

Bookshare®—Books Without Barriers

Betsy Beaumon, VP & General Manager



Benetech & Bookshare

Innovation. Scale. Collaboration.

 Bookshare is an online library of accessible media for readers with print disabilities

 Accessible books as digital text used as audio, electronic braille, text+speech, enlarged text

Bookshare

believes that people with print disabilities should have the same ease of access to books and periodicals that people without disabilities enjoy.

Bookshare Content

-  120,000 titles + Periodicals
-  2000-5000 books added every month
-  Publisher partners: 130 (100 US)
 - 18 University presses
 - 40 additional with post-secondary content
 - Over 70% of books added this year will be from publishers

University Press Partners

 Cambridge University Press
 Columbia University Press
 Gallaudet University Press
 Harvard University Press
 Hong Kong University Press
 MIT Press
 NYU Press
 Princeton University Press
 Stanford University Press
 University of British Columbia Press

 University of California Press
 University of Chicago Press
 University of Michigan Press
 University of Minnesota Press
 University of Ottawa Press
 University of Wisconsin Press
 University Press of Colorado
 Yale University Press

Flexible Format

- 📖 Bookshare files work with any AT software that supports DAISY text files
 - 📖 Many examples: JAWS, Kurzweil, etc.
 - 📖 Two free ebook readers available to Bookshare members
- 📖 Works with AT hardware that plays/displays text
 - 📖 Braille displays
 - 📖 Specialized DAISY players (that support text)
- 📖 Works with standard devices
 - 📖 Cell phones
 - 📖 MP3 players

Who Bookshare Serves

 Over 145,000 members

◇ 140k are students with print disabilities

 Over 10,000 schools and other organizations

 Over 8000 post-secondary student members

 30 university partners provide scanned books

◇ We improve the quality where needed—all are proof-read

Thorny Problems...

 **Problem:** What is accessibility?

 **Problem:** How do you sustainably serve ALL students who need accessible materials?

 **Problem:** How do people find accessible materials from lots of sources?

...Require Innovation & Partnership

What is Accessibility?

 Text, images, math, video, interactivity

 Solutions:

- EPUB3: text accessibility from creation
- DIAGRAM
 - ◇ Crowd sourcing, standards, open source, tools for commercial vendors to lower cost
- Video work by Smith-Kettlewell/NCAM
- Software & games: standards & tools

Lots of smart people & technology advances

DIAGRAM Center

Digital Image And Graphic Resources for Accessible Materials Center

- 📖 Funded by Federal Office of Special Education Programs (OSEP); begins May 2010
- 📖 Partners: NCAM & US Fund for DAISY
- 📖 Research technologies for accessible image & graphic content in AIM
- 📖 Develop technologies, tools, practices and training

Ex.: Image description in textbook



How do you sustainably serve ALL students who need accessible materials?

 Solution: Market Models that leverage commercial, public and non-profit resources

 Different approaches:

- Creators selling AIM through their own portals
- Creators using distributors of AIM as specialty distribution channels

Creators = Publishers, software co's, faculty, students

O'Reilly DAISY from Bookshare

The screenshot shows the O'Reilly website interface. At the top, there is a navigation bar with links for Home, Shop, Answers, Radar: News & Commentary, Safari Books Online, Conferences, Training, and School of Technology. On the right, there are links for 'YOUR ACCOUNT' and 'VIEW CART'. The main header features the O'Reilly logo (a tiger) and the text 'O'REILLY Books & Videos Learn something new today.' Below this is a search bar and a secondary navigation bar with links for New, Upcoming, Bestselling, Complete List, By Publisher, Rough Cuts, Ebooks, Videos, and Order Info. A red promotional banner reads 'Buy 2, Get the 3rd FREE' with a discount code 'opc10' and 'All orders over \$29.95 qualify for FREE SHIPPING within the US'. The main content area is for the book 'Windows PowerShell Cookbook, Second Edition' by Lee Holmes. It includes a book cover image, a 'Browse Contents' button, and a 'Description' section. The description states: 'This introduction to the Windows PowerShell language and scripting environment provides more than 430 task-oriented recipes to help you solve the most complex and pressing problems, and includes more than 100 tried-and-tested scripts that intermediate to advanced system administrators can copy and use immediately. You'll find hands-on tutorials on fundamentals, common tasks, and administrative jobs that you can apply whether you're on a client or server version of Windows.' To the right of the book details is a 'Buying Options' section with three options: 'Ebook \$43.99' (formats: ARK, DAISY, ePub, mobi, PDF), 'Print+Ebook \$60.49' (circled in green), and 'Print \$54.99'. There is also a 'Print £42.50' option for UK customers. A 'Safari Books Online Read Now >' link is at the bottom of the buying options. The footer of the page features the Bookshare logo.

