Making Your Digitized Books Discoverable

Szu Yu "Zoe" Chao <schao2@illinois.edu> Myung Ja Han <mhan3@illinois.edu> Timothy W. Cole <t-cole3@illinois.edu>

University of Illinois at Urbana-Champaign



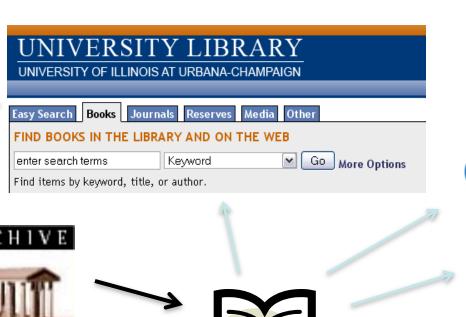
1

Why do we digitize?

- Maximizes access
- Speeds delivery of services
- Increases library's profile
- Adds value and aids interpretation
- Creates surrogate for preservation purposes

Consistent with the traditional role of libraries









vendors







OAI Provider









Digitization projects at UIUC

- Open Content Alliance & Google
- In-house scanning
 - Project Unica
- Outsourced scanning
 - University publications, annual reports....
 - Brittle Books



OCA books



Download files from Internet Archive

- VBScript to manage process
- Uses utilities like WGet
- Process logged in MS SQL database to track errors & problems





Web Moving Images Texts Audio Software Education Patron Info About IA

American Libraries

<u>Home</u>

American Libraries | Canadian Libraries | Universal Library | Project Gutenberg | Children's Library | Biodiversity Heritage Library | Additional Collections

Search:

American Libraries

▼ GO! Advanced Search

Hello manorman (not you? sign in or log out)

Upload

Text Archive > American Libraries > A cycle of Adams letters, 1861-1865

View the book

Flip Book (13 MB)Flip Book (beta) (128 MB) PDF (14 MB) BW PDF (11 MB) Full Text (474 KB) DjVu (5.53 MB)

All Files: HTTP

Help reading texts

Resources

Bookmark Report errors

A cycle of Adams letters, 1861-1865 (1920)

Author: Ford, Worthington Chauncey, 1858-1941; Adams, Charles Francis, 1807-1886; Adams, Henry, 1838-1918; Adams, Charles Francis,

1835-1915 Volume: 1

Publisher: Boston and New York, Houghton Mifflin Company

Possible copyright status: NOT IN COPYRIGHT

Language: English Call number: 270880

Digitizing sponsor: University of Illinois Urbana-Champaign Book contributor: University of Illinois Urbana-Champaign

Collection: americana

Reviews

Be the first to write a review

Downloaded 50 times

Selected metadata

Scanningcenter: il

Mediatype: texts

Identifier: cycleofadamslett01ford

Ppi: 500 Canon 5D Camera:

Operator: scanner-craig-johnson@... Scanner: scribe1.il.archive.org Scandate: 20080612000706

Imagecount: 350

Done



Ope<u>n</u> Notebook **ZO**t



Create splash page for each volume digitized



 Flip Book
 (13 MB)

 Flip Book (beta)
 (128 MB)

 PDF
 (14 MB)

 BW PDF
 (11 MB)

 Full Text
 (474 KB)

 DiVu
 (5.53 MB)

additional splash page for serials

Title: War and peace,

Creator: Tolstoy, Leo, graf, ... Publisher: New York, T.Y.

link to OPAC record

persistent identifier http://hdl.handle.net/10111/...

links to additional formats as appropriate

Script template populated from MARC.xml record







About this book:

Title: Voina i mir

View holdings at the UIUC Library

Volume: 1 (more volumes)

Creator: Tolstoy, Leo, graf, 1828-1910.

Publisher: Moskva: Izdanie T-va I.D. Sytina,

Date: 1912.

Physical Description: 4 v.: 1 ill.; 22 cm.

Language: rus

Contributor: Biuiukov, P. 1860-1931.

