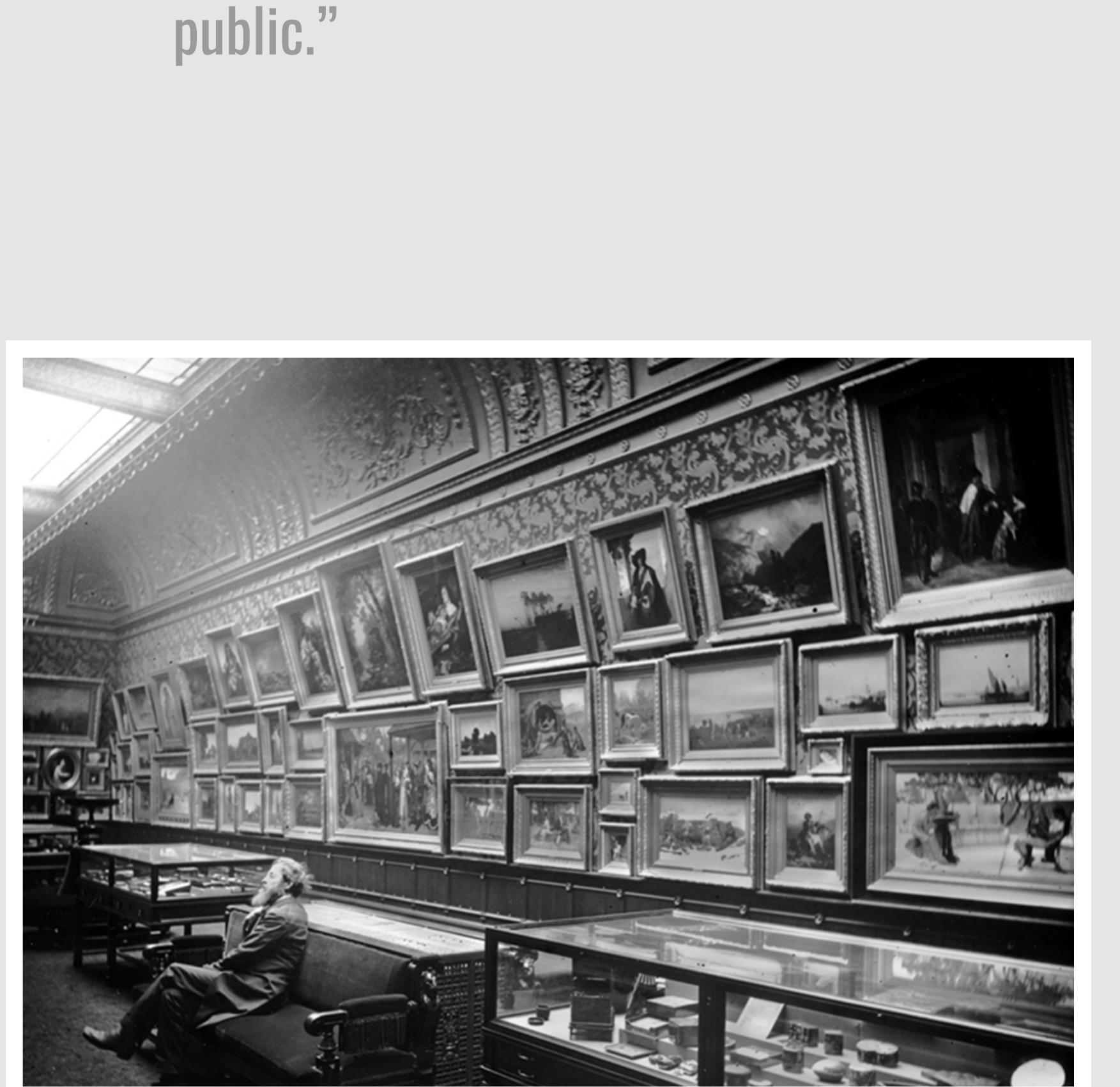


2

1 The Walters family builds manuscripts collection and bequeaths it to Baltimore City in 1931 "for the benefit of the

The Walters Art Museum commits to Open Data and begins digitization of mss collection with three separate matching NEH grants in 2008. Approximately 400 individual manuscripts from the Walters' collection have been digitized to date.







