The Springer Book Archive

Cem Üzüm
Licensing Manager Central Europe,
May 2012, Prague
Leading Publishers: Number of Books Published

Number of English-Language Titles Published in 2010

(Data from www.puballey.com; if a book is published simultaneously in hard- and paperback editions, only the hardback edition was included)
## Books: market positions

<table>
<thead>
<tr>
<th>Category</th>
<th>#1 Publisher</th>
<th>#2 Publisher</th>
<th>#3 Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Medicine</td>
<td>Lippincott W&amp;W</td>
<td>Elsevier Health</td>
<td>McGraw-Hill</td>
</tr>
<tr>
<td>Biomedical &amp; Life Sciences</td>
<td>Springer</td>
<td>Wiley-Blackwell</td>
<td>Elsevier</td>
</tr>
<tr>
<td>Earth &amp; Environmental Science</td>
<td>Springer</td>
<td>CUP</td>
<td>Wiley-Blackwell</td>
</tr>
<tr>
<td>Chemistry &amp; Materials Science</td>
<td>Wiley-Blackwell</td>
<td>Springer</td>
<td>Taylor &amp; Francis</td>
</tr>
<tr>
<td>Physics &amp; Astronomy</td>
<td>Springer</td>
<td>CUP</td>
<td>Wiley-Blackwell</td>
</tr>
<tr>
<td>Engineering</td>
<td>Wiley-Blackwell</td>
<td>Springer</td>
<td>Taylor &amp; Francis</td>
</tr>
<tr>
<td>Computer Science (research-level)</td>
<td>Springer</td>
<td>IEEE</td>
<td>IGI Global</td>
</tr>
<tr>
<td>Mathematics &amp; Statistics</td>
<td>Springer</td>
<td>Wiley-Blackwell</td>
<td>Taylor &amp; Francis</td>
</tr>
<tr>
<td>Business &amp; Economics</td>
<td>Taylor &amp; Francis</td>
<td>Palgrave Macmillan</td>
<td>Edwin Elgar</td>
</tr>
<tr>
<td>Social Sciences &amp; Humanities</td>
<td>Taylor &amp; Francis</td>
<td>OUP</td>
<td>Palgrave Macmillan</td>
</tr>
</tbody>
</table>
### Springer eBooks 2012

<table>
<thead>
<tr>
<th>Subject Collections</th>
<th>Number of titles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral Science</td>
<td>65</td>
</tr>
<tr>
<td>Biomedical and Life Science</td>
<td>475</td>
</tr>
<tr>
<td>Business and Economics</td>
<td>260</td>
</tr>
<tr>
<td>Chemistry and Materials Science</td>
<td>225</td>
</tr>
<tr>
<td>Computer Science</td>
<td>935</td>
</tr>
<tr>
<td>Earth and Environmental Science</td>
<td>230</td>
</tr>
<tr>
<td>Engineering</td>
<td>650</td>
</tr>
<tr>
<td>Humanities, Social Science &amp; Law</td>
<td>490</td>
</tr>
<tr>
<td>Mathematics and Statistics</td>
<td>425</td>
</tr>
<tr>
<td>Medicine</td>
<td>490</td>
</tr>
<tr>
<td>Physics and Astronomy</td>
<td>320</td>
</tr>
<tr>
<td>Professional Computing and applied Computing</td>
<td>160</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4725</strong></td>
</tr>
</tbody>
</table>

**Total including 20% subject collection discount**

<table>
<thead>
<tr>
<th>Number of titles</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4725</strong></td>
</tr>
</tbody>
</table>
And, eBooks can be purchased in 5 annual Subject Collections (German)

<table>
<thead>
<tr>
<th>Subject Collection</th>
<th># titles 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medizin</td>
<td>145</td>
</tr>
<tr>
<td>Technik &amp; Informatik</td>
<td>245</td>
</tr>
<tr>
<td>Natur- und Basiswissenschaften incl. Mathematik</td>
<td>130</td>
</tr>
<tr>
<td>Wirtschaftswissenschaften</td>
<td>510</td>
</tr>
<tr>
<td>Geistes- und Sozialwissenschaften</td>
<td>620</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1650</strong></td>
</tr>
</tbody>
</table>
eBook Collection

