

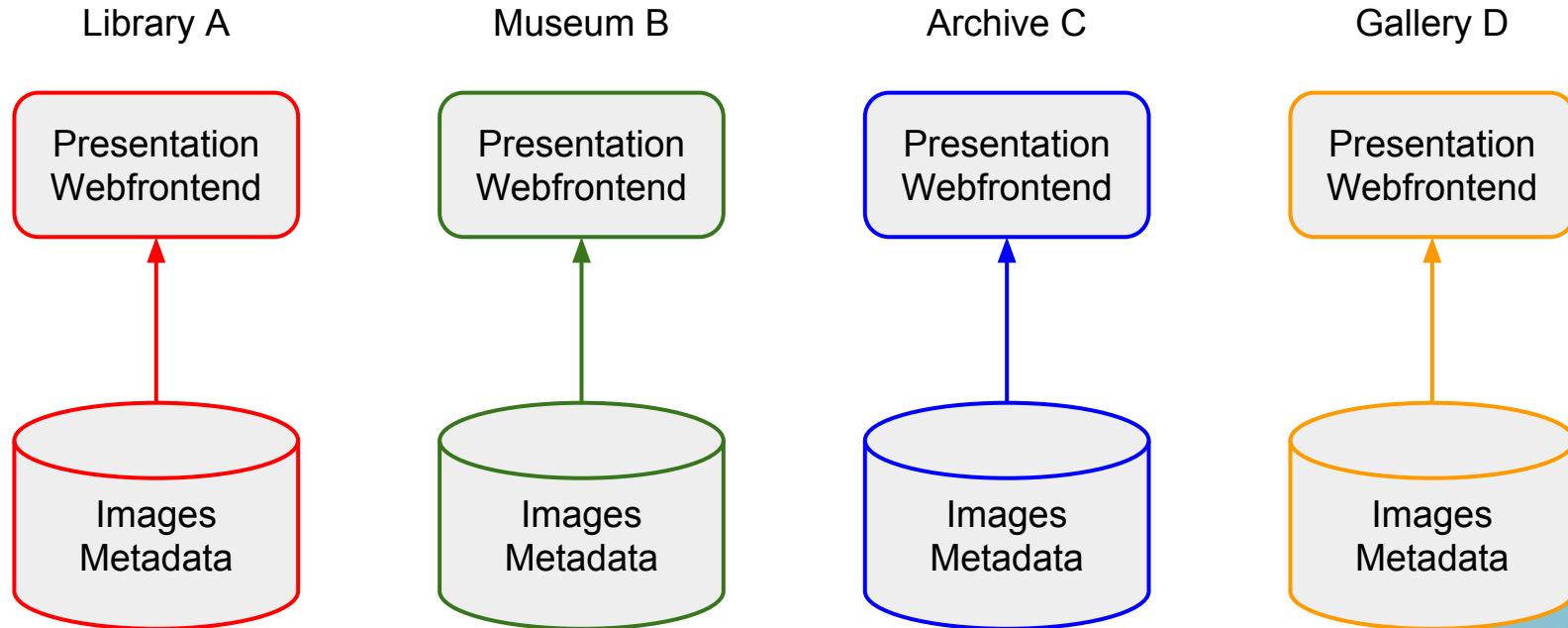


INPUT SESSION

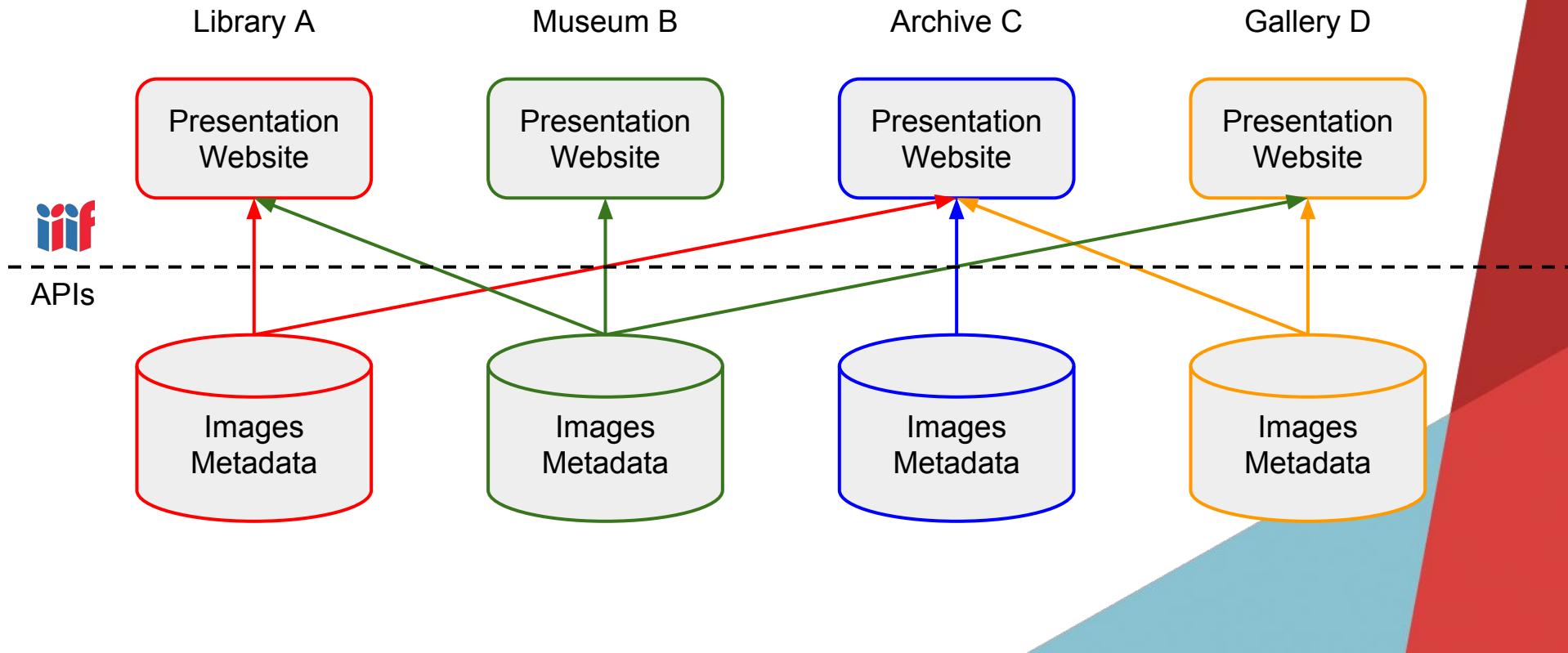
International Image Interoperability Framework

2018-04-15, Leander Seige

Oberflächenorientierte Webpräsentationen



Die Idee von IIIF: interoperable APIs für Digitalise



IIIF Community

Consortium

- Stanford University Libraries
- The British Library
- Bodleian Libraries at Oxford
- Bayerische Staatsbibliothek
- Bibliothèque nationale de France
- Vatikanische Bibliothek
- u.v.m.

Community

- Universitätsbibliotheken
- Nationalbibliotheken
- Museen, Archive
- Archive.org
- u.v.m.