The Walters builds internal cataloging database that exports to open format TEI: XML / FTP-style website called thedigitalwalters.org

THE WALTERS ART MUSEUM

THE DIGITAL WALTERS

Name	Last modified Size
01_ACCESS_WALTERS_MANUSCRIPTS.	html2017-02-28 11:13248K
02_ACCESS_OTHER_BOOKS.html	2017-02-28 11:13 12K
03_ReadMe.html	2017-02-28 11:13 34K
04_TechnicalReadMe.html	2017-02-28 11:13 32K
Data/	2016-08-02 13:11 -
Supplemental/	2017-02-28 10:57 -
le robots.txt	2011-07-12 15:38 24

This Web site contains complete sets of high-resolution archival images of manuscripts from the collection of the Walters Art Museum, along with machinereadable TEI P5 descriptions and technical metadata, released for free under a Creative Commons Attribution-ShareAlike 3.0 Unported license for anyone who wants to use them. To use this Web site, see the ReadMe documents below.

Introduction
 Technical Help

All manuscript data, including images and cataloging information, hosted on thedigitalwalters.org is made publicly available for download free of charge Digitized Walters Manuscripts
 Non-Walters Books

All manuscript images and descriptions were created and are provided through Preservation and Access grants awarded to the Walters Art Museum by the National Endowment for the Humanities, 2008–2014. Additional funding has been provided by an anonymous donor. Any views, finding, conclusions, or recommendations expressed on this Web site do not necessarily represent those of the National Endowment for the Humanities.



thedigitalwalters.org is only usable for a few applications with the following difficulties:



- No searching
- No clarity on book features, chapters, extra pages
- Keywords available per manuscript, but not linkable
- To get full information, user required to parse their own XML

- 2012
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 - 2012-11-28 12:35 -
 - 2012-11-28 12:36 -
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The Walters holds hackathon in 2014, meets Byte, creates Proof of Concept to show viability.



The Walters commits to creating a user-friendly front-end site for thedigitalwalters.org

6



7

Byte + The Walters define users, "use cases", "user stories" and other misconceptions and confusion points on the collection and thedigitalwalters.com

Primary users include scholars, students and the general public

As a scholar, I am looking for variations on the way artists treat the historiated initial "D," especially in English Psalters

Fin taking a class on medieval French and need examples to practice reading/translating

⁶ I'm an artist for Magic The Gathering[™] cards, and I want to look at medieval illuminations for inspiration." (True story!)