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Browse Contents

Windows PowerShell Cookbook, Second Edition

The Complete Guide to Scripting Microsoft's New Command Shell

By Lee Holmes
Publisher: O'Reilly Media
Released: August 2010
Pages: 888

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Description

This introduction to the Windows PowerShell language and scripting environment provides more than 430 task-oriented recipes to help you solve the most complex and pressing problems, and includes more than 100 tried-and-tested scripts that intermediate to advanced system administrators can copy and use immediately. You'll find hands-on tutorials on fundamentals, common tasks, and administrative jobs that you can apply whether you're on a client or server version of Windows.

Full Description

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Essential Links

- Download Example Code
- Register Your Book

Table of Contents

Bookshare

How do people find accessible materials from lots of sources?

 Solution: Federated Search/Device Access

- Let's make it easy to find all the accessible materials out there
- Our API:
 - ◇ 40+ partners using our API to build better AT and federated search solutions
 - ◇ We hope all other players join us to maximize the availability of AIM
 - ◇ Example API user seeing value in Bookshare partnership: Access Text Network

Bookshare API Examples



see things. differently.

Bookshare and HumanWare Simplify Access to Bookshare Books

Direct Connection to Bookshare Facilitates Transfer of Books to Devices

Palo Alto/Longueuil June 30, 2011 – HumanWare and Bookshare are pleased to announce the FREE HumanWare Companion Software that simplifies the process of transferring Bookshare books to the Victor Reader Stream digital talking book player.



"Many of our customers appreciate the free HumanWare simple intuitive interface to transfer books and files from Bookshare. Says Gerry Chevalier, Victor Reader Brand Manager at HumanWare, "We developed an interface that connects to Bookshare's API applications precisely for uses such as this – making it easier for our customers to use Bookshare's services."



Improving College Textbook Accessibility

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Accessible Textbook Finder (Beta)

The Accessible Textbook Finder (ATF) searches multiple sources and provides the results in a combined format.

The ATF search includes six accessible media producers and materials are provided by the individual sources. Additional sources are available.

Search Criteria

Search By:

In:

- AccessText Network
- Alternative Media Access Center
- Bookshare
- CourseSmart
- Learning Ally
- National Library Service



Small Tools for Big Living™

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Icon Details

Designed with you in mind.

Features of the Icon™ Mobile Manager:

- Memory
- Store thousands of digital books and songs with the 40GB hard drive—which far exceeds other PDA's for the visually impaired.
- Students especially love being able to store all of their books for an entire year in one place.



Life-managing Software Applications:

- Book Player** – Play thousands of Daisy text books and dozens of audio books stored on your hard drive.
- Bookshare Support** – Get the books you want easily and automatically. Simply select the book you want to read and press enter.
- Subscription-based Periodicals** – Listen to subscription-based newspapers and magazines on your way to work, or anytime you choose, through Bookshare's Newsline.

Policy Perspectives

What we don't support:

- Enlargement of Chafee
- Removal of Chafee

What we do support:

- Rulemaking to improve the usefulness of Chafee
 - ◇ Confirm specific learning disabilities as a physical impairment – strike organic brain dysfunction
 - ◇ It causes massive confusion in the field, additional expense and limits access to materials for people who qualify for them

We are only talking about students with **significant** disabilities that affect print

Conclusion

-  Bookshare is highly successful and fulfilling major needs after a short time and relatively limited funding
-  Serving students in the next 5-10 years requires new innovation—technology and business models
-  The market, nonprofits and government entities in education must work together—need all 3 legs of the stool to serve students with disabilities

Books without Barriers

Thank you!