<http://iiif.io/community>

APIs

- **Pixel: IIIF Image API 2.1** (Core API)
- **Struktur- und Metadaten: IIIF Presentation API 2.1** (Core API)
- Suchen in Annotationen: IIIF Search API 1.0
- Authentifizierung: IIIF Authentication API 1.0

CC-BY, <http://iiif.io/technical-details/>

Presentation API

Presentation API

- Structure
 - Collection, Item, Sequence, Parts
- Properties
 - Labels, description, license, attribution, links

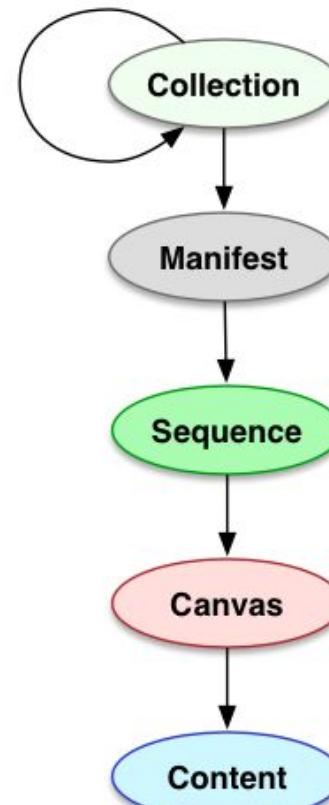
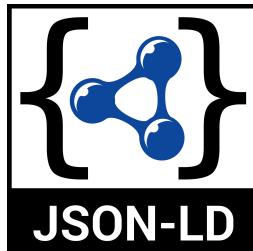


Bild: Tom Cramer, Stanford University Libraries

Beispiel Collection - Collections

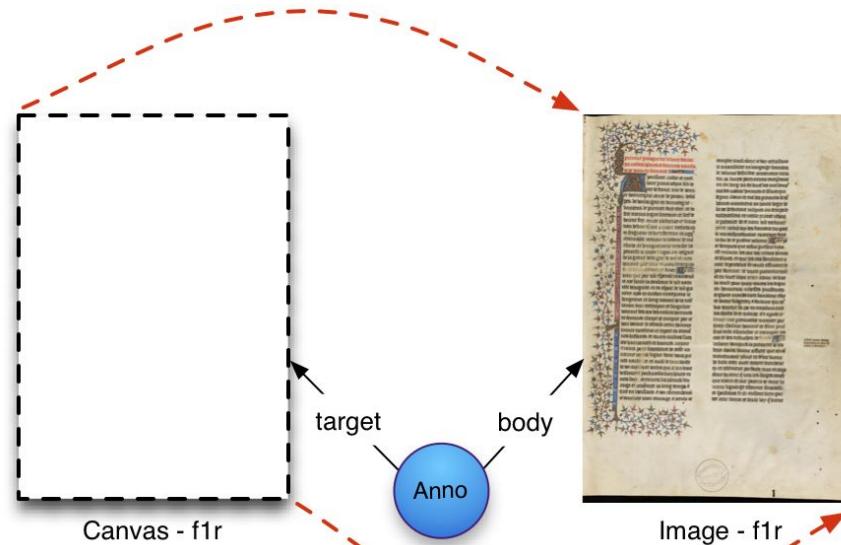
```
{  
  @context: "http://iiif.io/api/presentation/2/context.json",  
  @id: "https://digital.library.villanova.edu/Collection/vudl:3/IIIF",  
  @type: "sc:Collection",  
  label: "Villanova Digital Library",  
  - collections: [  
    - {  
      label: "Americana",  
      @id: "https://digital.library.villanova.edu/Collection/vudl:14572/IIIF",  
      @type: "sc:Collection"  
    },  
    - {  
      label: "Autographed Books Collection",  
      @id: "https://digital.library.villanova.edu/Collection/vudl:2426/IIIF",  
      @type: "sc:Collection"  
    },  
    - {  
      label: "Catholica Collection",  
      @id: "https://digital.library.villanova.edu/Collection/vudl:2427/IIIF",  
      @type: "sc:Collection"  
    }  
  ]  
}
```

Beispiel Collection - Manifste

```
{  
  "@context": "http://iiif.io/api/presentation/2/context.json",  
  "@id": "http://iiif.ub.uni-leipzig.de/collections/misc/cdvost2018.json",  
  "@type": "sc:Collection",  
  "label": "Auswahl illuminierter mittelalterlicher Handschriften",  
  "description": "Auswahl illuminierter mittelalterlicher Handschriften der Universitaetsbib  
  Leipzig. Aufbereitet anlaesslich Coding da Vinci Ost 2018. Kontakt: https://www.ub.uni  
  attribution": "Public Domain Mark 1.0",  
  "logo": "http://iiif.ub.uni-leipzig.de/ubl-logo.png",  
  "manifests": [  
    {  
      "@id": "https://iiif.ub.uni-leipzig.de/000002636/manifest.json",  
      "@type": "cs:Manifest",  
      "@label": "Ms 13"  
    },  
    {  
      "@id": "https://iiif.ub.uni-leipzig.de/000002974/manifest.json",  
      "@type": "cs:Manifest",  
      "@label": "Ms 14"  
    },  
    {  
      "@id": "https://iiif.ub.uni-leipzig.de/000003000/manifest.json",  
      "@type": "cs:Manifest",  
      "@label": "Ms 15"  
    }  
  ]  
}
```