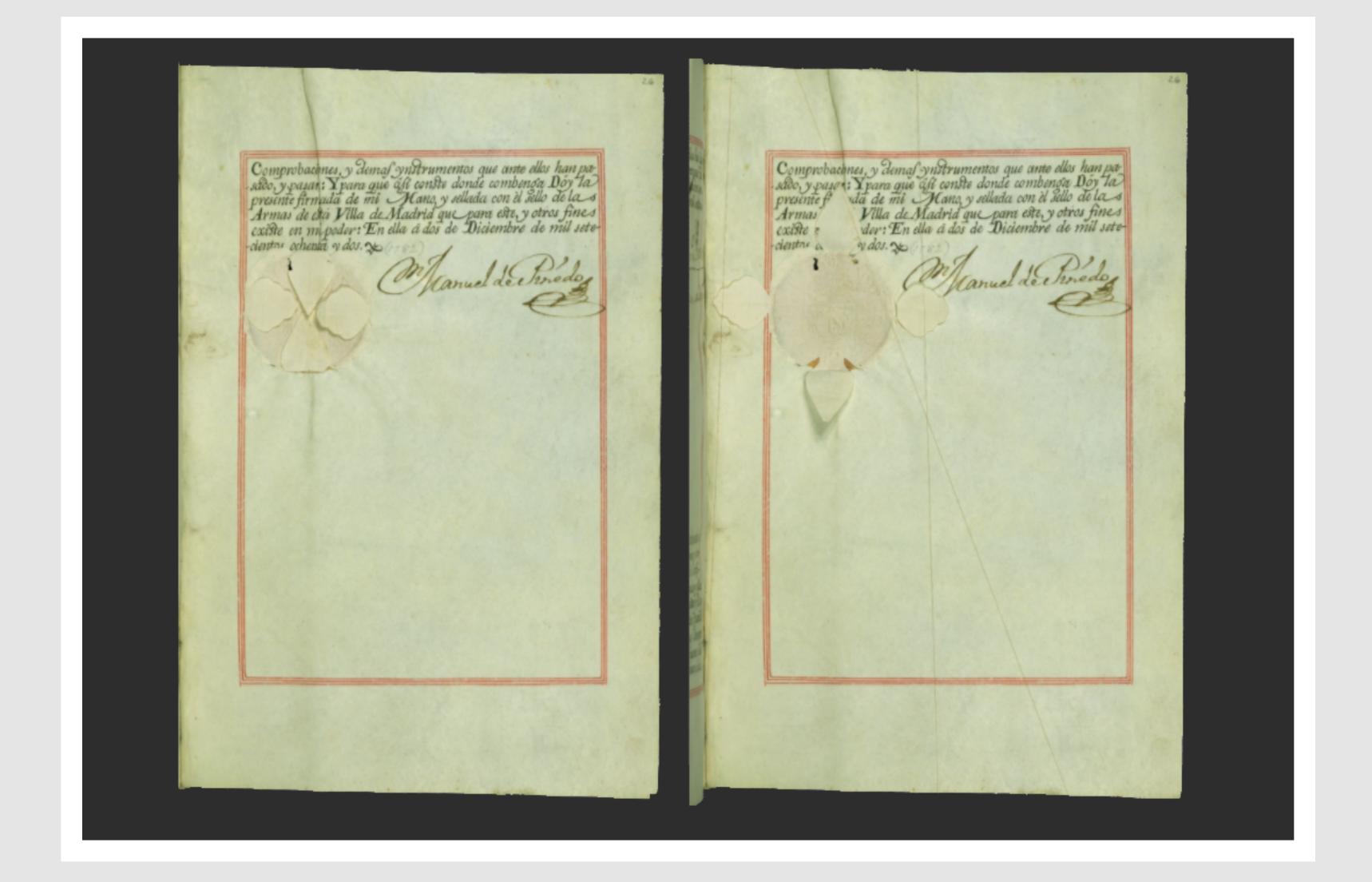
8

To understand project data width and depth, Byte creates Data Explorer, then builds manuscript viewer, applies rules to all manuscripts, discovers data exceptions including:

 Right to Left (1/3 of manuscripts are Arabic), but without data indicator



 Manuscript oddities, like fold-outs, missing pages, bookmarks, flyleafs, locks



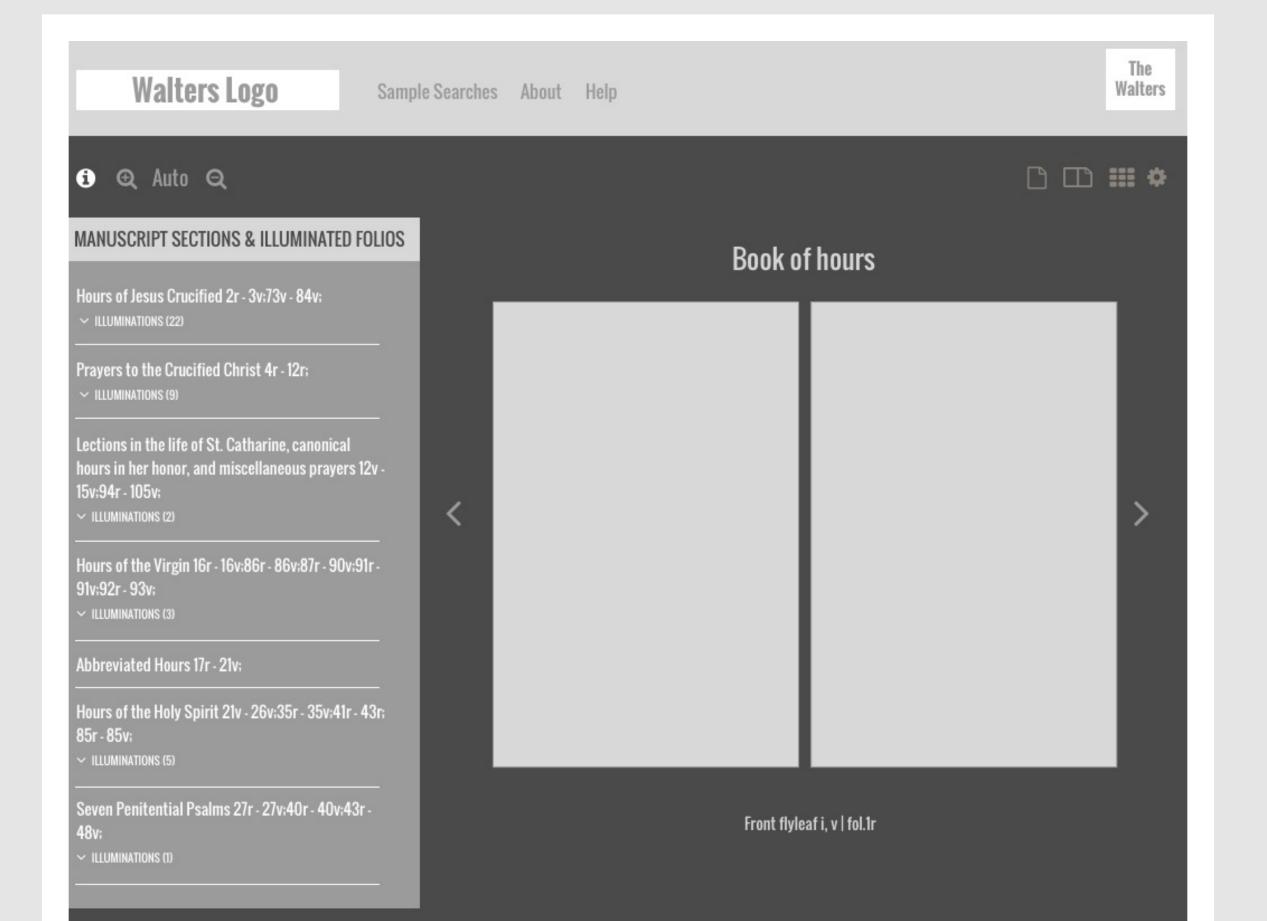
 Inconsistent chapter parsing to chapter titles / contents

Inconsistent page identifications

9 Byte builds wireframed keyword, search and manuscript viewer interfaces, solves UX problems and inconsistencies

Walters Logo	Sample Searches About Help	The Walters
SEARCH OUR MANUSCRIPTS		
REFINE BY KEYWORD CLEAR AL	ш 🗴	
Book Type	✓	
Century		
Culture	✓	
Descriptive Term	✓	
Geography	SAMPLE SEARCH	
Subject	CARTOGRAPHY	1
Other	·	
Search Manuscripts Search Illumunated Folios		
		< >

