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#### Cataloging Electronic Resources: E-books

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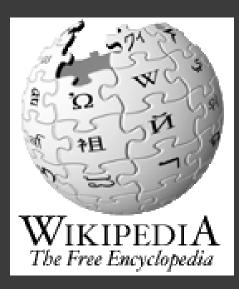
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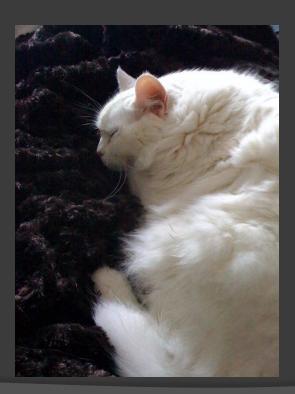
Guest Lecture LIS 656, Spring 2011 Kathryn Lybarger

# CATALOGING ELECTRONIC RESOURCES: E-BOOKS

#### What is an Electronic Resource?

"Material (data and/or program(s)) encoded for manipulation by a computerized device. This material may require the use of a peripheral directly connected to a computerized device (e.g. CD-ROM drive) or a connection to a computer network (e.g. the Internet)" -AACR2, Appendix D





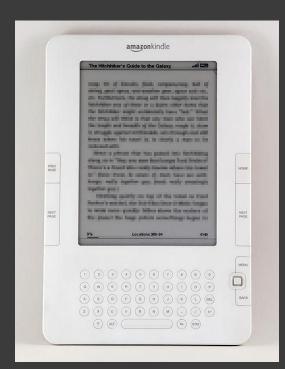
### Google

Advanced search Language tools



Google Search

I'm Feeling Lucky







### What is NOT an electronic resource?

• At least, what should not be CODED as an electronic resource?

- Examples:
  - Music CDs
  - DVDs
  - Videotapes
- Distinction is lessened in RDA.

### Traditional materials in electronic formats

- Books, pamphlets, and printed sheets
- Cartographic materials
- Manuscripts
- Music and sound recordings
- Motion pictures and videorecordings
- Graphic materials
- Serials

### Electronic only

- Searchable databases
- Web sites
- Blogs and social media
- Podcasts
- Streaming audio and video
- Web games

#### Direct access

- Examples:
  - CD-ROM
  - Flash drive
  - E-book on a reader
  - Playaway

 Cataloging must indicate system requirements as well as content.

#### Remote access

- Examples:
  - Web (HTTP)
  - FTP
  - E-mail
  - NNTP

 Cataloging what you have access to rather than what you physically own

### E-books

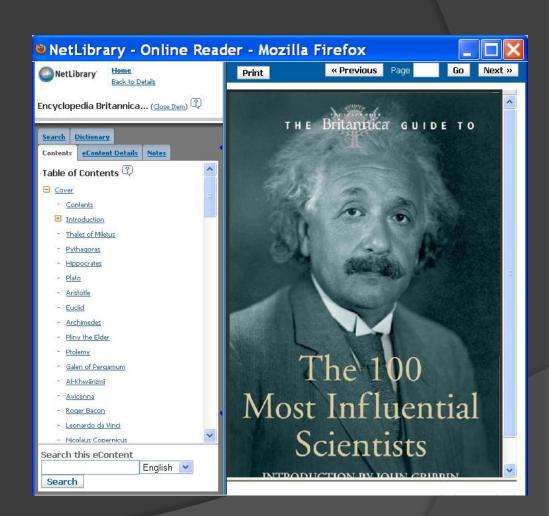
• Many vendors offer e-books. These differ in:

- Content
- Format
- License
- Features

### NetLibrary

- Books from many publishers
- Proprietary (web)viewer

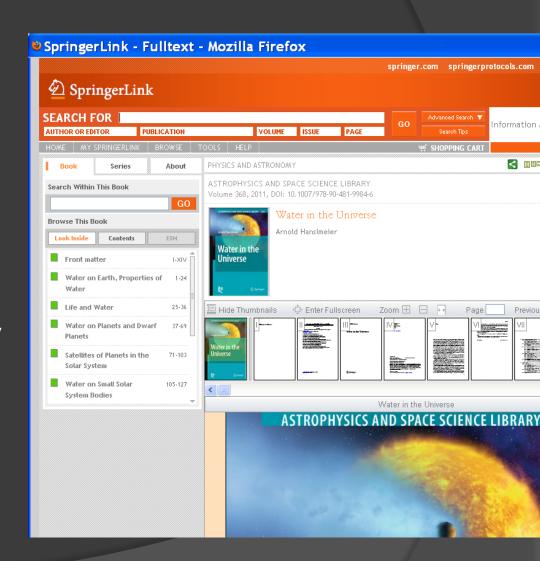
One patron may use at a time



### SpringerLink

- Only books from Springer
- Viewer + PDFs

Multiple patrons may use at once



### ScienceDirect

Elsevier books and journals

Chemistry
 journals have
 access points
 for chemical
 compounds
 (InChi keys)

#### Abstract

A series of new pyrrolo[d][1,2,3]thiadiazole carboxylates and 5,6-dihydro-4H-cyclopenta[d][1,2,3]thiadiazoles has been synthesized via the Hurd-Mori reaction. The regionselectivity of the cyclization has been studied and trends were established to predict the cyclization direction to afford bicyclic 1,2,3-thiadiazoles. Effects promoting and disfavoring the reaction have also been investigated to guide the synthesis of scaffolds of this type.