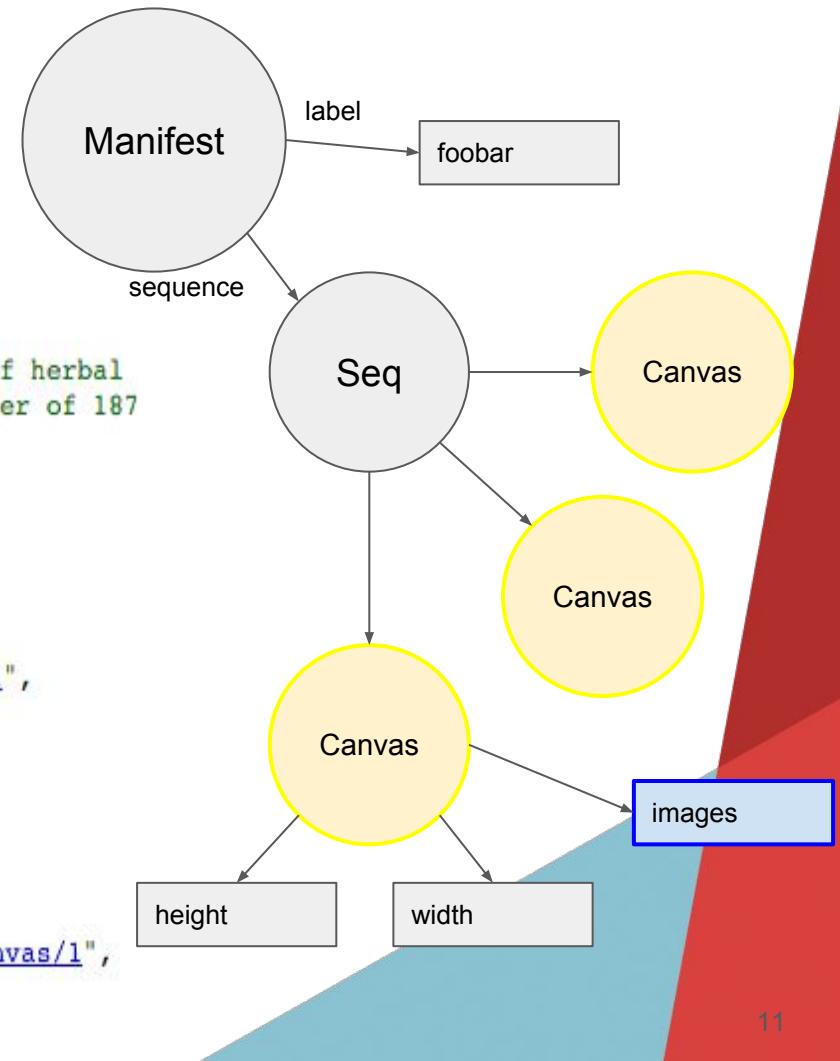
Shared Canvas Data Model

- Linked Data based approach (JSON-LD)
- globally unique identifiers: HTTP URIs



IIIF-Manifeste

```
{  
  @id: "http://iiif.ub.uni-leipzig.de/0000000001/manifest.json",  
  @type: "sc:Manifest",  
  description: "The Papyrus Ebers is an Egyptian medical papyrus of herbal  
  of ancient Egypt, it was purchased at Luxor (Thebes) in the winter of 187  
  Leipzig, in Germany. (source: Wikipedia)",  
  logo: "http://iiif.ub.uni-leipzig.de/ubl-logo.png",  
  label: "Papyrus Ebers",  
  attribution: "Leipzig University Library",  
  - sequences: [  
    - {  
      @id: "http://iiif.ub.uni-leipzig.de/0000000001/sequence/1",  
      @type: "sc:Sequence",  
      - canvases: [  
        - {  
          label: "Papyrus Ebers",  
          @type: "sc:Canvas",  
          width: "158530",  
          @id: "http://iiif.ub.uni-leipzig.de/0000000001/canvas/1",  
          height: "2827",  
          - images: [  
            - {  
              label: "foobar"  
            }  
          ]  
        }  
      ]  
    }  
  ]  
}
```

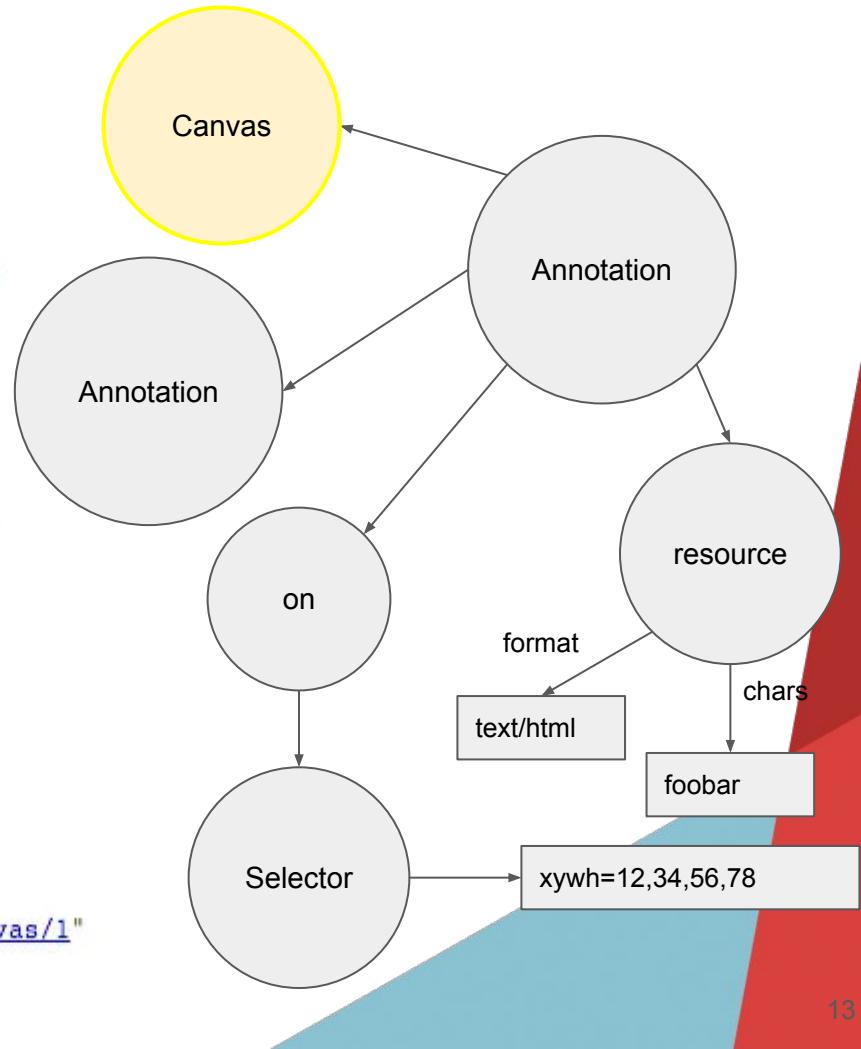


IIIF-Manifeste

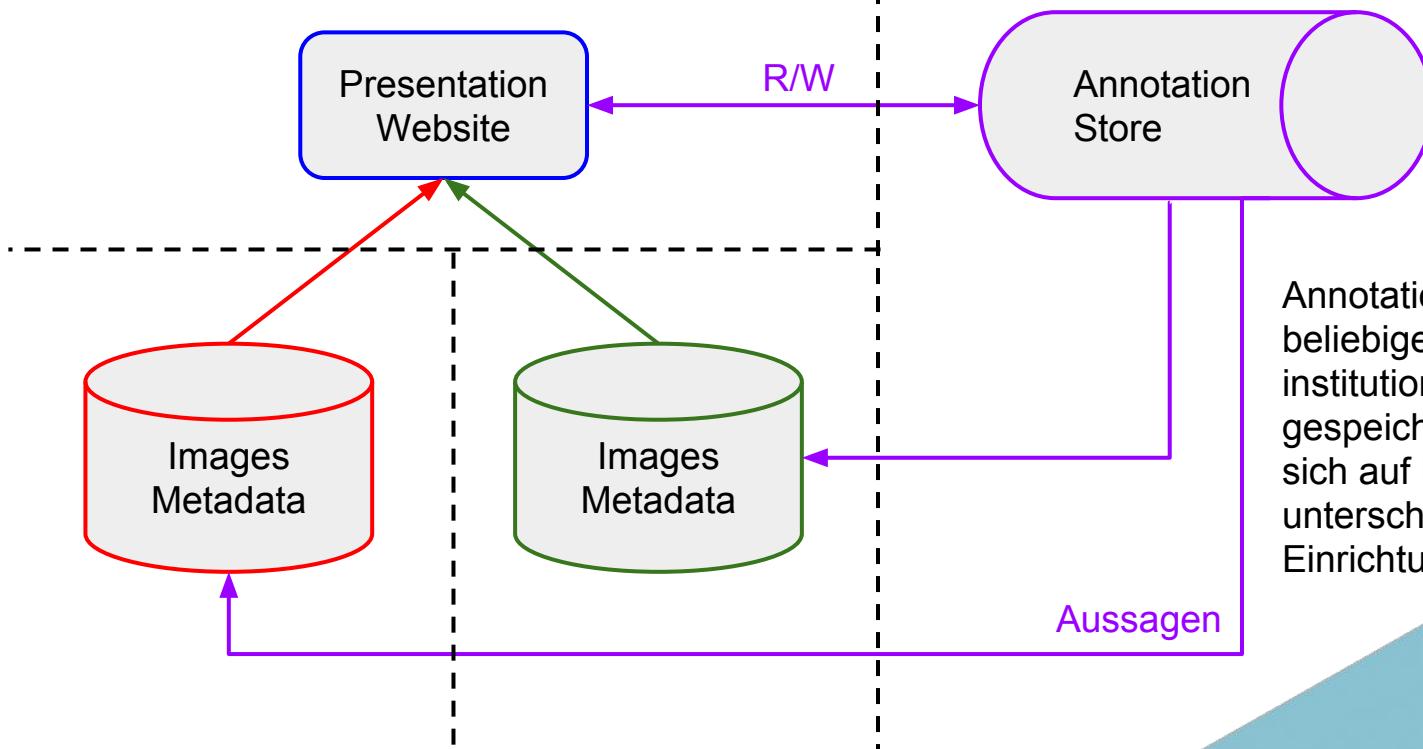
```
images: [
  - {
    - resource: {
      @type: "dctypes:Image",
      - service: {
        profile: "http://library.stanford.edu/iiif/image-api/1.1/conformance.html#level1",
        @id: "https://iiif.ub.uni-leipzig.de/fcgi-bin/iipsrv.fcgi?iiif=/j2k/0000/0026/0000002636/",
      },
      format: "image/jpx",
      width: "3840",
      @id: "https://iiif.ub.uni-leipzig.de/000002636/00000313.jpx",
      label: "0150v",
      height: "5760"
    },
    motivation: "sc:painting"
  }
],
```