	R MANUSCRIPTS		Your search returned 212 Manu	scripts & O Illuminated Folios		
🗖 Flemish 📃	r spanisn I Timurid I Turkish		Freising Gospels w.4		Gospels of Abbot Dude	
German				Pellentesque maximus auctor		Pellentesque maximus auctor
Descriptive Term		V		elit convallis placerat. Nam congue sem non augue		elit convallis placerat. Nam congue sem non augue
				egestas porta. Aenean		egestas porta.
Accordian book	Humanistic			tempor erat et quam gravida.		Werden Germany
Album	Illustration			Freising, Germany		11th Century CE
Binding	Inhabited initial			Second half of the 19th Cent		
Calligraphy	Kufic					OPEN MANUSCRIPT $ \sim $
Caroline miniscule	Medallion			OPEN MANUSCRIPT \sim		
■ Chart ■ Charter	☑ Miniature ■ Musical notation					
Charts	New Abbasid style				Dook of hours w 100	
Colophon	Original binding				Book of hours w.102	
Drawing	Ornament		Reichenau Gospels w.7			Pellentesque maximus auctor
Early Abbasid script	Painting		1000 C	Pellentesque maximus auctor		elit convallis placerat. Nam congue sem non augue
Gloss Gothic	Ragini			elit convallis placerat. Nam		egestas porta.
Gothic book hand	Romanesque Scrapbook			congue sem non augue		
Grisaille	Scroll			egestas porta. Aenean		Resenburg, Germany Second quarter of the 11th
Grotesques	Textura			tempor erat et quam gravida.		century CE
Headpiece	Treasure binding			Reichenau Abbey, Lake		
Heraldry	Watermark			Constance, Germany		OPEN MANUSCRIPT \sim
Historiated Initial	White-vine lettering			Middle of the 11th century CE		
Geography		~		OPEN MANUSCRIPT ~		
coography				OPEN MANUSCRIPT ~		