#### Graphical abstract

	C <sub>4</sub> H <sub>3</sub> N <sub>3</sub> S (125.154)	00,000	C7H8N2O2S (184.219)
N N	Search in Reaxys ?		Search in Reaxys
	Q 🖺		Q 🖺
S	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> S (183.191)	,N.	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> S (183.191)
	Search in Reaxys InChiKey Search		Search in Reaxys InChiKey Search
0	Q <b>=</b>	N H	Q. <b>II</b>
S N	C <sub>8</sub> H <sub>7</sub> N <sub>3</sub> O <sub>4</sub> S (241.227)		C <sub>6</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> S (183.191)
) <del>, ,</del> (	_	1	0

Keywords: Annelated heterocycle; Cyclization; Protecting group; Regioselectivity; Systemic acquired resistance

BKEJQHMFJCUTKL-UHFFFAOYSA-N; TYPJSLXIPNEPES-UHFFFAOYSA-N; LSLFJEGXOZLMIB-UHFFFAOYSA-N; NNRCUIHQDFQNËY-UHFFFAOYSA-N; VHAZNLAOGMRCJT-UHFFFAOYSA-N; GGOXXCPNKQZARP-UHFFFAOYSA-N; XSIYXONHWUOLOY-UHFFFAOYSA-N; YRUKHRXUHKNTIZ-UHFFFAOYSA-N; FOCXHIQVRJXMMN-UHFFFAOYSA-N; PHNGQFXSQDXGAZ-UHFFFAOYSA-N; AVDGQKYPSQDSDT-UHFFFAOYSA-N; BORYQKOSGJBPRL-UHFFFAOYSA-N; HCGBXVVTSMATFK-UHFFFAOYSA-N; XXHVOSWXRDPHIW-UHFFFAOYSA-N

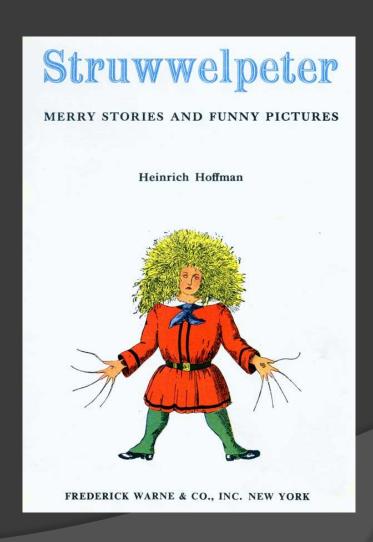
### OverDrive

- Books from multiple publishers
- EPUB and PDF
- Use a reader or free software
- HarperCollins recently announced a cap of 26 checkouts



### Project Gutenberg

- The oldest digital library, started in the 1970s
- Many formats
- Public domain works
- New books added every day, so many are uncataloged



### Cataloging

• Most e-book cataloging I see in the library is AACR2/MARC.

 Allows federated searching of physical and electronic collections.

 MARC records available from many vendors (quality varies)

# A Sketchy Record in OCLC (marked as AACR2!)

```
100 1_ Franklin.
245 10 CESMM3 price database 2009 ‡h [electronic resource] / ‡c Franklin, Andrews.
260 ___ London, $\pm$b Thomas Telford Ltd, $\pm$c 2009.
300 <u>600 p.</u>
500 __ Ebook.
516 Document
538 ___ PDF: Adobe PDF.
650 _0 Civil engineering ±x Prices.
650 7 Surveying. ‡2 bicssc
650 7 Technology. #2 eflch
700 1_ Andrews.
```

### Cataloging Standards

- AACR2, 2<sup>nd</sup> edition Revised with 2005 updates
  - Electronic books (LCRI 1.11A)
- MARC Format for Bibliographic Records
  - OCLC version is available within Connexion and from its website.
- Local Decisions
  - Should e-books have call numbers?

### Fixed Fields (Connexion)

Books	~	<u>Rec Stat</u> c		<u>Entered</u>	1979	0215
<u>Туре</u>	а	<u>ELVI</u>	I	<u>Srce</u>		
<u>BLvl</u>	m	<u>Form</u>	О	<u>Conf</u>	0	
		<u>Cont</u>	b	<u>GPub</u>		
<u>Desc</u>	а	<u>Ills</u>	af	<u>Fest</u>	0	
Action	Status	Delete Holdin	igs_ Export	t_ Label_	Produce _	Update Hold
	<u>Replaced</u>	20091115205726.7				
<u>Audn</u>	j	<u>Ctrl</u>		<u>Lang</u>	eng	
<u>Biog</u>		<u>MRec</u>		<u>Ctry</u>	nyu	
<u>LitF</u>	1	<u>Indx</u>	0			
<u>DtSt</u>	3	<u>Dates</u>	1916,			
				C	reate 006:	~
ldinas Val	lidate					