Related Work(s): War and peace (eng.)

Permanent URL for this page: http://hdl.handle.net/10111/UIUCOCA:voinaimir01tols

Please reference and bookmark using this URL.





Digitized Books from the University of Illinois at Urbana-Champaign are produced by the Open Content Alliance in association with the University of Illinois at Urbana-Champaign Library. See Terms of Use







Volume 1

PDF | TEXT | DjVu | Flip Book (beta)

Volume 2

PDF | TEXT | DjVu | Flip Book (beta)

Volume 3

PDF | TEXT | DjVu | Flip Book (beta)

Volume 4

PDF | TEXT | DjVu | Flip Book (beta)

About this series:

Title: Voina i mir /

View holdings at the UIUC Library

Creator: Tolstoy, Leo, graf, 1828-1910.

Publisher: Moskva: Izdanie T-va I.D. Sytina,

Date: 1912.

Physical Description: 4 v.: 1 ill.; 22 cm.

Language: rus

Contributor: Biuiukov, P. 1860-1931.

Related Work(s): War and peace (eng.)

Permanent URL for this page: http://hdl.handle.net/10111/UIUCOCA:Serial/voinaimir

Please reference and bookmark using this URL.





Digitized Books from the University of Illinois at Urbana-Champaign are produced by the Open Content Alliance in association with the University of Illinois at Urbana-Champaign Library. See Terms of Use



Generic scripted workflow

- Copy thumbnail, PDF, text, DjVu, and metadata to web accessible directory
- Copy everything to archival directory
- Create handle (Handle System by CNRI)
- Modify MARC.xml
 - add 245#n, 852 and 856
- Copy modified MARC.xml to OAI provider



Project Unica

- Unique items from Rare Books & Manuscripts Library
- For rare book scholars
- Show cover and binding
- Page images need to be side-by-side
- High resolution images



Project Unica

- In house scanning: JP2
- JP2 (crop and deskew) → PDF (high & low resolution)
- ImageMagick to stitch images (automated)
- METS Navigator (developed by Indiana U.)
 - JP2 → JPG (screen size)
 - JP2 → PNG (full size, 48-bit color)



bie ecker bie sein werckgegengk tenn agros Ther limt instrumenta mulieri frawen bequeme sebern nabelen rock singerbut bus conwenientia sepiceps ac? colus digiteca wirel bechel werste garnrock breche vösspindel vertebzü tenerix alabzu girgillü excudia ee kul?

View this book:



Preview PDF (1.5 MB)
Full Resolution PDF (8.8 MB)
Page by Page Navigator

About this book:

Title: The abc with the Pater noster Aue, Credo, and .x. co[m]maundementes in

Englysshe newly translated and set forth, at the kyngs most gracyouse

commaundement.

View holdings at the UIUC Library

Publisher: Printed at Londo[n]: In the Old bayly by Richard Lant,

Date: [ca. 1545]

Physical Description: [8] p.; 10 cm.

Language: eng

Notes: Estimated publication date from STC.

Consists of 8 pages printed on the outer forme of a halfsheet, with the blank pages of the inner forme pasted together, folded as a pamphlet of 4

leaves.--STC.

