



The Michigan Digitization Project

Status of the Google/UM partnership to
digitize the collections of the
University Library

Outline



- ✓ History of UM Digital Initiatives
- ✓ The Google/UM Partnership
- ✓ Digitization, Access, Rights Management
- ✓ Copyright Determinations
- ✓ Millionth Book, SDR

UM Digital Initiatives



- Digital initiatives going back to 1980s
- UMLibText - 1989
- Humanities Text Initiative – 1994
- PEAK, JSTOR, Making of America

PEAK



UM Digital Initiatives (2)



- Digital Library Production Service (DLPS) – 1996
- Base funding
- Focus: long term access + preservation

UM Digital Initiatives (3)

- DLPS developed products/services

- DLXS – middleware

- XPAT – search engine

- OAISTER – metadata harvesting



UM Digital Collections Online



- Text, images, numeric spatial data, finding aids, bibliographic/reference collections
- Pre-Google:
 - 141 Text Collections
 - 25 million page images
 - 3 million pages of encoded text
 - 89 Image Collections
 - 200,000 images

Google/UM Partnership

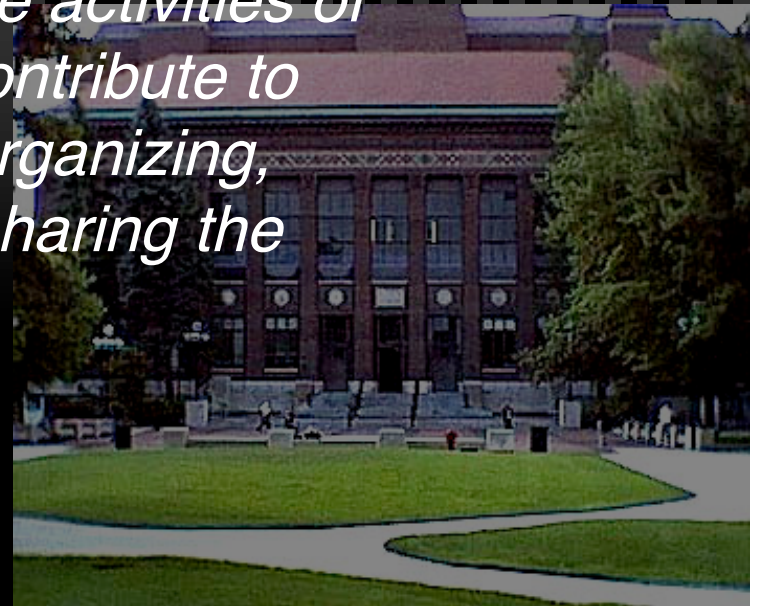


- Announced in December 2004
- 7 million University Library volumes
- Digitize and make searchable via Google search engine
- UM gets its own copy
- Google covers most costs 😊

Why engage in this Partnership?

University Library mission statement:

“To support, enhance, and collaborate in the instructional, research, and service activities of faculty, students, and staff, and contribute to the common good by collecting, organizing, preserving, communicating, and sharing the record of human knowledge.”



Why engage in this Partnership? (2)

- We couldn't do it ourselves!

Google™

+

M
Library

= ***DIGITIZED BOOKS!***



Digitization Begins



- Google began image capture at UM in July 2004
- Getting books out and back – developed workflows – back on the shelf within 5–7 days
- Developed mechanisms for receiving content from Google

Image Quality



- ✓ Library Preservation Standards
- ✓ 600 dpi TIFFs; 300 dpi JP2K
- ✓ Automatic validation of files upon ingest
- ✓ Manual Quality Review and Feedback

Google Rejects

- ✓ Files not scanned by Google
- ✓ Rejected due to poor condition
- ✓ Digitize ourselves — separate workflow



Access



- September 2006 UM released local implementation – MBooks
- System for accessing our digital collections
- Access through MIRLYN – UM Library OPAC
- Created Rights Database to manage access

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HINT: You can put "phrases in quotes"

	Field to search	Type word or phrase
<input type="text"/>	Word(s) anywhere ▾	<input "american="" literature"']="" type="text" value='"michigan digitization project""/></td></tr><tr><td><input type="text" value="and"/> ▾</td><td>Title word(s) ▾</td><td><input type="text" value='/>
<input type="text" value="and"/>	Author word(s) ▾	<input type="text"/>