Annotationen als Triple

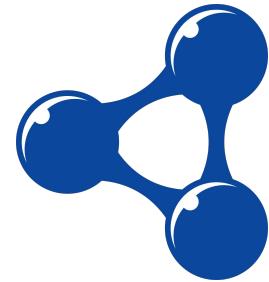
```
[  
  - {  
      @id: "http://dev.llgc.org.uk/annotation/1458904227863",  
      @type: "oa:Annotation",  
      - resource: [  
          - {  
              @id: "_:b2",  
              @type: "dctypes:Text",  
              format: "text/html",  
              chars: "<p>test annotation, to be deleted.</p>"  
          }  
      ],  
      - on: {  
          @id: "_:b0",  
          @type: "oa:SpecificResource",  
          - selector: {  
              @id: "_:b1",  
              @type: "oa:FragmentSelector",  
              value: "xywh=155543,375,1694,1022"  
          },  
          full: "http://iiif.ub.uni-leipzig.de/0000000001/canvas/1"  
      },  
      - motivation: [  
          "oa:commenting"  
      ]  
  }]
```



HTTP URIs



Annotationen können in beliebigen Stores (privat, institutionell, öffentlich) gespeichert werden und sich auf Digitalisate unterschiedlicher Einrichtungen beziehen.



Software für Presentation API

Es existieren inzwischen einige Image-Viewer

<http://iiif.io/apps-demos/#image-viewing-clients>

Beispiel Mirador

<http://projectmirador.org/>

- Multi-Dokumentenfähig
- Nutzt OpenSeadragon
- Image Manipulation
- Unterstützt die flexible Nutzung von Annotation
- Apache Lizenz

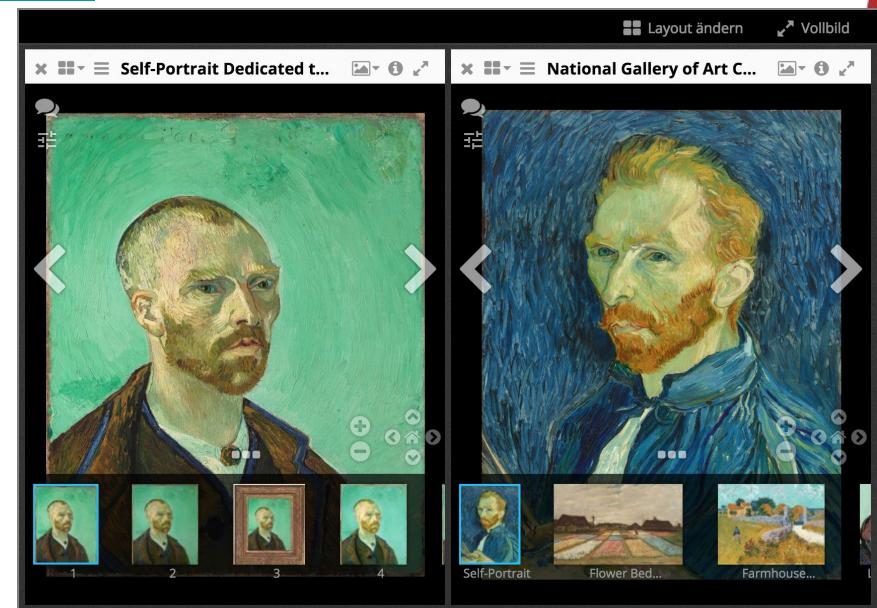


Bild: Screenshot projectmirador.org

Image API

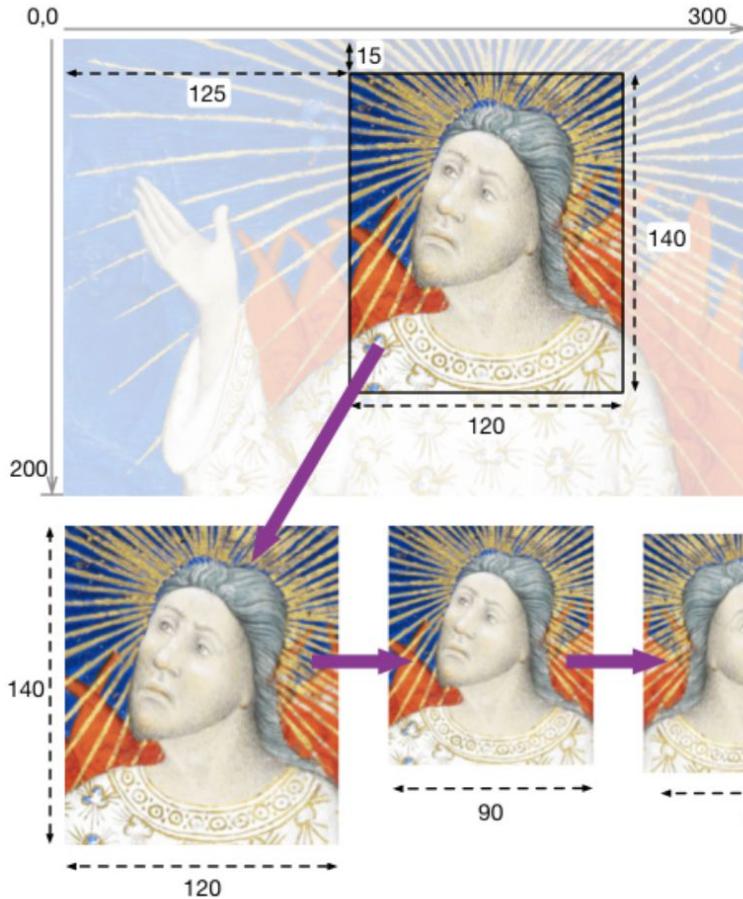


Image API (Pixel Delivery)

