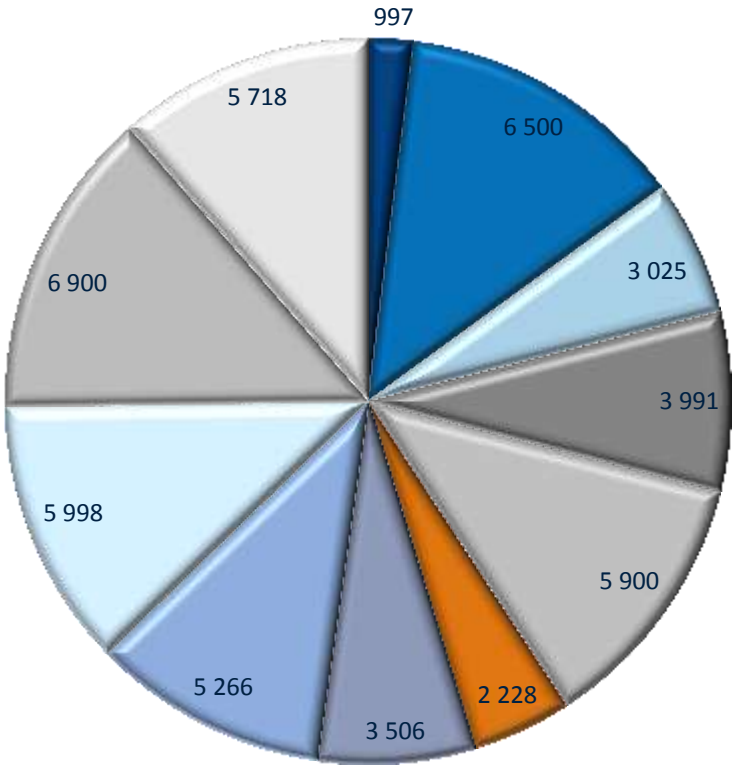
Springer

Key features for librarians

- SBA books will be integrated on SpringerLink
- No DRM, no limit on simultaneous users, printing or downloading allowed
- eReader compatible PDFs
- MARC 21 records available for free: springer.com/MARC
- Fully searchable
- Available in chapters
- COUNTER-compliant usage statistics
- MyCopy Available

Business model

- Available as one-off purchase with continuous access in German and English packages, priced depending on institution size, directly with Springer
- Content in English packages is expected to be distributed in various subjects:



- Behavioral Science
- Biomedical and Life Science
- Business and Economics
- Chemistry and Materials Science
- Computer Science (includes apress)
- Earth and Environmental Science
- Engineering
- Humanities, Social Science & Law
- Mathematics and Statistics
- Medicine
- Physics and Astronomy

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Schedule of availability

- January 2013
- April 2013
- December 2013

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Summary

- Springer is creating a large Book Archive - available on SpringerLink
- Content dating from 1842-2004
- As many titles as possible are included in the project and our ambition is to publish over 100,000 eBooks
- Available as one-off purchase with continuous access in German and English packages, priced depending on institution size
- Titles are digitized to high standards and metadata quality is very important
- Springer takes great care to acquire electronic distribution rights

Thank You! – Questions?

Cem Üzüm

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http://www.springer.com/bookarchives