



# e-codices

VIRTUAL MANUSCRIPT LIBRARY OF SWITZERLAND

## E-CODICES AND FRAGMENTARIUM. BUILDING FOR AND BUILDING UPON THE INTEROPERABILITY PARADIGM.

Visual approaches to cultural heritages

CERL Seminar at ETH Zürich on Wednesday 14 March 2018

William O. Duba and Maria Widmer, project managers



e-codices

Virtual Manuscript Library of Switzerland

mandated by **swissuniversities**

Vague but exciting ...

CERN DD/OC

Information Management: A Proposal

Tim Berners-Lee, CERN/DD

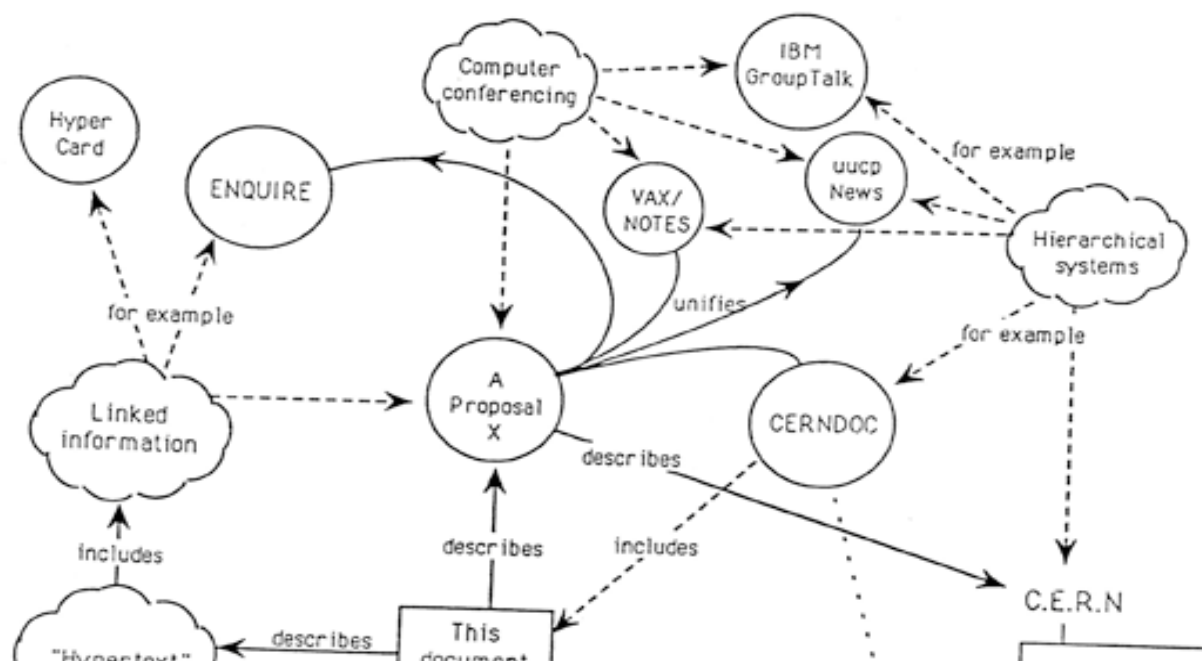
March 1989

## Information Management: A Proposal

### Abstract

This proposal concerns the management of general information about accelerators and experiments at CERN. It discusses the problems of loss of information about complex evolving systems and derives a solution based on a distributed hypertext system.

Keywords: Hypertext, Computer conferencing, Document retrieval, Information management, Project control



MAIL>

#58

1-MAR-1994 08:41:41.67

MAI

From: MX%"MDVLPHIL%LSUVM.BITNET@uga.cc.uga.edu"

To: WDUBA

CC:

Subj: Internet Sources for Medievalists

Return-Path: <@UGA.CC.UGA.EDU:owner-mdvlphil@LSUVM.SNCC.LSU.EDU>

Received: from uga.cc.uga.edu by vaxa.weeg.uiowa.edu (MX V3.3 VAX) with SMTP;  
Tue, 01 Mar 1994 08:25:43 CST

Received: from UGA.CC.UGA.EDU by uga.cc.uga.edu (IBM VM SMTP V2R2) with BSMT  
id 2059; Tue, 01 Mar 94 09:25:07 EST

Received: from UGA.CC.UGA.EDU (NJE origin LISTSERV@UGA) by UGA.CC.UGA.EDU  
(Lmail V1.1d/1.7f) with BSMT id 6436; Tue, 1 Mar 1994 09:21:00 -0500

Date: Tue, 1 Mar 1994 09:18:33 -0500

Reply-To: MEDIEVAL PHILOSOPHY AND POLITICAL THOUGHT LIST  
<MDVLPHIL%LSUVM.BITNET@uga.cc.uga.edu>

Sender: MEDIEVAL PHILOSOPHY AND POLITICAL THOUGHT LIST  
<MDVLPHIL%LSUVM.BITNET@uga.cc.uga.edu>

Comments: A VAX cluster with VMS V5.5-2, PMDF V4.2-10, JNET V3.6 & MU V3.2

From: Robert Michael <RMICHAEL@UMASSD.EDU>

Organization: University of Massachusetts Dartmouth, North Dartmouth, MA, USA

Subject: Internet Sources for Medievalists

X-To: mdvlphil@lsuvm.sncc.lsu.edu

To: Multiple recipients of list MDVLPHIL  
<MDVLPHIL%LSUVM.BITNET@uga.cc.uga.edu>

SHORT MEDIEVAL INTERNET SOURCEBOOK

Edited and compiled by Robert Michael (rmichael@umassd.edu), with most  
contributions provided by Robert Duncan (duncanj@skyfox.usask.ca)  
and Erwin K. Welsch (ewelsch@vms.macc.wisc.edu)

...

## Other Resources

### GOPHER:

ANSAXDAT - Memorial University, [gopher morgan.uccs.mun.ca](gopher:morgan.uccs.mun.ca)  
          /[Libraries & Electronic Publication/ANSAXDAT](#)  
          - Database, archives and resources for ANSAXNET

### ELECTRONIC IMAGES

Bodleian: [ftp rs1.ox.ac.uk](ftp:rs1.ox.ac.uk)  
          - Images from the Bodleian Library  
Dscriptorium: [ftp slow.inslab.uky.edu](ftp:slow.inslab.uky.edu)  
              /[Dscriptorium](#)

### ELECTRONIC TEXTS

Oxford Text Archive: [ftp ota.ox.ac.uk](ftp:ota.ox.ac.uk)  
                      /[ota](#)  
                      A collection of many texts. Order form  
                      required (can be obtained from this site)  
Gutenberg Project: [ftp ftp.usask.ca](ftp:ftp.usask.ca)

Press RETURN for more...