<http://iiif.io/api/image/2.1/>

region=125,15,120,140 size=90, rotation=!345 quality=gray
.../125,15,120,140/90,!345/gray.jpg

Vorberechtene “Pyramiden”

Wird von zahlreichen Image-Servern unterstützt

<http://iiif.io/apps-demos/#image-servers>

Beispiel IIPIImage Server
(FastCGI-Modul für Apache, GPLv3)

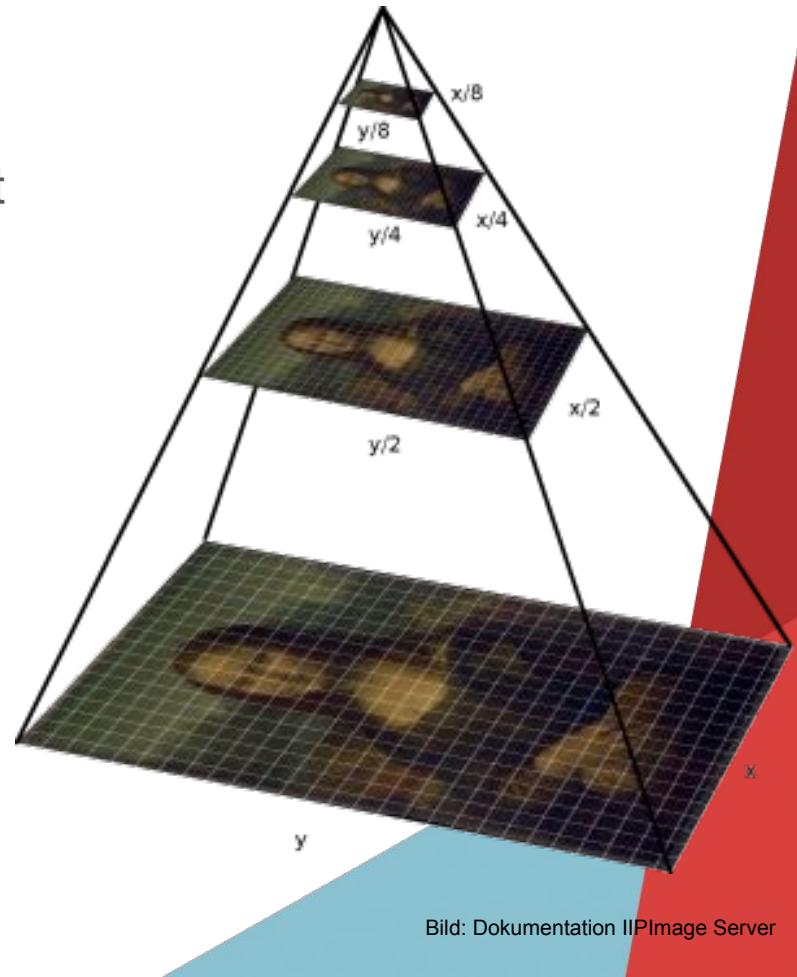
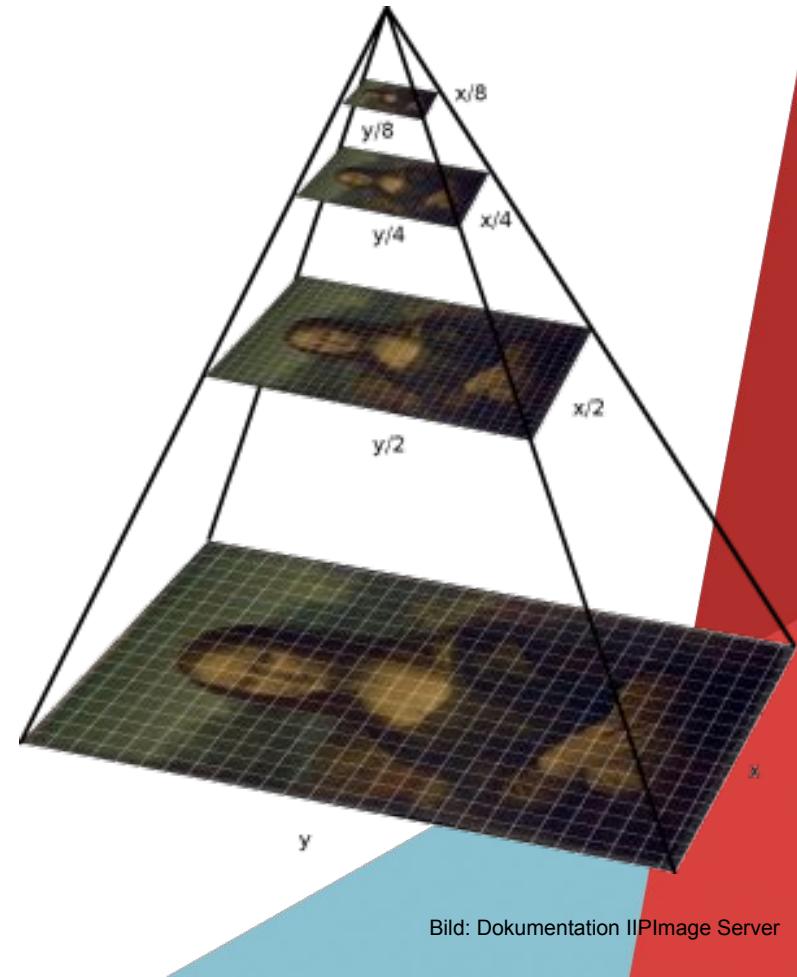


Bild: Dokumentation IIPIImage Server

Präprozessierte Dateien

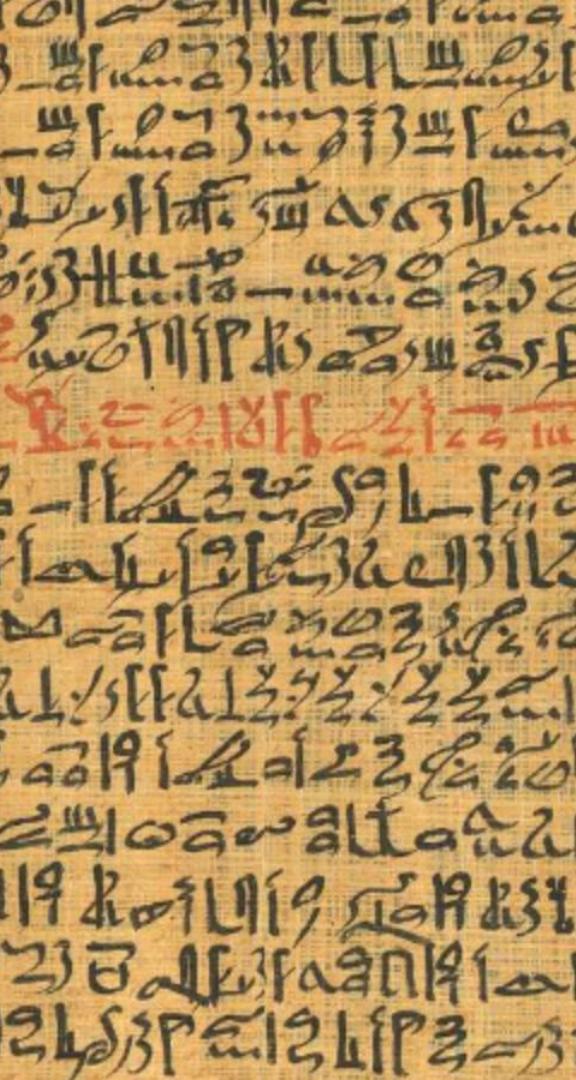
- Tiled Multi-Resolution (or Tiled Pyramidal)
- üblich: TIFF oder JPEG2000
- Geringe Auswahl an geeigneter Software
 - TIFF: ImageMagick (Open Source)
 - JPEG 2000: Kakadu (Commercial)
 - JPEG 2000: OpenJPEG?