- Springer’s eBook Collection includes the following content types:
  - eBooks
    - Textbooks, Monographs, Atlases, and more
  - eReference Works
    - Handbooks and Major Reference Works
  - eBook Series

- Organized into 12 + 5 Subject Collections
- Annual subject specific packages, available per package (Subject Collection)
- Prices tailored to size of institution (research intensity)
Springer Book and Journal Archives

- More than 65,000 STM eBooks, dating back to 1840s
- More than 1,000 Journal titles and 2 million articles, dated back to 1854
- No DRM
- Available starting in mid-2012
- Integrated into SpringerLink
- Primarily PDF only, with selected titles in XML

Benefits for Librarians

- Complete collections and expand holdings
- Reduce the physical space needed to house collections
- Decrease staff time needed to manage physical collections
- Ensure access for patrons to works previously unavailable electronically or out of print
- Eliminate spoilage issues and reduce need to scan
- Expand patron access to MyCopy
- Free (OCLC) MARC Records
Summary

• Over 8,000 new titles until 2015
• 50,000 + titles on Springerlink
• 2,725 Journals
• 26,497 Protocols
• 1,623 Book Series
• 217 eReferences
• Databases are here
  • -SpringerMaterials
  • -SpringerImages
• SpringerProtocols
• SpringerReferences
• SpringerBook Archives
2013: Digitize **everything**

1842
Springer-Verlag
founded

1996
“Digitize all journals going forward!”

2004
“Digitize all journals going backward!”

2006
“Digitize most books going forward!”

2009
“Digitize all books going forward and a lot of books going backward!”

**Books**

Brian Bishop, Sept 2009
Cem Üzüm Licensing Manager
Production pipeline

- Identified: The existence of the book is known
- Located: A physical location of the book is known
- Available: An electronic or print copy is available at (SPi).
- Selected: The book is in B-flow and ready to be digitized.
- Rights checked: E-rights checked and if needed secured
- Digitized: All renditions of the book created QA-approved
- Delivered: All renditions uploaded Springer’s content system
Production pipeline

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**Digitized**
All renditions of the book created QA-approved.

**Delivered**
All renditions uploaded Springer’s content system.
230,101 books in Laguna from Springer’s archive
128,989 unique books
(Not all of them are Springer)
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- Data validation
- Metadata enhanced for B-flow Upload
- Softcover ISBNs generated and added
- E-book, POD, MyCopy renditions created
- Workorder for SPi created
- Digitization is ready to start
SCANNING

- Black-and-white 600 dpi 1-bit monochrome (bitonal)
- 300 dpi grayscale (8-bit) and color (24-bit)
- OCR used (also for German Fractura)
- Pages cleaned up before scanning

- Superimposing for images
  - 1st scanning: only text
  - 2nd scanning: color images
  - Images are then mounted into full-text PDFs

- Non-destructive scanning for rare and fragile books

- Note: Scanning quality is only as good as original print book
Metadata

- Bibliographic information, TOC and References in XML
- Copyright holder/year from book copyright page
- ISBN and DOI are added
- 10-digit-ISBN’s converted into 13-digit-ISBNs

(Capturing metadata)
Output formats

- Soft-cover POD
- eBook: full-text searchable
- MyCopy
- Full-text XML (selected titles)
Quality Assurance

Quality check

• Metadata quality
• Full text content (As of 03/2012)
• Multiple iterations at SPi, Crest and Springer
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Completeness targets

• 100 top book series 100% complete -- in all subject areas (English)

• Contemporary (2004-2000) collection

• Flagship disciplines, e.g. mathematics
Highlights

Max Planck
Rudolf Diesel
Niels Bohr
Werner Siemens
Andrey Kolmogorov
Otto Hahn
Lise Meitner
Karl Scheel
Max Delbrück

…and many more…
Schedule

- July 2012: Soft launch and start of pre-selling
- October 2012: Product announcement at Frankfurt Bookfair
- December 2012: 80% of SBA on SL
- June 2013: 90% of SBA on SL
- December 2013: 100% of SBA on SL
out-of-print
(out-uhv-print) adj. 1. archaic term pre-2012. Described the state of books no longer published; no longer printed, reprinted or procurable from the publisher. 2. With the arrival of the Springer Book Archives (SBA) and your participation we can render the term ‘out-of-print’ obsolete.
Thank You - Questions?

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Licensing Manager

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Mob +49 151 14747869