	Other 🗸	Psalter w.23
		Pellentesque maximus auctor
YOUR COLLECTION		

<< return to search

YOUR COLLECTION

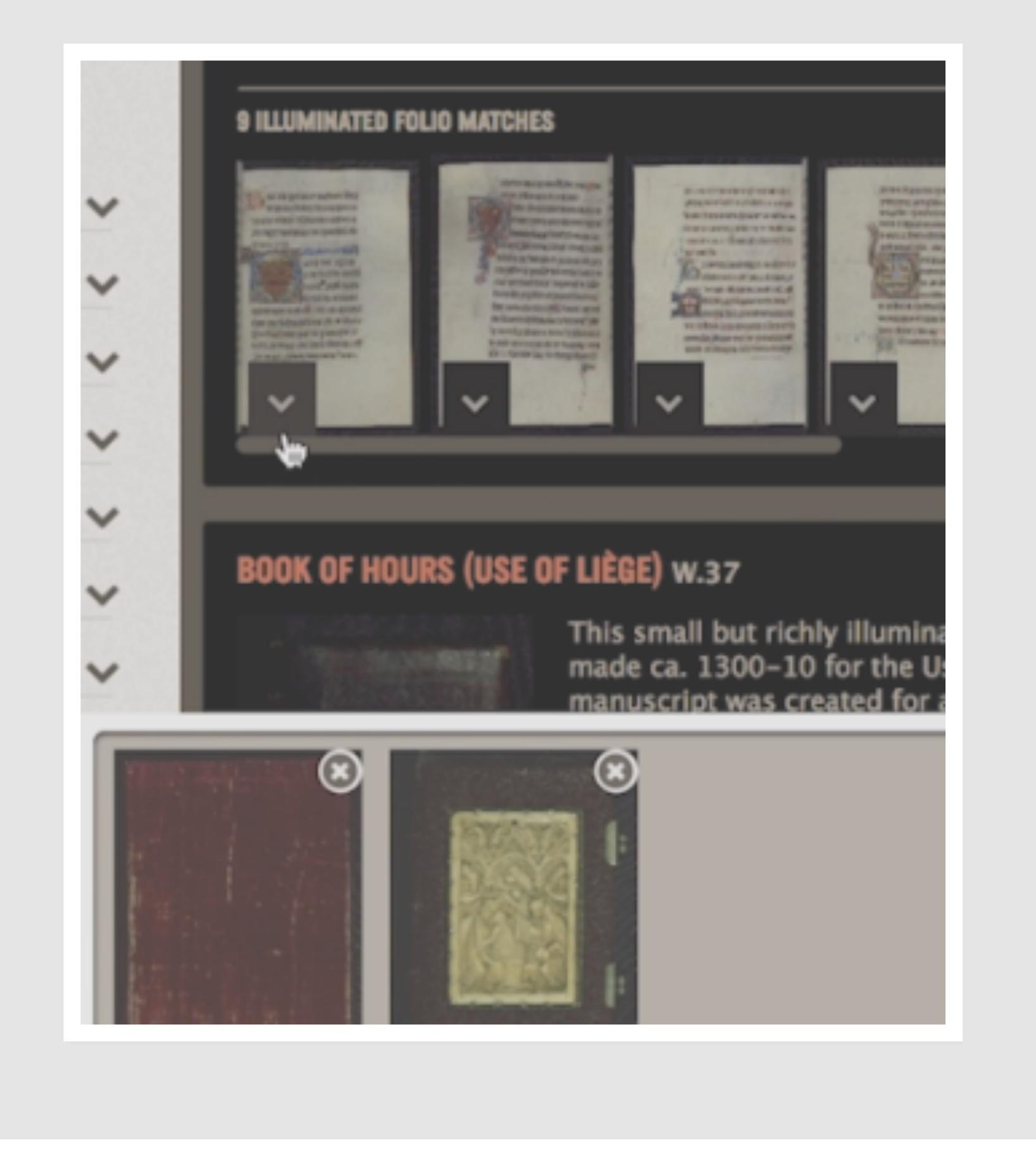
Book of hours w.102

KEYWORDS MANUSCRIPT OVERVIEW REFERENCES BINDINGS & ODDITIES Christian Miniature England Book of Hours English Abstract Grotesques Devotion 13th Century This finely illuminated and iconographically rich book of hours was made in England at the end of the thirteenth century. The manuscript is incomplete and misbound. Its main artist can also be found at work in a Bible (Oxford, Bodleian Library Ms. Auct. D. Origin Place Language 3.2) and a psalter (Cambridge, Trinity College Cambridge Ms. 0.4.16). The manuscript The primary language in this manuscript England contains a number of unusual texts, including the Hours of Jesus Crucified and the is Latin. The secondary language of this Office of St. Catherine. The patron of the manuscript is not clear; a woman is depicted as praying in many of the initials, but rubrics in the Office of the Dead mention Date manuscript is French, Old (842-ca.1400). "freres" (brothers). The imagery is inventive, and the Hours of Christ Crucified are Ca. 1300 CE graced with images depicting the funeral of Reynard the Fox in its margins. In the Provenance absence of a calendar, it is not possible to locate the origin of the manuscript Created in England, ca. 1300, for an Form precisely. unknown patron Henry Walters, Book Baltimore, purchased ca. 1930 Text Note Binding The original sequence of the parts of this manuscript cannot be reconstructed with Acquisition certainty. The Abbreviated Hours were followed by the Hours of the Holy Spirit, the Non-original Binding Seven Penitential Psalms, the litany and collects, the Fifteen Gradual Psalms, the Walters Art Museum, 1931, by Henry Office of the Dead, and the Hours of Jesus Crucified. Whether the Prayers to the Walters' bequest **Binding Description** Crucified Christ, which were followed by the lections in the life of St. Catharine, came Early twentieth-century worn before or after this sequence is an unanswered question. red velvet over pasteboard Hand Note Written in Gothic bookhand (textura semi-quadrata) Decoration Note One half-page line drawing; thirty-two historiated initials; minor decorated initials; line fillers; marginalia YOUR COLLECTION

10 Based on data and architecture, Byte adds

11 The Walters + Byte tests technical issues,

ability for users to pull manuscripts and folios into virtual personal collection, and ability to share users collections



re-importing data, user testing, dragon slaying, beta



The Walters

manuscripts.thewalters.org Ariel Tabritha & Kimber Wiegand 410-547-9000

Byte

bytestudios.com Michael Diedrick 414-892-2008