Beispiele und Demos

Beispiel Papyrus Ebers

- Papyrus scroll from Egypt
- Age: > 3,500 years (from 16th century BC)
- Description of 879 medical treatments



Beispiel Papyrus Ebers

Special requirements:

- Unusual format (scroll): 18,63 m (20,37 yards) x 0,30 m (11,81 inches)
- Integrate Mirador with Wordpress for static content
- Translations for the whole text and in different languages
- Search in annotations (**linking not implemented yet**)
- Individual modifications of the layout

Demo: <http://papyrusebers.de>



Übersetzung an/aus

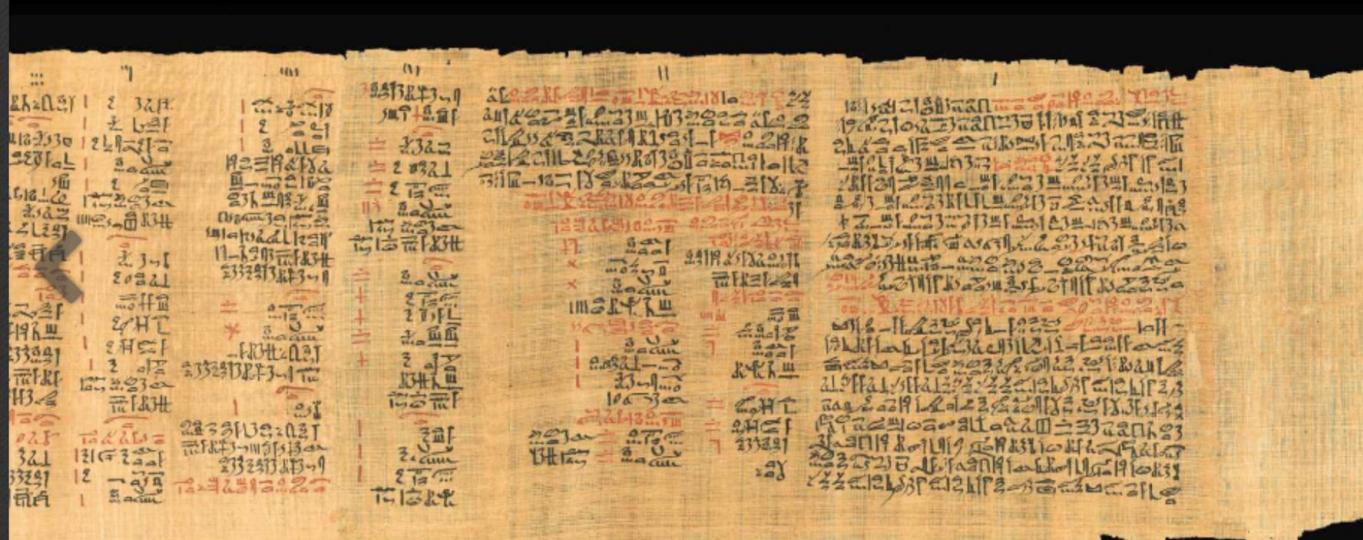
Übersicht



Rückseite li...

Vorderseite

Rückseite r...





Übersetzung an/aus

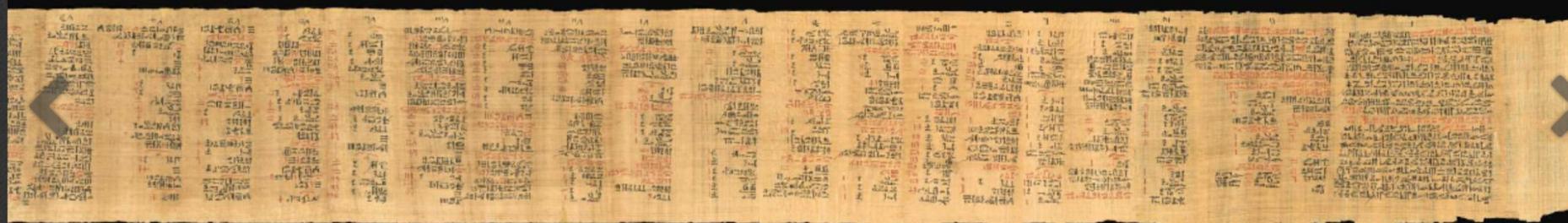
Übersicht



Rückseite li...

Vorderseite

Rückseite r...





Übersetzung an/aus

Übersicht



Rückseite li...

Vorderseite

Rückseite r...



145.819 x 2.827 Pixel



Übersetzung an/aus

Übersicht



Rückseite li...



Vorderseite



Rückseite r...





Übersetzung an/aus

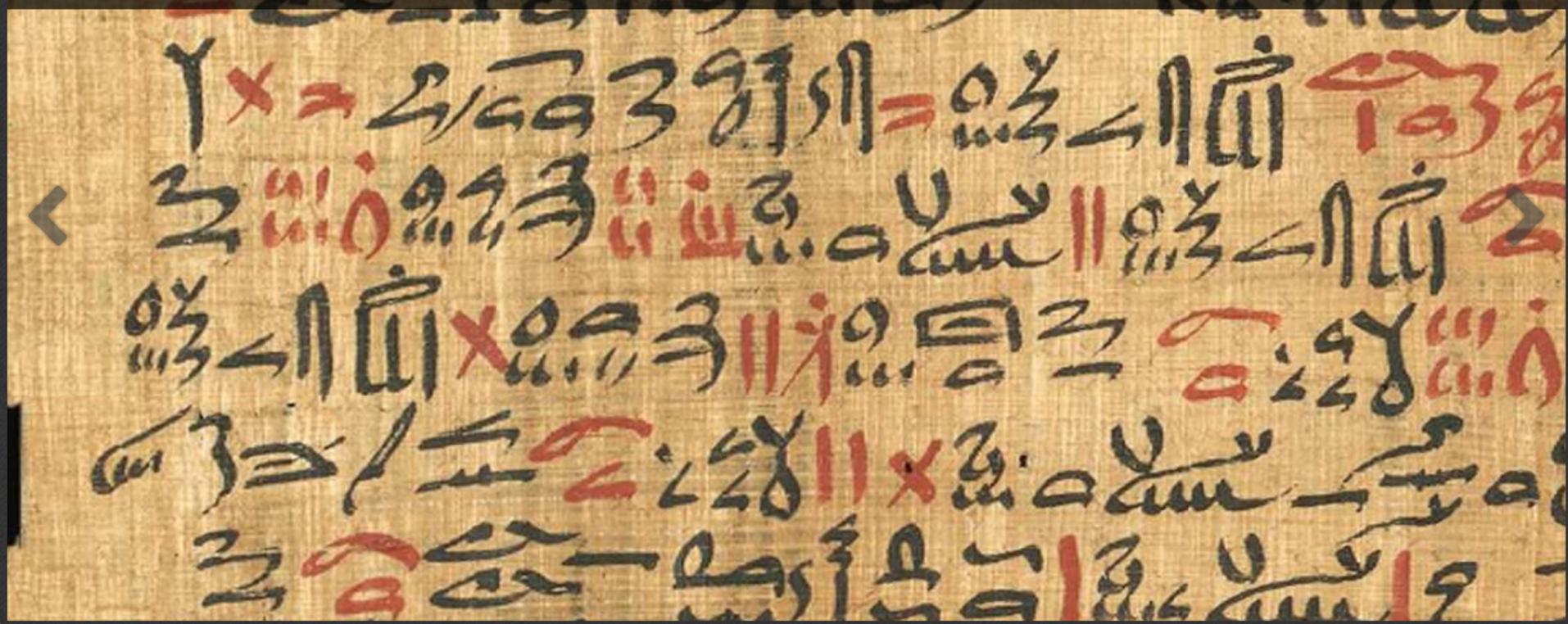
Übersicht



Rückseite li...