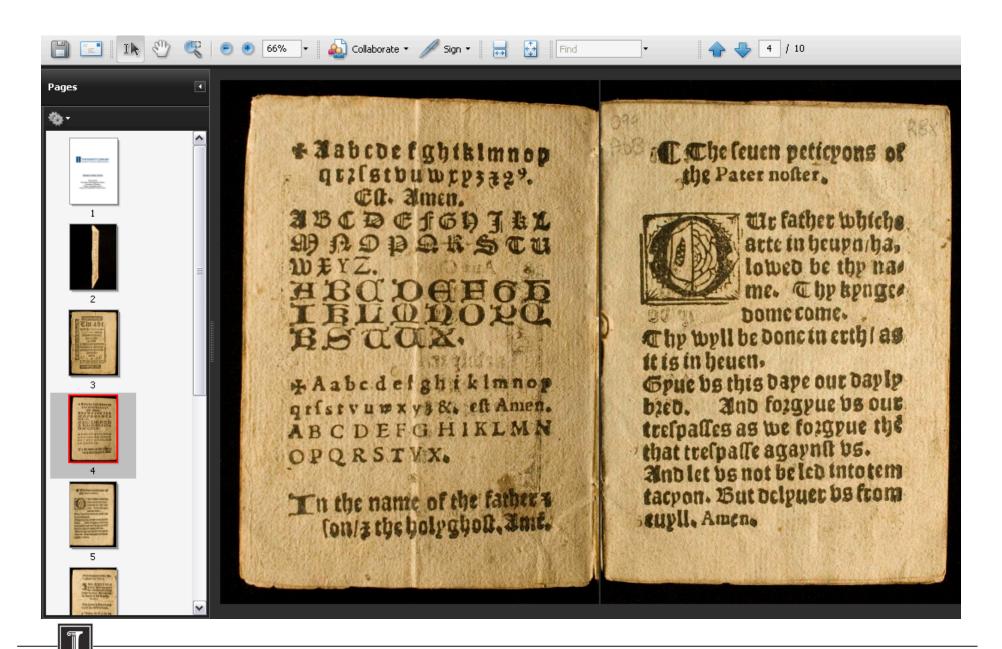
References: STC (2nd ed.) 19.6.

Subject: Hornbooks

Permanent URL for this page: http://hdl.handle.net/10111/UIUCUNICA:anon0001abcpat

Please reference and bookmark using this URL.





UNICA

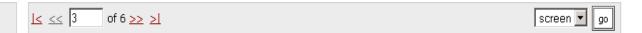
wirt fume. Es wirt auch ober es Verregen nit. Aber es wirt ein vallmit Ve Ver herz wirt schlaß Ben alle volcker. Sie Va nit sind auf stellisten zes Bet. OB ir opffert eyn blindes zuopffern. ift es mit boh Dnd oB ir opffert eyn hinden les

Help | Illinois Harvest

Title: The abc with the Pater noster Aue, Credo, and .x. co[m]maundementes in Englysshe newly translated and set forth, at the kyngs most gracyouse commaundement.

View Full Record

- Binding Spine
- ■Text block
- ■Image 001
- ■Images 002-003
- ■<u>Images 004-005</u>
- ■Images 006-007
- ■Image 008







UNICA

wirt fumē. Es wirt auch ober es Ver regen nit. Alber es wirt ein val mit Vē Ver hers wirt fehla! Ben alle volcker. Sie Va nit find auf stellisten ze! Bet. OBir opffert eyn blindes zuopffern. ift es nit bob. Dnd oB ir opffert eyn hincendes

Help | Illinois Harvest

Title: The abc with the Pater noster Aue, Credo, and .x. co[m]maundementes in Englysshe newly translated and set forth, at the kyngs most gracyouse commaundement.