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Collection ▾

Year from

Year to

HINT: yyyy Use ? for truncation when not using from / to format

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#	Format	Author	Title	Year	Location
21	<input type="checkbox"/>	  Smyth, Albert Henry,	American literature.	1891	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library 810.9 S67 P1
22	<input type="checkbox"/>	  Stewart, Randall,	American literature & Christian doctrine.	1958	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library 810.9 S852am • Buhr Shelving Facility - Ask at any library PS 166 .S85
23	<input type="checkbox"/>	  Wright, Henrietta Christian,	American men of letters, 1660-1896.	1897	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library 810.9 W95
24	<input type="checkbox"/>	  Arvin, Newton,	American pantheon: [essays] Edited by Daniel Aaron and Sylvan Schendler. A memoir by Louis Kronenberger.	1966	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library 810.9 A795am
25	<input type="checkbox"/>	  Perry, Bliss,	The American spirit in literature; a chronicle of great interpreters, by Bliss Perry.	1921	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library PS88 .P46 1921
26	<input type="checkbox"/>	  Perry, Bliss,	The American spirit in literature; a chronicle of great interpreters, by Bliss Perry.	1918	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library E 173 .C56 v.34
27	<input type="checkbox"/>	 	The American writer and the European tradition / [edited by] Margaret Denny and William H. Gilman.	1950	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask at any library PS 157 .D42 • Hatcher Graduate 810.9 D412am
28	<input type="checkbox"/>	 	The American writer in England; an exhibition arranged in honor of	1969	<ul style="list-style-type: none"> • Buhr Shelving Facility - Ask

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Title	The American spirit in literature; a chronicle of great interpreters, by Bliss Perry.
Electronic Location	Click here U-M Online ; http://hdl.handle.net/2027/mdp.39015063861861  Full Text
	Click here Google Online ; http://books.google.com/books?vid=UOM39015063861861
Holdings	What Libraries Have
Author	Perry, Bliss, 1860-1954.
Edition	Roosevelt edition.
Published	New Haven, Yale university press; [etc., etc.] 1921.
Format	Electronic Resource Book
System Req'ts.	Mode of access: Internet.
Description	ix, 281 p. col. front. 18 cm.
Reproduction	Electronic text and image data Ann Arbor, Mich. : University of Michigan Library 2006 Includes both image files and keyword searchable text. [Michigan Digitization Project]
Series Statement	The chronicles of America series, Allen Johnson, editor ... ; v. 34
Subject-Lib. Cong.	American literature -- History and criticism

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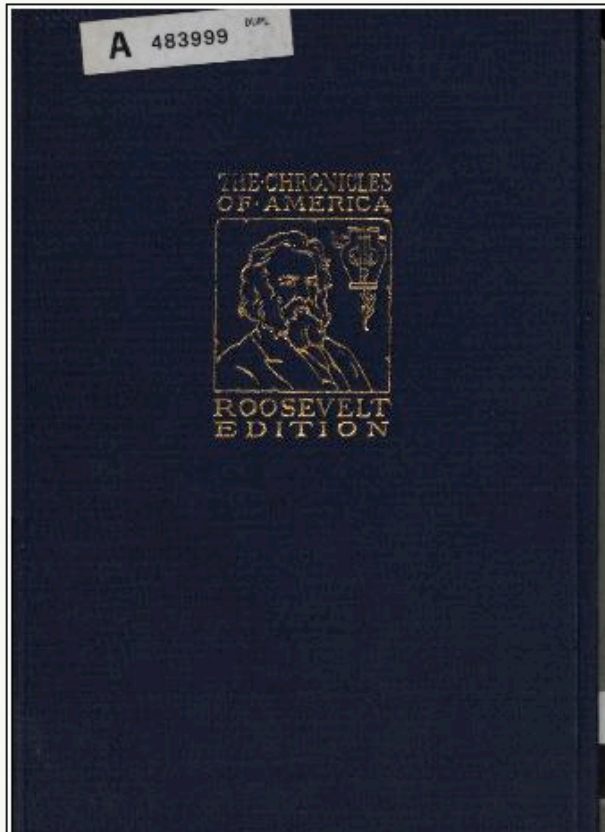
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field of theological and political speculation, it is easy today to select, among the writings of the earliest colonists, certain radical utterances which seem to presage the very temper of the late eighteenth century. Pastor John Robinson's farewell address to the Pilgrims at Leyden in 1620 contained the famous words: "The Lord has more truth yet to break forth out of His holy Word. I cannot sufficiently bewail the condition of the reformed churches, who are come to a period in religion. . . . Luther and Calvin were great and shining lights in their times, yet they penetrated not into the whole counsel of God." Now John Robinson, like Oliver Cromwell, never set foot on American soil, but he is identified, none the less, with the spirit of American liberalism in religion.

In political discussion, the early emergence of that type of independence familiar to the decade 1765-75 is equally striking. In a letter written in 1818, John Adams insisted that "the principles and feelings which produced the Revolution ought to be traced back for two hundred years, and sought in the history of the country from the first plantations in America." "I have always



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Walt Whitman

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Sequence #110 - 2 matching terms
...RICAN SPIRIT IN LITERATURE Whittier's first published poem in the Newbury- port Free Press. **Walt Whitman** was a barefooted boy on Long Island, and Lowell, likewise seven years of age, was wat...

... SPIRIT IN LITERATURE Whittier's first published poem in the Newbury- port Free Press. **Walt Whitman** was a barefooted boy on Long Island, and Lowell, likewise seven years of age, was watching...