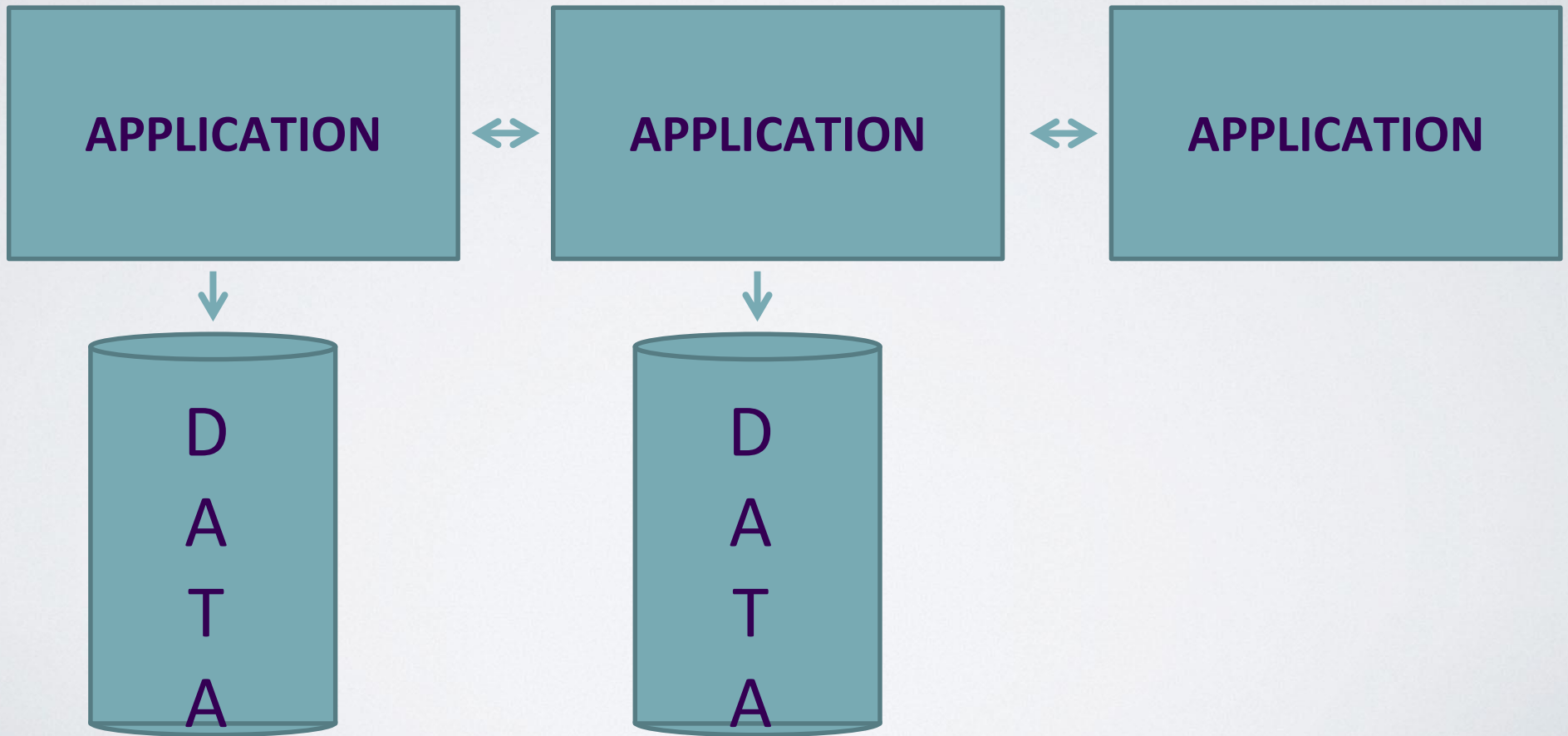


Etas q' eg-  
 gredientes a-  
 ni sunt dif-  
 ficiles ad  
 sanandum  
 propter ea que  
 aggrauantur  
 eo qui est  
 callus. et quia est in ueterum pene-  
 trans ab infiori usque ad finem. et quod  
 est uelox in his suis. et quod est positus  
 in infiori. Quia ergo est callus p-  
 uenit ad eum fecit omnia bona et  
 mouet ipsum et addit ita dolore ei. et  
 dimittit eum a quiete cui quia co-  
 plet receptio in uiam medicina-  
 ni et potest non facere rectificationem.  
 Et quod est in infiori difficilis fit ad he-  
 recta medicamentum ad ipsum. Et i-  
 qui est uelox in his suis multiplici-  
 tur dolore ei. Et multitudo dolo-  
 ris attrahit. Et qui est positus in  
 infiori facilis sit descensus sup-

erum cum apertis. Et nate exte-  
 riore sunt in eum. et per-  
 dis aut quedam sunt sanguine.  
 et quedam sunt non sanguine. Et dicitur  
 dunt emorordes in aptas fluere  
 et cum quibus res pluma in aptas  
 uenarum plumarum. et in uenas cecis  
 de quibus cum in uelox. Et pluma  
 quod emorordes ex me-  
 lia in sanguine medico. Et parum  
 gnant afflicte. Et cum gnant ab  
 eo gnant qui ipse sunt uelox. et qui  
 ipse sunt uelox in infiori piscium.  
 Et in uelox sunt in quibus ad  
 hoc ut fiat melia. et in uelox ad  
 sanguinem. et in uelox in uelox. et in uelox.  
 Et non est possibile ut accidat eo-  
 rordes nisi apertis officia uenarum  
 in ano. s. q' dicitur. et in uelox multipli-  
 cat cum uelox in uelox in regione  
 austina. Et non oportet quod ex emoror-  
 dibus apertis cum in uelox sanguis flu-  
 ens in uelox dicitur in uelox ad debili-

