



Standardizing the discovery of digital book content: a work in progress

Michael Healy, Book Industry Study Group

Working to create a more informed, efficient, and empowered book industry

Goals

- To enable digital book content to be discovered, browsed, searched and distributed in a standardized way
- To allow publishers to manage the quality and availability of the content
- To achieve these goals by defining a set of HTTP transactions between a publisher's digital archive and the websites of syndication partners



Background

- AAP Digital Issues Working Group
- Project Brief and Preliminary Requirements were published in June 2007
- Work transferred to BISG in July 2007
- Establishment of Digital Standards Committee
- Wider industry participation: booksellers, digital repositories, search engines etc.

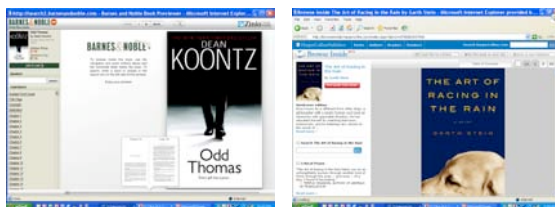


Participating Organizations

- AAP
- ABA
- Barnes & Noble.com
- BookNet Canada
- Bridgeport National Bindery
- CBA International
- Copyright Clearance Center
- Digital Library Federation
- FYI Solutions
- Google
- GS1 US
- Hachette Book Group USA
- Harcourt
- HarperCollins
- IDPF
- Ingram Digital Group
- John Wiley & Sons
- Kirtas
- LibreDigital
- LJNDawson
- McGraw-Hill
- Metacom Systems
- Microsoft
- NACS
- O'Reilly Media
- Oxford University Press
- Pearson
- Penguin Group (USA)
- Publishing Technology
- Quality Solutions
- R.R. Bowker
- Random House
- Rosetta Solutions
- Sensible Solutions
- Simon & Schuster
- Smerillo Associates
- Workman Publishing



The requirement



....but these implementations referenced two different web service specs – that's not scalable!



Use Cases Covered by the Specification

	Use Case Reference	Transaction Code	
SEARCH	UC-01	<TR01>	Get Number of Phrase Matches in Archive
	UC-02	<TR02>	Search Archive for Phrase
	UC-03	<TR03>	Search Book for Phrase
ENUMERATE	UC-04	<TR04>	Enumerate Archive
	UC-04.5	<TR04.5>	Enumerate Book Info
	UC-05	<TR05>	Enumerate Book Page Images
	UC-06	<TR06>	Enumerate ONIX Info
	UC-07	<TR07>	Enumerate Book Text
	UC-08	<TR08>	Browse by Context Pages
RETRIEVE	UC-09	<TR09>	Browse by Sample Pages
	UC-11	*	Get Full-Page Media
	UC-12	*	Get Thumbnail Media
	UC-14	*	Get Highlighted Page Media



Project Participants

- **Enumerate Group:** David Mandelbaum (Barnes & Noble) - Chair
- Paul Gore (Hachette)
- Brian Hogue (Ingram Digital)
- Steve Kotrch (Simon & Schuster)
- Ricky Leung (ABA)
- David Maralack (Microsoft)
- Rich Rothstein (Harpercollins)
- **Get Group:** Dave Haase (Random House) – Chair
- Neil DeYoung (Hachette)
- Brian Hogue (Ingram Digital)
- Steve Kotrch (Simon & Schuster)
- Chris Odom (LibreDigital)
- Rich Rothstein (Harpercollins)
- **Search Group:** Brian Hogue (Ingram Digital) – Chair
- Matt Bennett (Hachette)
- Suraj Gaurav (Microsoft)
- Stephanie Halpern (R.R. Bowker)
- Ricky Leung (ABA)



Current status

- Initial BISG Board approval, May 2008
- Technical specification is being finalized
- Prototyping phase – June-August 2008
- Participation of publishers, digital repositories and syndication partners
- Final specification review
- Publication – September 2008



Questions?

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