Sequence #128 - 2 matching terms
...o ever tried to sell a manuscript along Broadway. One of them is Edgar Allan Poe and the other is **Walt Whitman**. They shall have a chapter to themselves. But before turning to that chapter, we mus...

...r tried to sell a manuscript along Broadway. One of them is Edgar Allan Poe and the other is **Walt Whitman**. They shall have a chapter to themselves. But before turning to that chapter, we must lo...

Sequence #216 - 3 matching terms
...he would say to himself with a thrill of pride: "I belong at this table." And he does. **Walt Whitman**, whom his friend O'Connor dubbed the "good gray poet," offers a bizarre...

...uld say to himself with a thrill of pride: "I belong at this table." And he does. **Walt Whitman**, whom his friend O'Connor dubbed the "good gray poet," offers a bizarre con...

... history or in American ideas; he was a timeless, placeless embodiment of technical artistry. But **Whitman** ...

Sequence #222 - 4 matching terms
...ing near" enfolded him. There are puzzling things in the physical and moral constitution of **Walt Whitman**, and the obstinate questions involved in his theory of poetry and in his actual poeti...

...ear" enfolded him. There are puzzling things in the physical and moral constitution of **Walt Whitman**, and the obstinate questions involved in his theory of poetry and in his actual poetical p...

... fairly clear. They must be swiftly summarized. The first obstacle to the popular acceptance of **Walt Whitman** is the formlessness or alleged formlessness of *Leaves of Grass*. This is a highly tech

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Title	America's coming-of-age.
Electronic Location	Click here U-M Online ; http://hdl.handle.net/2027/mdp.39015063743994 MBooks Search Only
	Click here Google Online ; http://books.google.com/books?vid=UOM39015063743994
Holdings	What Libraries Have
Author	Brooks, Van Wyck, 1886-1963.
Edition	[Rev. ed.].
Published	Garden City, N.Y. : Doubleday, 1958.
Format	Electronic Resource Book
System Req'ts.	Mode of access: Internet.
Description	xii, 183 p.
Reproduction	Electronic text and image data Ann Arbor, Mich. : University of Michigan Library 2006 Includes both image files and keyword searchable text. [Michigan Digitization Project]
Series	Anchor books. A-129.
Series Statement	Doubleday anchor books ; ; A-129

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Walt Whitman

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Progress – 2008

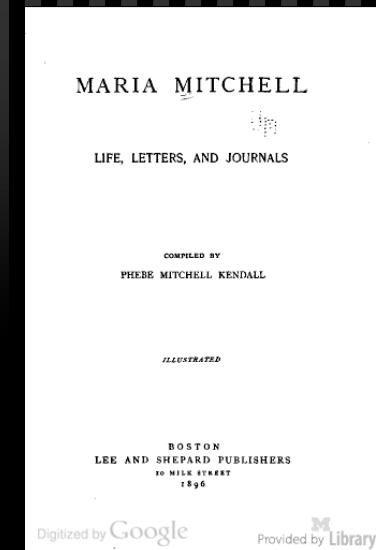
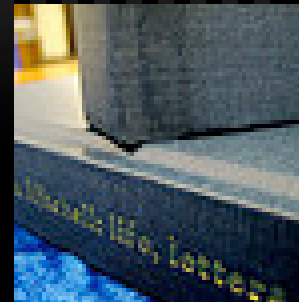


- ✓ Buhr, Social Work, AAEL complete
- ✓ Currently scanning Hatcher collections
- ✓ Moving DLPS text collections into MDP repository

Progress – 2008 (2)



- ✓ Celebrated 1 million digital books in MDP repository
- ✓ 361,441,145 pages
- ✓ 42 terabytes



Shared Digital Repository



- ✓ MDP Repository to become Shared Digital Repository
- ✓ Replicated version of the SDR at Indiana U
- ✓ Participants – CIC Libraries
- ✓ “Mass Digitization of Research Library Holdings and the Public Good” (2005)

Shared Digital Repository



- ✓ Funding: UM, IU, Participating Libraries
- ✓ Governance: Operational Advisory Board;;
Strategic Advisory Board
- ✓ Initial Phase: 5 years w/formal review after 3
- ✓ University of Wisconsin – first up

Making it all Worthwhile

- ✓ Dear Librarian,
- ✓ I want to take this opportunity to say How much I appreciate the
- ✓ online book access program you offer. During the past three days I
- ✓ have been looking at the Hart's Annual Army Lists via UMICH books
- ✓ online. Because of this system I have been able to complete some
- ✓ valuable family history work.
- ✓ All I can say is this is a wonderful research tool. This is the
- ✓ first time I have ever encountered something of this nature. I will
- ✓ certainly let others know about it!

- ✓ With many thanks,
- ✓ Matthew Cooper



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- annekz@umich.edu