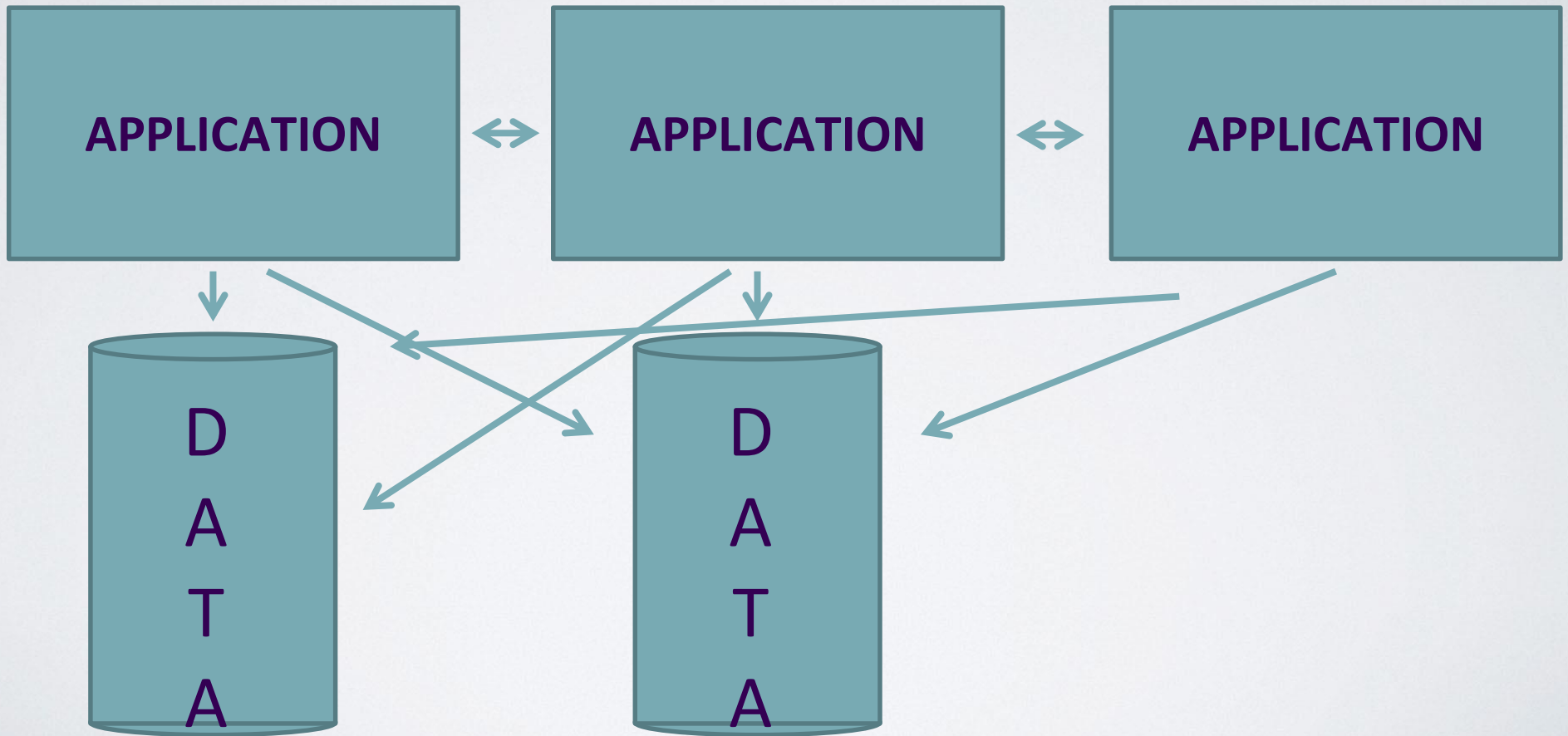
et l. cetera.

# Digital Libraries, First Generation





# Interoperable Digital Platforms





e-codices



**Fragmentarium**



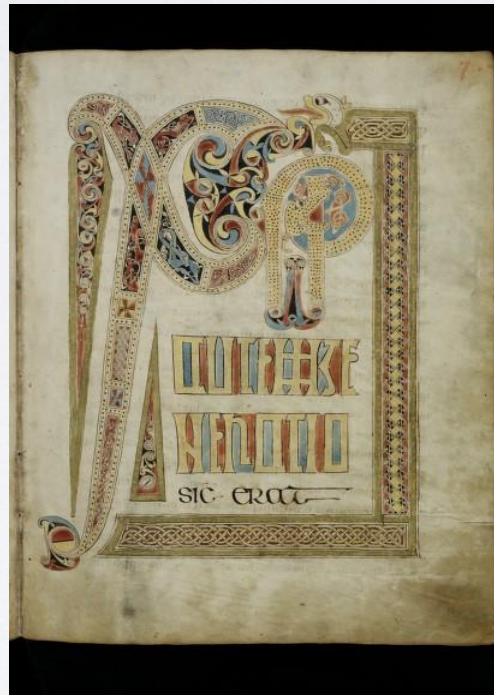


# HISTORY – 2005-2007

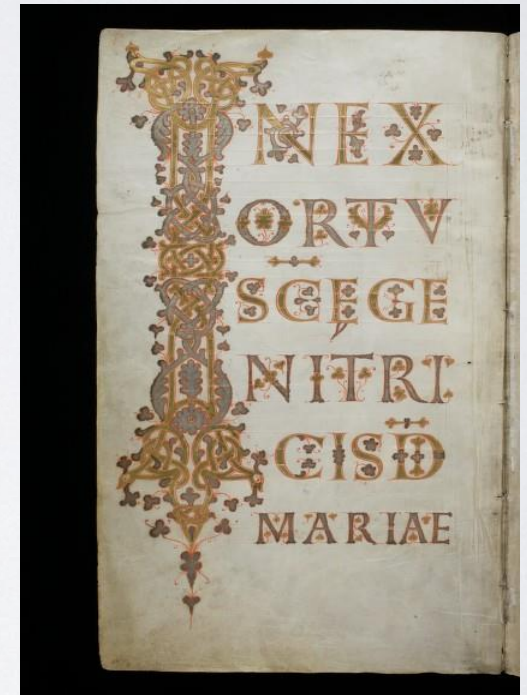
pilot project CESG – Codices Electronici Sangallenses (Digital  
Abbey Library of St. Gall)



[St. Gallen, Stiftsbibliothek, Cod. Sang. 23: Folchart Psalter \(Psalterium Gallicanum with Cantica\)](#)



[St. Gallen, Stiftsbibliothek, Cod. Sang. 53: Evangelium longum \(Evangelistary\)](#)



[St. Gallen, Stiftsbibliothek, Cod. Sang. 51: Irish Evangelary from St. Gall](#)



# HISTORY – 2008-2012

## Virtual Manuscript Library of Switzerland



# HISTORY – 2013-2016

- Part of swissuniversities' program “Scientific Information: Access, processing and safeguarding”
- New web application



# HISTORY – 2014: NEW WEB APPLICATION

e-codices v.1.29

The screenshot shows the e-codices v.1.29 website. On the left is a navigation menu with links: Home, Information, News, and Contact. Below the menu is a logo for the University of Freiburg and the e-lib.ch logo. The main content area has a header with the e-codices logo and the text 'Virtual Manuscript Library of Switzerland'. Below the header is a search bar with the text 'Search in manuscript descriptions:' and buttons for 'search' and 'Index of Authors'. A paragraph describes the goal of the virtual library: 'The goal of e-codices - Virtual Manuscript Library of Switzerland is to provide access to all medieval and selected early modern manuscripts of Switzerland via a virtual library. At the moment, the virtual library contains 1189 manuscripts from 47 different libraries. The virtual library will be continuously updated and extended.' Below this is a link for 'New feature - Annotation Tool: here'. A section titled 'Choose a virtual library or collection' contains a table with two columns: 'Location, Library' and 'Manuscripts'.