### Leader/008 (Fixed fields)

- Type: a
  - Indicates language material
  - In Connexion, use the Books workform
- Form: indicate electronic
  - s Electronic
  - o Online
  - d Direct electronic
- DtSt and Dates: use dates of the original material

### 006: Additional Material Characteristics

- Type: m
  - Indicates that it is a computer file
  - In OCLC, use the Computer File option
- File: d
  - Indicates that it is a digital document

### 007: Physical Description Fixed Field

- ‡a c
  - Indicates electronic resource
- +b r
  - Indicates remote access
- #d g
  - d black-and-white
  - g gray scale
  - c multicolored
- (other subfields, optional)

# 245<sup>‡</sup>h: General Material Designation (GMD)

 245 00 ‡a Atom chips ‡h [electronic resource] / ‡c edited by Jakob Reichel and Vladan Vuletić.

Patrons can identify e-books from the search results screen in the OPAC

(GMD is not part of RDA)

### 655: Genre/form heading

Many people use this field to indicate a form of e-book, but there is no standard vocabulary:

```
655 _4 Electronic books.
```

655 \_4 E-book.

655 \_4 Ebook.

• We do not use this at UK.

# 776: Additional Physical Form Entry

 Link electronic version to other formats if they exist

776 08 ‡i Print version: ‡t Accurate condensed-phase quantum chemistry.
 ‡d Boca Raton, FL : CRC Press, c2011
 ‡z 9781439808368 ‡w (DLC)
 2010022634 ‡w (OCoLC)640131978

### 856: Electronic Location and Access

856 40 ±u <a href="http://dx.doi.org/10.1007/978-90-481-3713-8">http://dx.doi.org/10.1007/978-90-481-3713-8</a>

- #3 Materials specified
  - Often used to denote volume number

### DOI: Digital Object Identifier

- DOI may appear on the e-book as:
  - DOI: 10.1007/978-90-481-3713-8

- Ocreate DOI URL:
  - http://dx.doi.org/10.1007/978-90-481-3713-8
- Vendor + IDF commit to keep URLs working

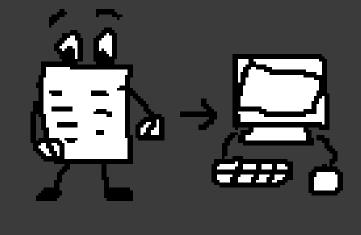
#### DOIs and other PURLs

- If possible, use a DOI or other Persistent URL in the 856
- Such URLs direct you to a service which redirects you to the actual file location.
- In any case, use a URL from the vendor or in the page, not just from the browser location!
- May seem like an extra step, but:
  - More reliable over time
  - Less editing in individual catalogs

### Electronic reproduction

 Similar to microfilm, facsimile/photocopy reproductions

Most of the record is the same as the original



 A few fields to describe digitization

### Physical description

300 \_\_\_ xi, 324 p. : \$b ill. ; \$c 24 cm.

Use physical description for original, even if details have changed in the electronic version!

 Significant changes may be included in a note.

### 588: Source of description

 588 \_\_\_ Description based on print record.

 This is good to note if you do not have the original in hand.

### 533: Reproduction note

 533 \_\_\_ ‡a Electronic reproduction. ‡b London: ‡c ICE Virtual Library, ‡d 2010. ‡n System requirements: Adobe Acrobat Reader. ‡n Title from title screen (viewed on Jan. 22, 2011). ‡n Access may be restricted to users at subscribing institutions.

## Reproduction records are provider-specific

 When copy cataloging and using provider-specific records, you must use a record that specifies your e-book source

 This approach creates lots of very similar records in collections, which may be of varying quality

### Provider-neutral records

 Many e-books are born digital, so cataloging as a reproduction may not be appropriate.

 One record contains information about all possible electronic versions of that book.

Now the recommended standard.

### Physical description

- 300 = ‡a 1 online resource.
- 300 \_\_\_ ‡a 1 online resource (xi, 200 p.)
- 300 \_\_\_ ‡a 1 online resource (xi, 200 p.) :
   ‡b ill.

### 588: Source of description

 588 \_\_\_ Description based on print record.

 Physical book description is the most authoritative description for any potential e-book.

### (Local) Notes

 Provider neutral records do not have a 533.

 Notes that were previously in 533 may go into the body of your LOCAL record.

- 506 Restricted to subscribers.
- 538 \_\_\_ System requirements: Adobe Acrobat Reader.

#### Electronic Location and Access

- 856 40 ±3 NetLibrary ±u
   http://www.netLibrary.com/urlapi.asp?actio
   n=summary&v=1&bookid=354225
- 856 40 ±3 ebrary ±u
   http://site.ebrary.com/id/10446712
- 856 40 ±3 Wiley InterScience ±u http://dx.doi.org/10.1002/9783527633357

### Connexion Demo

http://connexion.oclc.org

### References

 OCLC Bibliographic Formats and Standards

Provider-Neutral E-Monograph MARC Record Guide (Library of Congress, 2009)