Vorderseite

Rückseite r...





Translation on/off

Overview



Back to the...

Front of th...

Back to the...

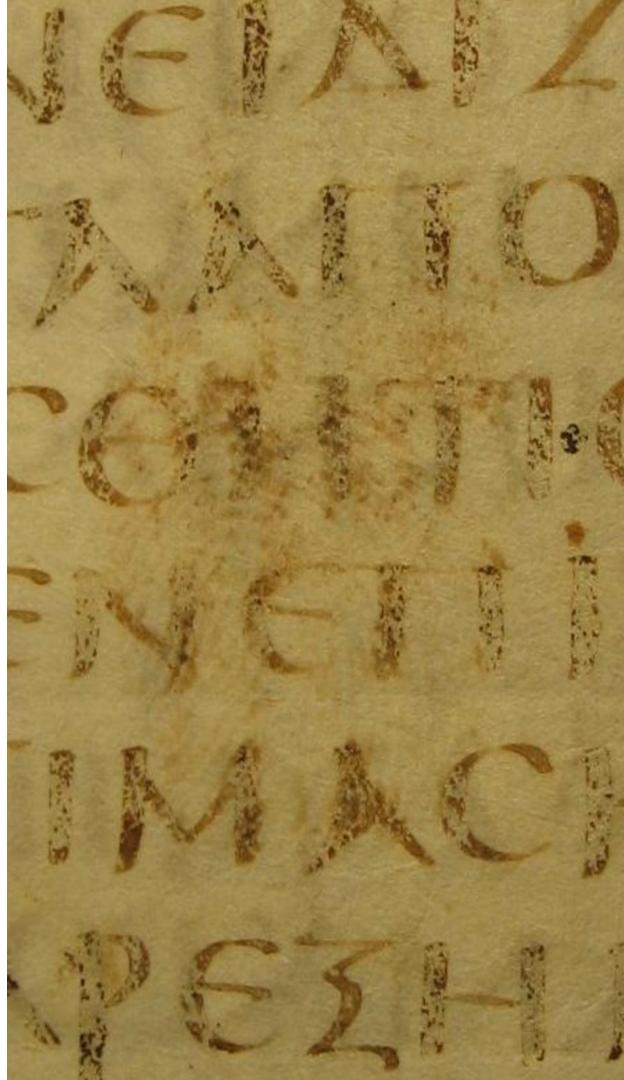


Eb 465 (66, 9 – 66, 12)

Another to make the hair of a bald-headed person grow: fat of lion 1, fat of hippopotamus 1, fat of crocodile 1, fat of cat 1, fat of serpent 1, fat of ibex 1, are mixed together, and the head of a bald person is anointed therewith.

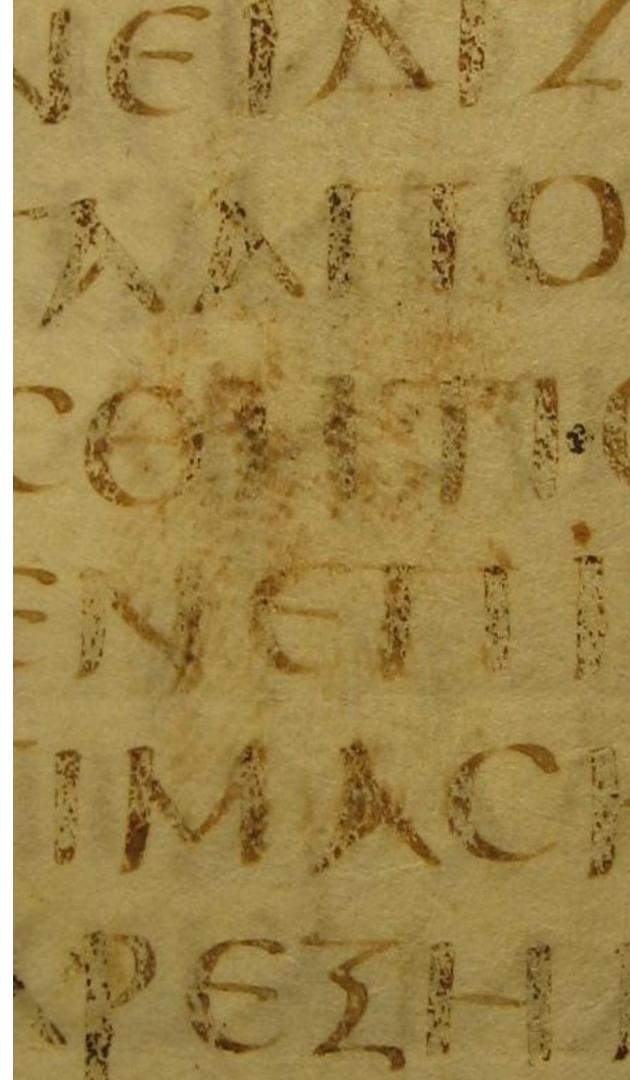
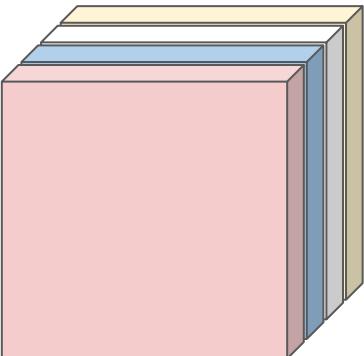
Beispiel Codex Sinaiticus

- Manuscript of the Christian Bible
- Written in the middle of the 4th century
- Earliest complete copy of the New Testament