Location, Library	Manuscripts
<a href="#">All libraries and collections</a>	1189
<a href="#">Aarau, Aargauer Kantonsbibliothek</a>	13
<a href="#">Aarau, Staatsarchiv Aargau</a>	6
<a href="#">Basel, Universitätsbibliothek</a>	15
<a href="#">Bern, Burgerbibliothek</a>	31
<a href="#">Beromünster, Stiftskirche St. Michael</a>	4
<a href="#">Bremgarten, Stadtarchiv Bremgarten</a>	1
<a href="#">Cologne, Fondation Martin Bodmer</a>	118
<a href="#">Dalpe, Archivio parrocchiale</a>	1
<a href="#">Einsiedeln, Stiftsbibliothek</a>	68
<a href="#">Engelberg, Stiftsbibliothek</a>	56
<a href="#">Flawil, Gemeinde Flawil</a>	2
<a href="#">Frauenfeld, Kantonsbibliothek Thurgau</a>	16
<a href="#">Enbourg/Freiburg, Archives de l'Etat de Fribourg/Staatsarchiv Freiburg</a>	13

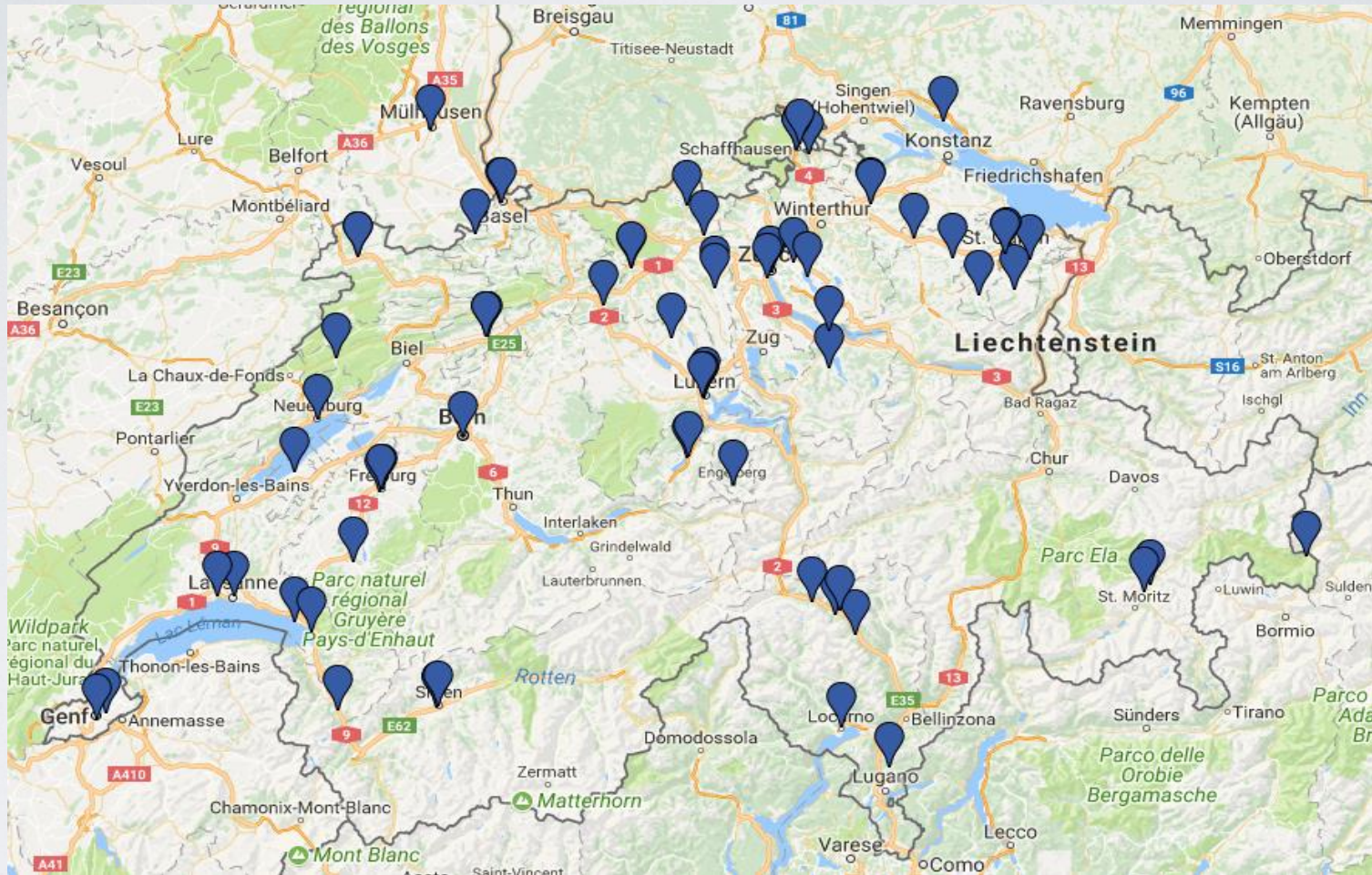
e-codices v.2.0

The screenshot shows the e-codices v.2.0 website. The header features the e-codices logo, a search bar, and a menu icon. Below the header is a banner image showing two medieval manuscripts. The main content area is titled 'Collections' and lists 'Swiss Collections'. Below this is a table with two columns: 'Location, Library / Collection' and 'Documents'.

Location, Library / Collection	Documents
<a href="#">All Libraries and Collections</a>	1947
<a href="#">Aarau, Aargauer Kantonsbibliothek</a>	18
<a href="#">Aarau, Staatsarchiv Aargau</a>	7
<a href="#">Appenzell, Landesarchiv Appenzell Innerrhoden</a>	5
<a href="#">Basel, Pharmazie-Historisches Museum der Universität Basel</a>	9
<a href="#">Basel, Universitätsbibliothek</a>	157
<a href="#">Bern, Burgerbibliothek</a>	53
<a href="#">Beromünster, Stiftskirche St. Michael</a>	4
<a href="#">Bever, Dorfarchiv Bever</a>	2
<a href="#">Bremgarten, Stadtarchiv Bremgarten</a>	1
<a href="#">Bulle, Musée grüérien</a>	5
<a href="#">Castro, Archivio parrocchiale</a>	1
<a href="#">Chavannes-près-Renens, Archives cantonales vaudoises</a>	2
<a href="#">Chironico, Archivio parrocchiale</a>	1



# March 2018: 1947 documents from 79 collections online



# NINE GUIDING PRINCIPLES

- 1) Manuscripts
- 2) Research Library
- 3) Switzerland
- 4) Multilingualism
- 5) Quality Reproductions
- 6) Quality Metadata and Search Functions
- 7) Interoperability
- 8) Manuscript Education
- 9) Open Access



# INTEROPERABILITY – PRINCIPLE

- “We seek to create the most comprehensive network possible and to enable automated sharing of images and metadata using a variety of interfaces.” [https://www.e-codices.ch/en/about/key\\_aspects](https://www.e-codices.ch/en/about/key_aspects)

# INTEROPERABILITY – MEASURES I

Old webapplication:

- Quality Metadata - Descriptions encoded in XML (TEI-P5)
- OAI interface
- Open Access



# INTEROPERABILITY— EXAMPLES

**isidore**

Vous êtes ici : Accueil > Annuaire > Sources

**FICHE DE LA COLLECTION**

**e-codices : bibliothèque virtuelle des manuscrits en Suisse**

Le but du projet e-codices est de mettre à disposition, dans une bibliothèque virtuelle, tous les manuscrits suisses du Moyen Âge et une sélection de manuscrits de l'époque moderne. Les manuscrits sont numérisés dans leur intégralité et accompagnés de descriptions scientifiques. Ceci permet d'avoir un instrument de travail orienté vers la recherche qui s'adresse aussi à toute personne intéressée.