View Full Record

BindingSpineText block

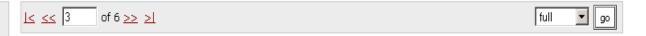
Text block
 Image 001

Images 002-003

■ Images 004-005

■Images 006-007

■Image 008





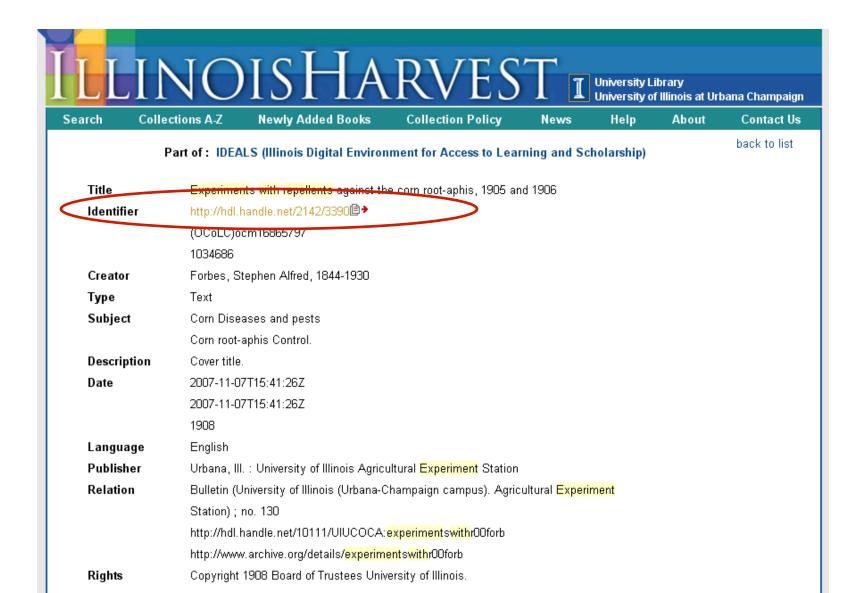


Institutional Repository (IDEALS)

DSpace

- Some materials digitized by OCA
- Also accessible through Illinois Harvest
 - harvest metadata from DSpace via OAI-PMH







IDEALS

Titles

Authors

Subjects

Date

Communities

This Collection

Titles

Authors

Subjects

Date

My Account

Login to My IDEALS (U of I users only)

Non-Illinois Login

Information

Help

About

Contact Us



Experiments with repellents against the corn root-aphis, 1905 and 1906

Bookmark or cite this item: http://hdl.handle.net/2142/3390

Files in this item

File	Description	Format
🛌 experimentswithr00forb.pdf (5мв)	(no description provided)	PDF

Title:	Experiments with repellents against the corn root-aphis, 1905 and 1906
Author(s):	Forbes, Stephen Alfred, 1844-1930
Subject(s):	Corn Diseases and pests
	Corn root-aphis Control.
Issue Date:	1908
Publisher:	Urbana, III. : University of Illinois Agricultural Experiment Station,
Series/Report:	Bulletin (University of Illinois (Urbana-Champaign campus). Agricultural Experiment Station) ; no. 130
Туре:	Text
Language:	English
Description:	Cover title.
URI:	http://hdl.handle.net/2142/3390
Rights Information:	Copyright 1908 Board of Trustees University of Illinois.
Date Available in IDEALS:	2007-11-07
Has Version(s):	http://hdl.handle.net/10111/UIUCOCA:experimentswithr00forb
	http://www.archive.org/details/experimentswithr00forb
Identifier in Online	1034686



German Emblem Project

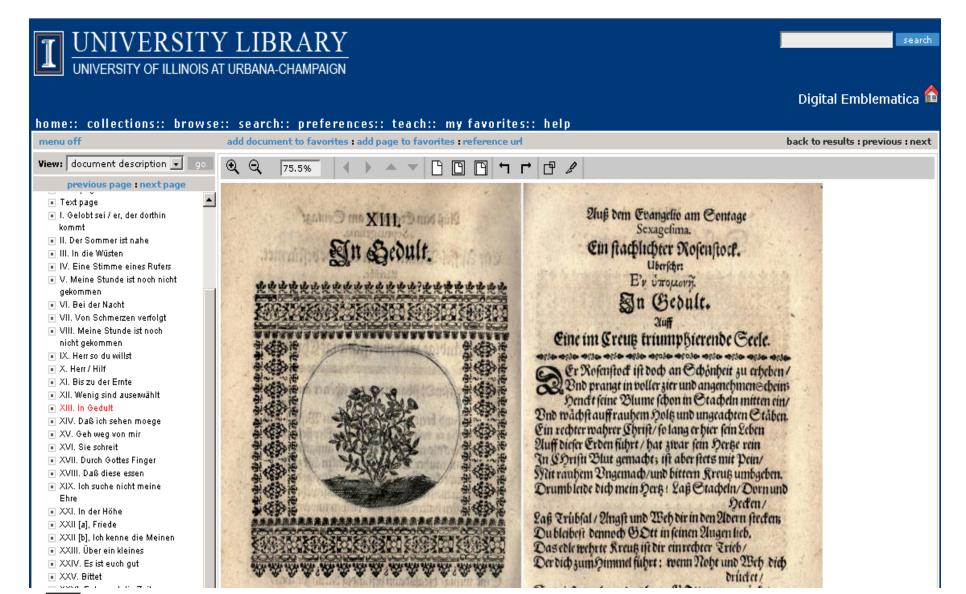
- Started in 1998 (local digitization)
- CONTENTIAM collection
- Emblem books published in 17th & 18th centuries
- Different granularities of metadata in CONTENTdm
 - Book
 - Emblem
 - Text