**Organisation** Université de Fribourg  
**Pays** FR  
**E-mail** e-codices@unifr.ch  
**Données** Voir les ressources de cette collection

**LES SOURCES DE LA COLLECTION**

**35 sources**

**Aarau, Aargauer Kantonsbibliothek**  
 Cette source regroupe l'ensemble des collections numérisées disponibles dans le projet e-codices pour cette bibliothèque.

**Organisation** e-codices  
**Site web** http://www.e-codices.unifr.ch/fr/ist/aba  
**Type de source** Bibliothèque numérique  
**Périètre** Primaire  
**Données** Voir les ressources de cette source

**Aarau, Staatsarchiv Aargau**  
 Cette source regroupe l'ensemble des collections numérisées disponibles dans le projet e-codices pour cette bibliothèque.

**Organisation** e-codices  
**Site web** http://www.e-codices.unifr.ch/fr/ist/saa  
**Type de source** Bibliothèque numérique  
**Périètre** Primaire  
**Données** Voir les ressources de cette source

**AU HASARD DANS LA COLLECTION**

Pas de données pour l'instant.

**The European Library**  
 Connecting knowledge

Um ölkur ASÍD Þýtt samstarfsaðila Innviðuning Íslenska (s)

Leita... **GO** **Search**

**HOME DISCOVER ACCESS OUR DATA**

Home → Search for "Everything" **Newspapers Collections Full text Remote Search**

**Related Concepts:** Massachusetts Anti-Slavery Society (Organization) La Sierra Amorosa Kymentti Zinoviy (Person) More...

You are looking at 20 items out of 882 with contributor **e-codices** (total time: 0.025 seconds)

**St. Gallen, Stiftsbibliothek, Cod. Sang. 412 : Book of Matins from the 13th century. Abbey of St. Gall**  
 e-codices 1901-1900 Access Online [+](#)

**St. Gallen, Stiftsbibliothek, Cod. Sang. 459 : Computational/scientific compilation with numerous tables, schematic**  
 e-codices Walafridus Strabo; Columbanus Sandius; Bede Venerabilis 9801-1000 Access Online [+](#)

**St. Gallen, Stiftsbibliothek, Cod. Sang. 103 : Maître Chiquart, Du fait de cuisine, 1420**  
 e-codices Chiquart, Deschamps, Eustache; Vergilius Maro, Publius 1436-1485 Access Online [+](#)

**Thumbnail Gallery**

**PRENGJA**

Search within results **GO**

**Contributor: e-codices**  
 Accessibility  
 Access Online (882)  
 Thumbnail Available (882)

**Discipline**  
 Language  
 Contributor  
 Collection

**YEAR OF PUBLICATION**

**APPA**

**Zoom**

**(BnF) Gallica**

Rechercher... **Rechercher...**

Accueil > 1 646 résultats page 1 sur 110

**Ma recherche initiale**

Recherche simple :  
 Orti der Beratung  
 e-codices  
 Dokumenttyp  
 -manuscrit  
 Liste de résultats  
 -Exakte Suche

**RESULTATS**

Documents consultables en ligne (1 646)

**AFFINER** Exporter

Rechercher dans ces résultats

**Site de consultation**  
 e-codices (1 646)

**Type de document**  
 Manuscrits (1 646)

**Auteur**  
 Langue  
 Type d'écrits

**Affichage** Trier par : Pertinence 1 sur 110 15 résultats par page

**1** Zürich, Schweizerisches Nationalmuseum, LM 51702 : Fragment d'un Livre d'Heures - deuxième moitié du XIVe siècle : notbefore 1450 : notAfter 1459  
 Document accessible sur le site de e-codices [+](#)  
 Informations détaillées [e-codices](#)

**2** St. Gallen, Stiftsarchiv (Abtei Pfäfers), Cod. Fab. III : Lectionarium misse - première moitié du XIe siècle : notbefore 1000 : notAfter 1049  
 Document accessible sur le site de e-codices [+](#)  
 Informations détaillées [e-codices](#)

**3** Schlatt, Eisenbibliothek, Ms 28 : Registre manuscrit, contenant plus de 70 notariats, concernant Bollène, Département Vaud - 1421 : notbefore 1421 : notAfter 1421  
 Document accessible sur le site de e-codices [+](#)  
 Informations détaillées [e-codices](#)

**dms** Stanford's digital manuscripts index

Bookmarks (0) History Login

Search... **Search Q**

**Limit your search**

**Collection**

Parker Medieval Manuscripts 561  
 Swiss Medieval Manuscripts 481  
 Roman de la Rose Digital Library 133  
 Lund Medieval Manuscripts 70  
 Bibliothèque nationale de France (BNF) Goodspeed Manuscript Collection 16  
 Oxford Medieval Manuscripts 4

**Settlement**  
**Renositor**

You searched for: Collection > Swiss Medieval Manuscripts **X** **Start Over**

« Previous | 1 - 10 of 481 | Next » **10 per page**

**1. Porrentruy, Bibliothèque cantonale jurassienne, Ms. 18**  
 Description URL | Image URL | IIIF  
 Collection: Swiss Medieval Manuscripts  
 Manuscript Identifier: Ms. 18  
 Manuscript Title: Graduale  
 Origin Date: Avant 1160-1170  
 Material: parch [Bookmark](#)

**2. Porrentruy, Bibliothèque cantonale jurassienne, Ms. 34**  
 Description URL | Image URL | IIIF [Bookmark](#)

# INTEROPERABILITY – MEASURES II

New application:

- SharedCanvas Data Model
- Loris Image Server with integrated International Image Interoperability Framework API (<http://iiif.io/>)









Virtual Manuscript: [sine loco], codices restituti / Cod. 3 (Biblia Theodulfi, Fragmenta) – Biblia latina (Vulgata recensione Theodulfi),...

Physical Manuscript: Solothurn, Staatsarchiv / R 1.5.40 – Biblia latina (Vulgata recensione Theodulfi). Fragmenta. / f. R 1.5.40-1



Page:

R 1.5.40-1



View Mode:



Open in Mirador



Thumbnails



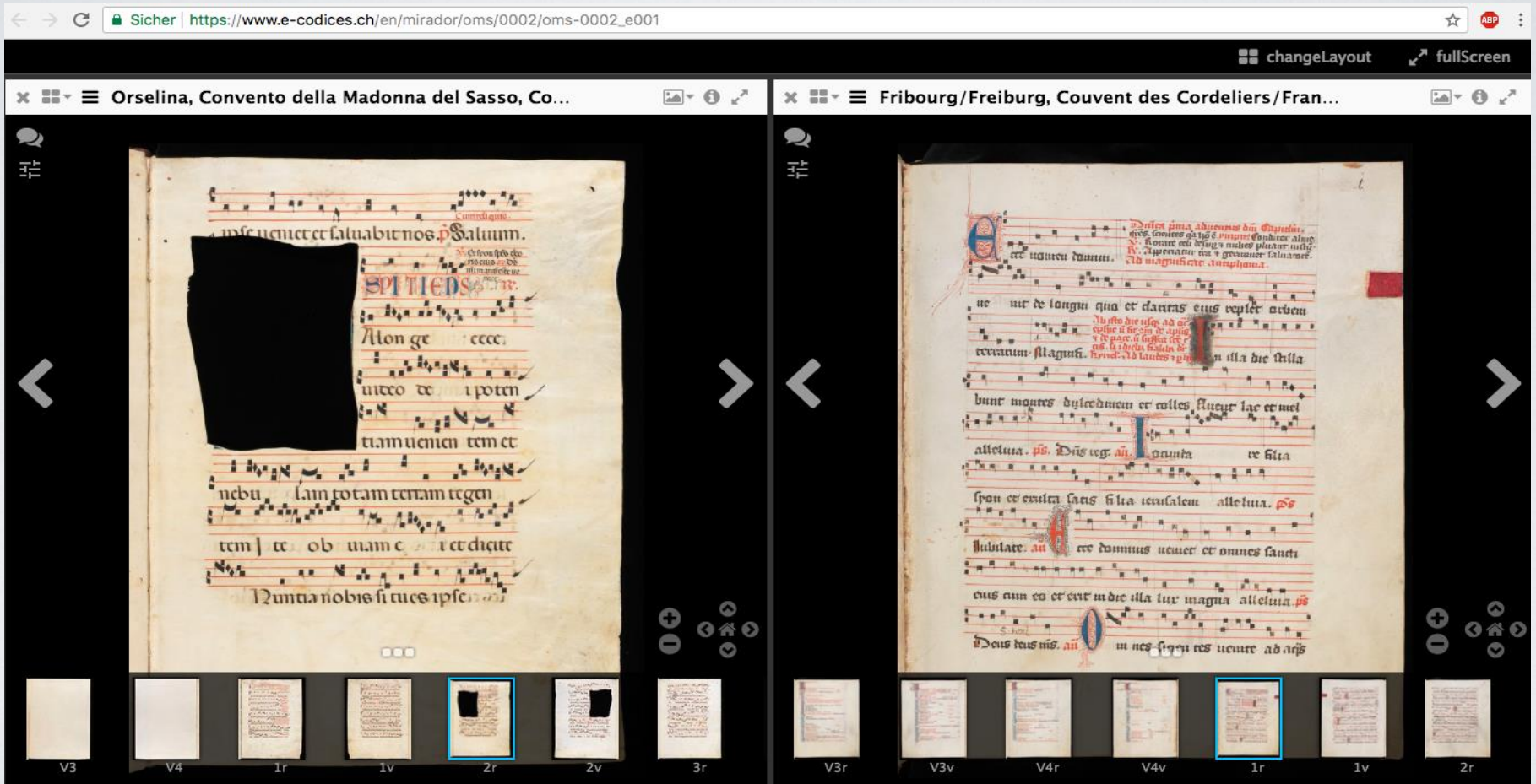


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              "@language": "en"
            },
            {
              "@value": "version restaurata (immagini d'aprile 2009)",
              "@language": "it"
            }
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  ]
}
```



## INTEROPERABILITY – IMAGES

Example: Mirador (<http://projectmirador.org/>)





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[SEARCH & BROWSE](#)
[PERSON & PLACES](#)
[ABOUT](#)


# Fragmentarium

## Digital Research Laboratory for Medieval Manuscript Fragments

Fragmentarium enables libraries, collectors, researchers and students to publish images of medieval manuscript fragments, allowing them to catalogue, describe, transcribe, assemble and re-use them.



### Case study 7: Fragments with Musical Notation in the Herzog August Bibliothek

The Wolfenbüttel collection – two boxes full of music – offers a comprehensive collection of liturgical manuscripts spanning the period from the eleventh to the early seventeenth century. Although at first glance many of the manuscripts seem rather sober, they provide candid testimony to the development of ecclesiastical libraries, even if only in a few cases their place of origin can be identified. Moreover, these documents record the liturgical practice, and through it, the cultural heritage of Central Europe. Antje Hoffmann (Weimar) received her MA in musicology in 2015. In addition to her studies, she has worked at the Free State of Thuringia Music Archive Weimar, the library of the University of Music FRANZ LISZT Weimar, and for several projects...

[+ Show more](#)



## NEWS

14

FEB  
2018

### Simmons College Students Reconstruct Book of Hours

Lisa Fagin Davis' Simmons Library Science students have published their [reconstruction](#) of part of [Otto Ege's](#) "50 Original Leaves" no 30, by uploading, cataloguing, and sequencing 27 known leaves from 27 different collections. Their work validates *Fragmentarium's* promise, both as a platform for reconstructing massively dispersed manuscripts and as an instrument for bringing research into the

## UPCOMING EVENTS

8

MAR  
2018

### Berner Mittelalter Zentrum, Bern

Fragmentarium director Prof. Dr. Christoph Flüeler will speak on "Digital Research Laboratory for Medieval Manuscript Fragments" [...]

14

MAR  
2018

### Visual Approaches to Cultural Heritage, ETH Zurich

Project managers William Duba (Fragmentarium)





São Leopoldo, UNISINOS  
Memorial Jesuíta, 338215

Plutarch, Philopoemen

[http://www.fragmentarium.ms  
/view/page/F-wzqn/624/10415](http://www.fragmentarium.ms/view/page/F-wzqn/624/10415)





Book of Hours (Use of Paris)

Cleveland, OH, Cleveland  
Public Library, F Z109. E304

[http://www.fragmentarium.  
ms/view/page/F-  
qux7/633/10444](http://www.fragmentarium.ms/view/page/F-qux7/633/10444)



Philadelphia, Free Library of Pennsylvania

Lewis E M 5:01

Fragment from a Biblical Commentary

<http://www.fragmentarium.ms/view/page/F-kxvs/618/10396>







Chartres, Médiathèque  
l'Apostrophe, Ms. 54

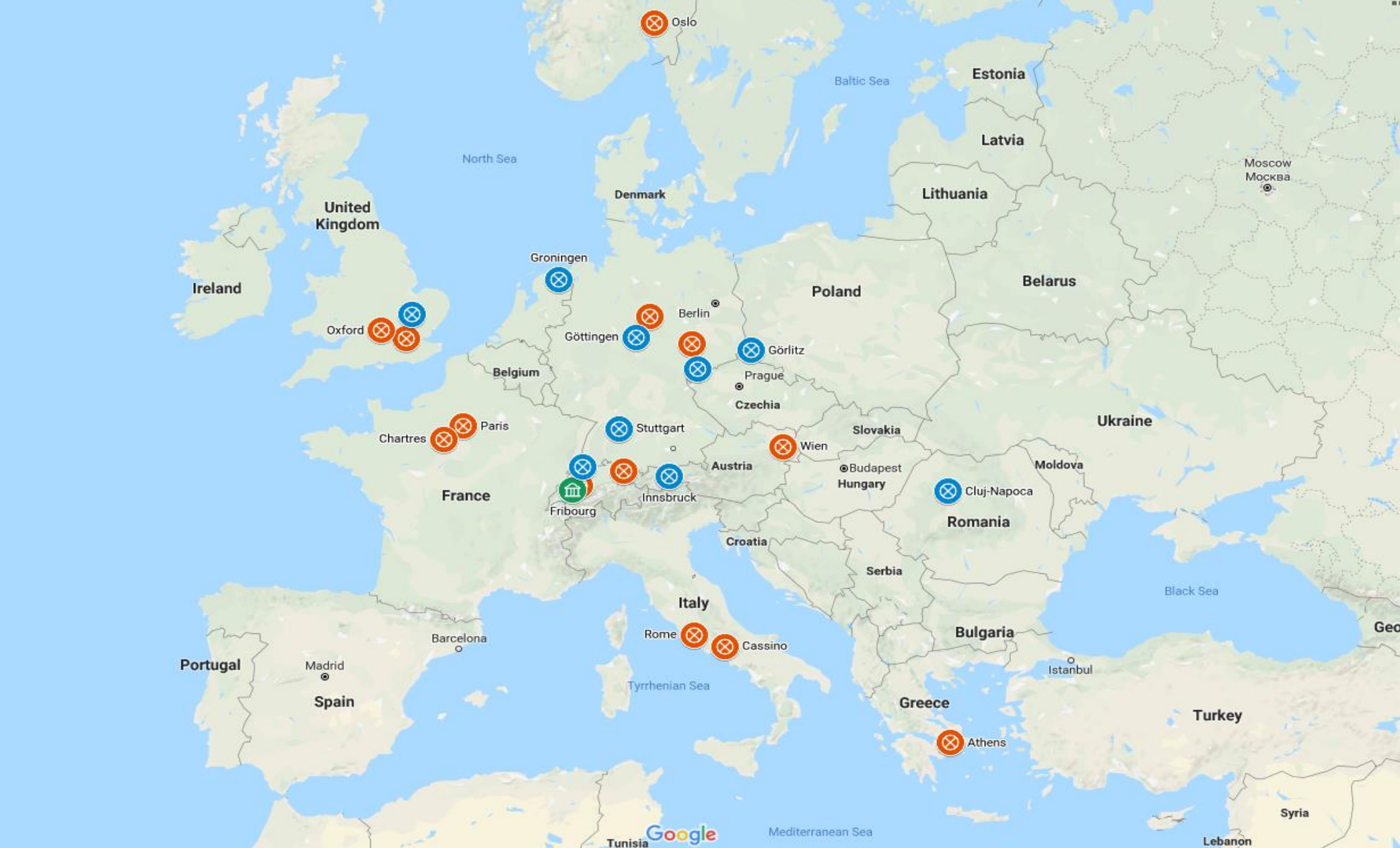
Origenes, Explanatio  
super Pauli epistolam  
ad Romanos

<http://www.fragmentarium.ms/view/page/F-qhsb/507/7394>  
(à paraître)

# FRAGMENTARIUM: PROJECT HISTORY

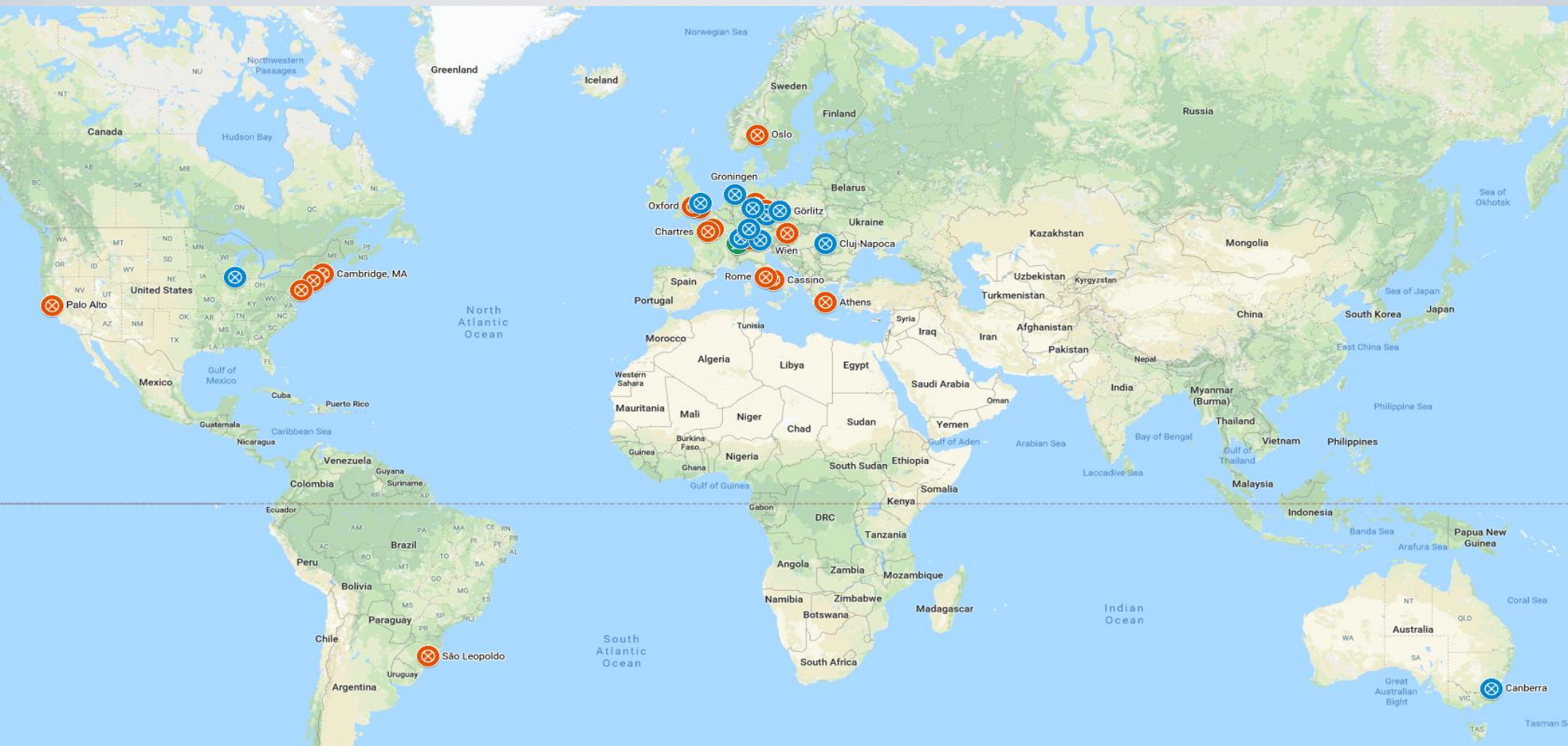
- January 2014: First Planning Meeting, Geneva
- June 2015: Project Start
- June 2016: First Case Study Workshop, Fribourg
- May 2017: Second Case Study Workshop, Wolfenbüttel
- September 2017: Fragmentarium Launch, Second Planning Meeting, St. Gallen
- Spring 2018: Launch of *Fragmentology* E-Journal
- Autumn 2018: Third Case Study Workshop
- December 2018: End of Phase I
- January 2019: *Fragmentarium* Phase II





Current (Red) and Planned (Blue) Collaborations, Europe





Current (Red) and Planned (Blue) Collaborations, Worldwide





Book of Hours (Use of Paris)

Cleveland, OH, Cleveland  
Public Library, F Z109. E304

[http://www.fragmentarium.  
ms/view/page/F-  
qux7/633/10444](http://www.fragmentarium.ms/view/page/F-qux7/633/10444)



# Manuscript Road Trip

[HOME](#) [ABOUT LISA FAGIN DAVIS](#) [ABOUT THIS BLOG](#)



← [Manuscript Road Trip: The New Bedford Hours](#)

FEBRUARY 25, 2018 · 12:39 PM

[↓ Jump to Comments](#)

## Fragmentarium: a Model for Digital Fragmentology



The Flight into Egypt, Walters Art Museum, MS W.188, f.112r

In the early 1990s, I was a graduate student at Yale working on a PhD in Medieval Studies. My dissertation focused on a fragmentology project, although that word would not be coined for decades. Seventeen leaves from a twelfth-century antiphonal from the Austrian Benedictine abbey of Lambach (on the Danube about halfway between Salzburg and Vienna) had made

their way to Yale's Beinecke Rare Book and Manuscript Library, and for my thesis I reconstructed the manuscript as much as possible – adding to the [seventeen Yale leaves](#) four leaves still in Lambach, two in the abbey of St-Paul-

### Recent Posts

- [Fragmentarium: a Model for Digital Fragmentology](#)
- [Manuscript Road Trip: The New Bedford Hours](#)
- [Manuscript Road Trip: Be on the Lookout!](#)
- [Manuscript Road Trip: Flagellants, Thieves, a War Refugee, and a Very Unscrupulous Bookdealer](#)
- [Manuscript Road Trip: Back to Lima](#)

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[Fragmentarium: a Mod... on Manuscript Road Trip: Flagella...](#)



[D.N. O'Donovan on Manuscript Road Trip: Flagella...](#)



[Peter on Fragmentarium: a Model for Dig...](#)



[Lisa Fagin Davis on Fragmentarium: a Model for Dig...](#)



[Lisa Fagin Davis on](#)