German Emblem Project

- Show Emblems (graphics + text) as single image
- Stitch the images together with ImageMagick
- Associate metadata with modified images
- Export metadata from CONTENTdm in XML format
- Import metadata and images together
- Alternative page view of book using METS Navigator



















View this book:



PDF DjVu Flip Book (beta) Digital Emblematica View Page by Page Navigator

About this book:

Title: [Alpha. Omega.] Geistliche emblemata oder Sinn-Bilder, aus den

Sonntags-Evangelien vom I. Advent biss auff Trinitatis /

View holdings at the UIUC Library

Alternative Title: Geistliche Emblemata oder Sinn-Bilder aus den Sonntags-Evangelien

vom I. Advent biss auff Trinitatis.

Creator: Meinhard, Sebald.

Publisher: Dantzig: Druckts David-Fridrich Rhete

Place of Publication: Poland Gdansk.

Date: Im Jahr Christi 1675.

Physical Description: [56] p. : ill.; 20 cm. (4to)

Language: ger

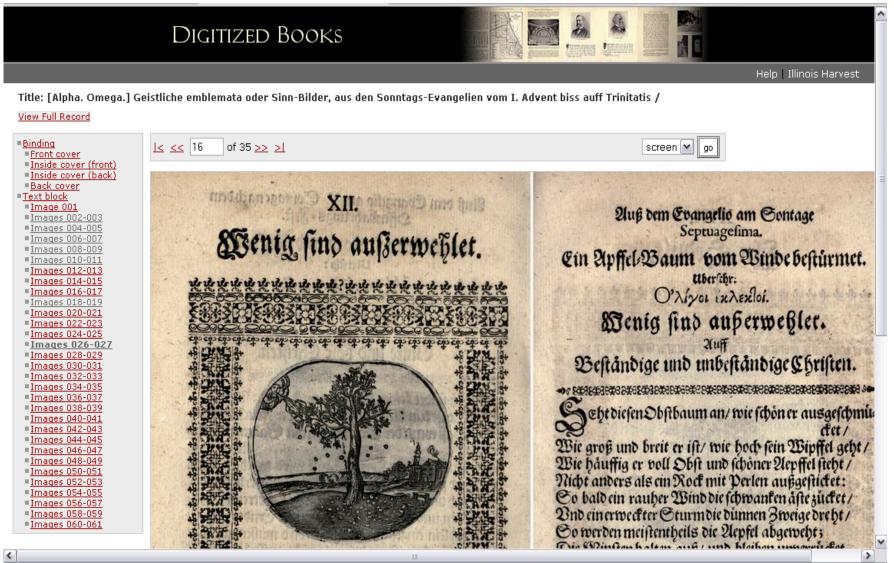
Notes: Signatures: pi² A-F G² (E3 missigned 'Eiiij').

Greek letters at head of title.

With 26 engraved emblems, numbers 20 and 21 misnumbered 'XXI' and

'XXII', respectively.