## dplrecreated

February 28, 2018 at 5:47 am



It works. I had a look at the Fragmentarium site and the latest additions. One looked familiar and matched 3 leaves I had out at the time (it probably isn't always this easy).

I think Harvard University, Houghton Library, MS Typ 959 –

<http://fragmentarium.ms/overview/F-2wsc>

is a match for our Elliott MS 2/1-3

<https://n2t.durham.ac.uk/ark:/32150/t2m6q182k16v.html>

which makes a case for identifying the Harvard leaf as coming from a Gradual formerly at Bradford Academy

<https://sdbm.library.upenn.edu/entries/33781>

[Reply](#)

## Lisa Fagin Davis

February 28, 2018 at 7:14 am



This is amazing!!! Have you contacted Bill Stoneman at Houghton with this news? He will be thrilled!

[Reply](#)



Search ...

All Fragmentarium

SEARCH & BROWSE

PERSON & PLACES

ABOUT



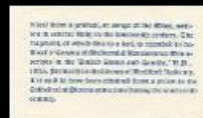
Gradual, Cambridge, MA, Harvard University, Houghton Library, MS Typ 959, 1

Metadata

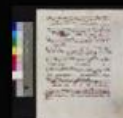


► Thumbnails

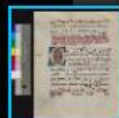




printed ca...



2/1r



2/1v



2/2r



2/2v



2/3r



2/3v

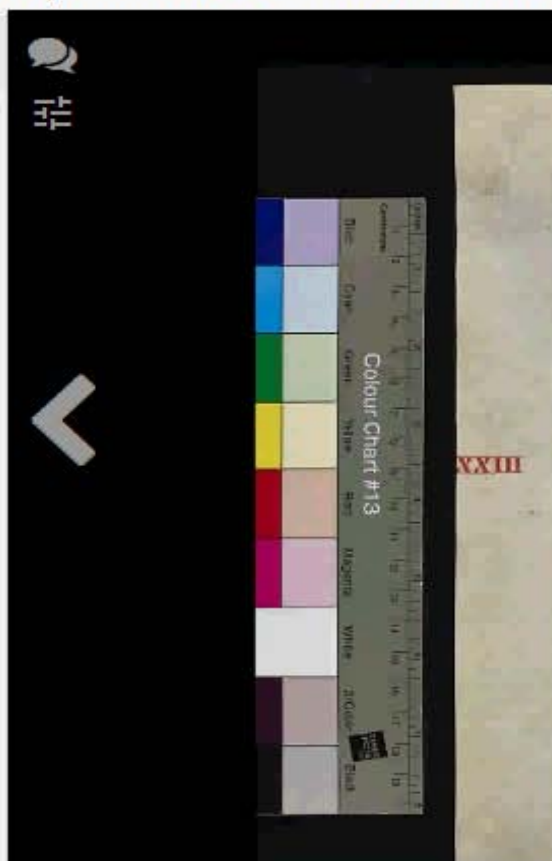


## Durham University Library Elliott MS 2 - 3 Gradual leaves



Index Layers

No index available



<http://creativecommons.org/licenses/by-nc-nd/4.0/legalcode>

*Attribution:*

Durham University Library

*Logo:*



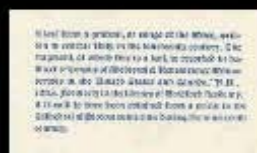
*Links:*

*Related:*

[Catalogue record](#)

*Within:*

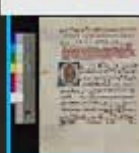
<https://iiif.durham.ac.uk/manifests/trifle/collection/32150/t2c2r36tx52q>



printed ca...



2/1r



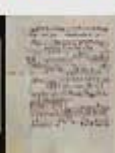
2/1v



2/2r



2/2v



2/3r





Select manuscript from this collection:



F-81my



2/7

## Bradford Gradual – Reconstructed Quire/Book

Parchment · 4 leaves · 1401 – 1500 CE · Central Italy · 310 x 230 mm

F-81my

Multiple, Dispersed Virtual Reconstructions,

**Permalink:** <http://fragmentarium.ms/overview/F-81my>

 <http://fragmentarium.ms/metadata/iiif/F-81my/manifest.json>

### Image Rights:



### How to quote:

Multiple, Dispersed Virtual Reconstructions, – Bradford Gradual  
(<http://fragmentarium.ms/overview/F-81my>)

**Online Since:** 03/11/2018

### Scholarly description(s):

- not available

**F-81my is a reconstruction of:**

### Social Tags

There are no social tags for this document.

### Century:

15th century

### Text Language:

Latin

### Script Type:

Southern Textualis

### Liturgica:

Gradual

### Summary:

Identification of MS by Dr. Richard Higgins, Durham University

# QUESTIONS ? CONTACT:



Website:

- [www.e-codices.ch](http://www.e-codices.ch)
- [www.fragmentarium.ms](http://www.fragmentarium.ms)



E-mail:

- [maria.widmer@unifr.ch](mailto:maria.widmer@unifr.ch)
- [william.duba@unifr.ch](mailto:william.duba@unifr.ch)