Creating E-Book Records

- Add links to existing print resource records & create new e-book records
- Separate record approach
 - To make digitized content available to other libraries
 - To display item as 'E-Content' to users
 - To use FRBRized search and display in the future



- Update/Create new E-records every month using XSLT/Perl
 - Using OAI-PMH to harvest MARC.xml
 - XSLT and Perl
 - Correct punctuations
 - Add 245 #h, 530, 533, 690 and 710
 - Produce one MARC format record file for OCLC importing
 - CARLI creates holding records



Title: The abc with the Pater noster Aue, Credo, and x. co[m]maundementes in Englysshe newly translated and se

most gracyouse commaundement [electronic resource].

Published: Printed at Londo[n]: In the Old bayly by Richard Lant, [ca. 1545]

Physical Description: [8] p.; 10 cm.

System requirement: Adobe Acrobat Reader.

Mode of access: World Wide Web.

Related URL: Full text - UIUC

http://hdl.handle.net/10111/UIUCUNICA:anon0001abcpat

Subject (Other): Project Unica.

Other Name: University of Illinois at Urbana-Champaign. Rare Book & Manuscript Library.

Other Formats of Title: Original

References: STC (2nd ed.) 19.6

Notes: Electronic reproduction. Urbana, III.: Rare Book & Manuscript Library, University of Illinois at Urbana-Champ

Estimated publication date from STC.

Consists of 8 pages printed on the outer forme of a halfsheet, with the blank pages of the inner forme pasted

pamphlet of 4 leaves.--STC.

Also available in print.

rsistent link to this page: https://i-share.carli.illinois.edu/uiu/cgi-bin/Pwebrecon.cgi?DB=local&v1=1&BBReclD=5440678

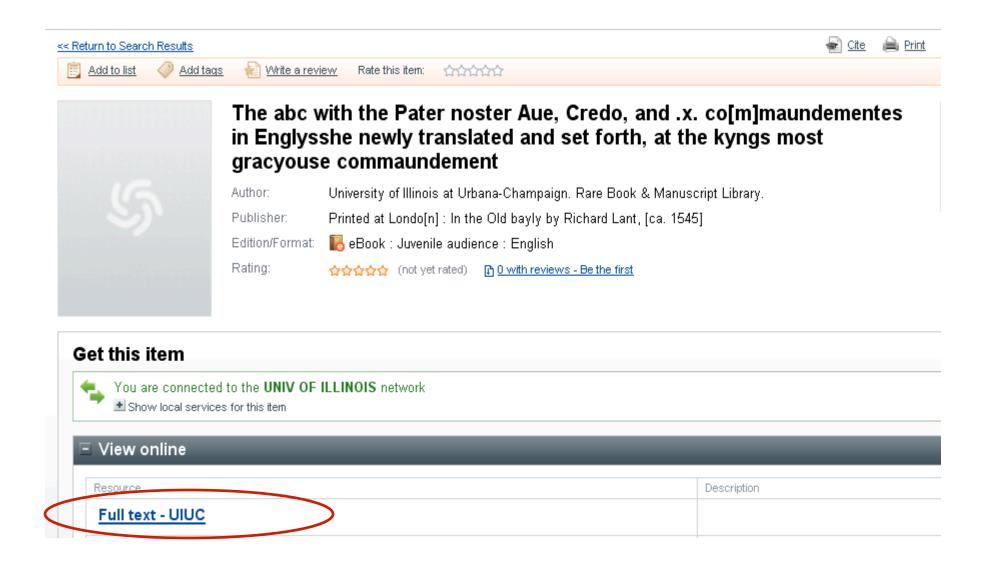
Institution: University of Illinois at Urbana-Champaign Library

Location: *UIUC Online Collection

Call Number: Online Resource → | Text me this call number

Copy: 1





Full View Brief View More Like This Staff (MARC) View

Author: Forbes, Stephen Alfred, 1844-1930.

Title: Experiments with repellents against the corn root-aphis, 1905 and 1906 / by Stephen A. Forbes.

Series: Bulletin (University of Illinois (Urbana-Champaign campus). Agricultural Experiment Station); no. 130

Bulletin (University of Illinois (Urbana-Champaign campus), Agricultural Experiment Station); no. 130.

Published: Urbana, III.: University of Illinois Agricultural Experiment Station, 1908.

Physical Description: 28 p.; 23 cm.

Related UPL: Full text - UIUC

http://hdl.handle.net/2142/3390

Subject (LCSH): Corn -- Diseases and pests

Corn root-aphis -- Control.

Other Formats of Title: Experiments with repellents against the corn root-aphis, 1905 and 1906

Notes: Cover title.

Also available as E-Book.

sistent link to this page: https://i-share.carli.illinois.edu/uiu/cgi-bin/Pwebrecon.cgi?DB=local&v1=1&BBReclD=1034686



NewSearch I-ShareCatalog OtherLibraries Headings Titles MyAccount / Renew Books Request History Quit Help

Searching: University of Illinois at Urbana-Champaign Library

Searched: Boolean Search = TKEY geistliche AND TKEY emblemata and GKEY geistliche AND GKEY emblemata arch Results: Displaying 1 of 4 entries.



Author: Meinhard, Sebald.

Title: [Alpha. Omega.] Geistliche emblemata oder Sinn-Bilder, aus den Sonntags-Evangelien vom I. Advent biss auff Trinitatis

resource] / verfertiget von Sebaldo Meinhardo, Dantiscano.

Published: Dantzig: Druckts David-Fridrich Rhete, Im Jahr Christi 1675.

Physical Description: [56] p.: ill.; 20 cm. (4to).

System requirement: Adobe Acrobat Reader.

Mode of access: World Wide Web.



Full text - OCA

Digital Emblematica - UIUC

http://hdl.handle.net/10111/UIUCOCA:alphaomegageistl00mein

http://www.archive.org/details/alphaomegageistl00mein

http://images.library.uiuc.edu:8081/u?/emblems,2612

Subject (LCSH): Emblem books, German -- Early works to 1800

Subject (Other): Open Content Alliance Digitization Project

Genre/Form: Emblem books -- Poland -- 17th century.

Other Name: Open Content Alliance.

Other Formats of Title: Original



Update catalog for digitized books from other institutions

- HathiTrust (University of Michigan)
 - Metadata can be harvested via OAI-PMH
 - Harvest specific sets
 - setSpec=pd (public domain)
 - setSpec=pdus (public domain US)
 - Extract OCLC number and 856 #u with a simple XSLT, monographs only
 - Identify what UIUC has in print format
 - Add 856 #u to the print record with #3 note
 "Full text University of Michigan (Hathi Trust)"



32

- Internet Archives/Open Content Alliance
 - UIUC brokers OAI-provider records for OCA books contributed by (6 month lag)
 - American Libraries
 - University of Toronto
 - Follow same procedure as UM Books
 - Use different text, "Full text Institution Name"



Current status

- more than 16,000 UIUC volumes digitized
- more than 10,000 on Illinois Harvest and OPAC

Log analysis

- *7/1/07 6/30/08*
- Total URL hits on digitized books: 557,557
- Total hits on Illinois Harvest home page: 154,013



Summary – Issues

- Single records vs. separate records
- Handling serials and multi volume sets
- Too many options/links?
- Identifier / inconsistent URL
- Cost to download from OCA vs. extra security
- Approach for linking to non-UIUC digitized content
- Learn from similar projects elsewhere



Thank you!

Illinois Harvest

http://illinoisharvest.grainger.uiuc.edu/

Szu Yu "Zoe" Chao <schao2@illinois.edu> Myung Ja Han <mhan3@illinois.edu> Timothy W. Cole <t-cole3@illinois.edu>

University of Illinois at Urbana-Champaign



36