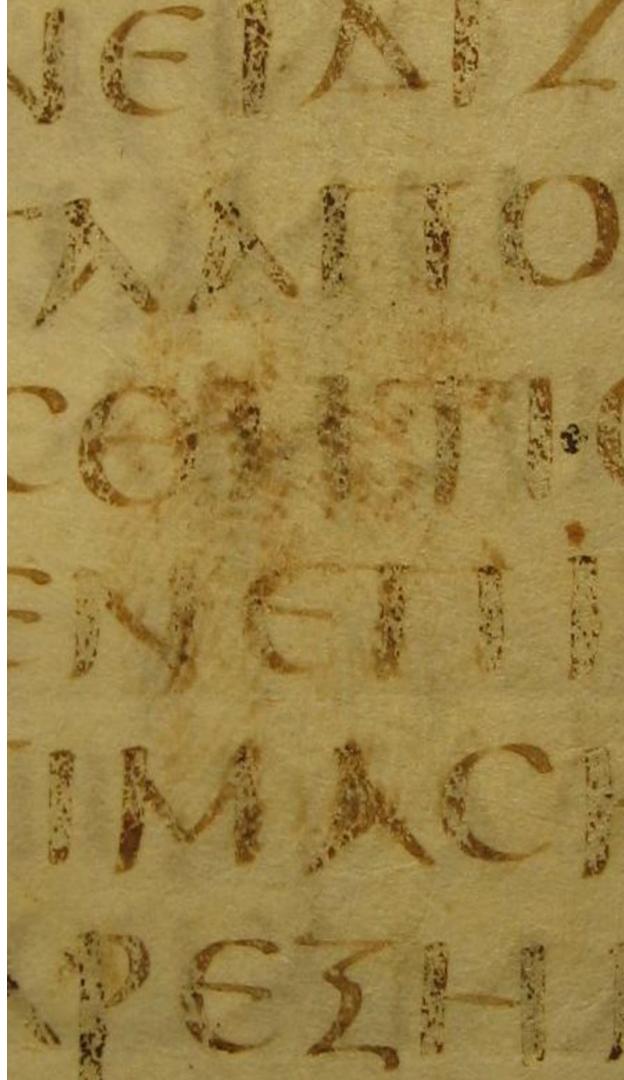
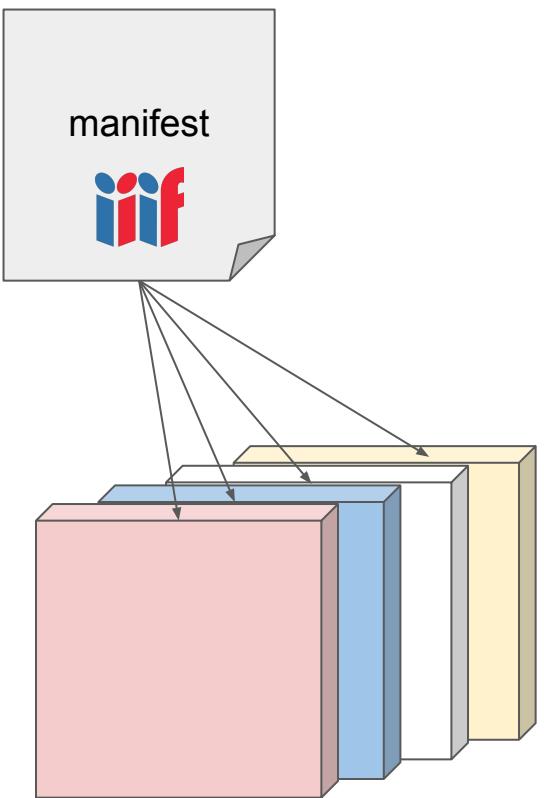


Beispiel Codex Sinaiticus

- Distributed between four institutions
 - The British Library (347 leaves)
 - Leipzig University Library (43 leaves)
 - National Library of Russia
 - St. Catherine's Monastery, Mt. Sinai, Egypt



Beispiel Codex Sinaiticus



Codex Vaticanus Graecus 1209



A screenshot of the DVL (Digitivatlib) website. The top navigation bar includes a 'Back' button, a logo with the letters 'DVL' and 'DIGIVATLIB', and a 'READ MORE' link. The main title is 'Manuscript – Vat.gr.1209'. The central image shows the back cover of the manuscript, which is yellowish-brown with a large, faint watermark that reads 'Biblioteca Apostolica Vaticana ALL RIGHTS RESERVED'. Below the image are small thumbnail previews of the first seven pages of the manuscript, labeled 'FIRST' and 'LAST' at the ends. A vertical control panel on the right side of the image includes a zoom '+' and '-' button, a horizontal scroll bar with a central '=' button, and a circular arrow icon.

Screenshot Vatikanische Bibliotheken

Screenshot Wikipedia

New Testament manuscript
papyri • uncials • minuscules • lectionaries



Page from *Codex Vaticanus*; ending of 2 Thes
and beginning of Heb

Name	Vaticanus
Sign	B
Text	Old and New Testament
Date	c. 300–325
Script	Greek
Now at	Vatican Library
Cite	C. Vercellonis, J. Cozza, <i>Bibliorum Sacrorum Graecus Codex Vaticanus</i> , Roma 1868.
Size	27 × 27 cm (10.6 × 10.6 in)
Type	Alexandrian text-type
Category	I
Note	very close to Ψ ⁶⁶ , Ψ ⁷⁵ , 0162

Demo Codex Vaticanus und Codex Sinaiticus

Mirador: <https://digital.ub.uni-leipzig.de>

Codex Sinaiticus (testing, Leipzig leaves only!)

<https://iiif.ub.uni-leipzig.de/000000002/manifest.json>

<https://digital.ub.uni-leipzig.de/object/viewid/0000000002>

Codex Vaticanus

https://digi.vatlib.it/iiif/MSS_Vat.gr.1209/manifest.json

https://digi.vatlib.it/view/MSS_Vat.gr.1209/0001

Close

Filter objects: Add new object from URL: Load

Festschrift zum fünfhundertjährigen Geburtstage von
Johann Gutenberg

Leipzig University Library

566 items



...



Die Krankheiten der Leber

Leipzig University Library

858 items



...



Nasen-, Rachen- und Kehlkopfkrankheiten

Leipzig University Library

448 items



...



Die Termiten oder weißen Ameisen

Leipzig University Library

226 items



...



Die Gicht

Leipzig University Library

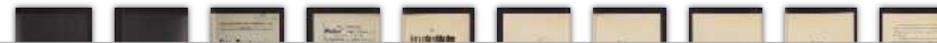
310 items



...



Die Nervenkrankheiten nach Unfällen



1. <https://iiif.ub.uni-leipzig.de/0000000002/manifest.json>
2. https://digi.vatlib.it/iiif/MSS_Vat.gr.1209/manifest.json

Filter objects:

Add new object from URL: <http://...>

Load



Festschrift zum fünfhundertjährigen Geburtstage von
Johann Gutenberg

Leipzig University Library

566 items



...



Die Krankheiten der Leber

Leipzig University Library

858 items



...



Nasen-, Rachen- und Kehlkopfkrankheiten

Leipzig University Library

448 items



...



Die Termiten oder weißen Ameisen

Leipzig University Library

226 items



...



Die Gicht

Leipzig University Library

310 items



...



Die Nervenkrankheiten nach Unfällen



Close

Filter objects: Add new object from URL: 

Codex Sinaiticus

86 items



...



Vat.gr.1209

1555 items



...

Festschrift zum fünfhundertjährigen Geburtstage von
Johann Gutenberg

566 items



...



Die Krankheiten der Leber

858 items



...



Die Gicht

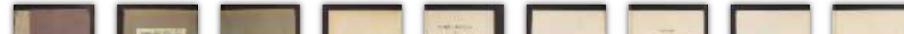
310 items



...



Nasen-, Rachen- und Kehlkopfkrankheiten



Codex Sinaiticus

Replace Object

Add Slot Right

Add Slot Left

Add Slot Above

Add Slot Below

Buch Klagelieder



Codex Sinaiticus

Buch Chronik

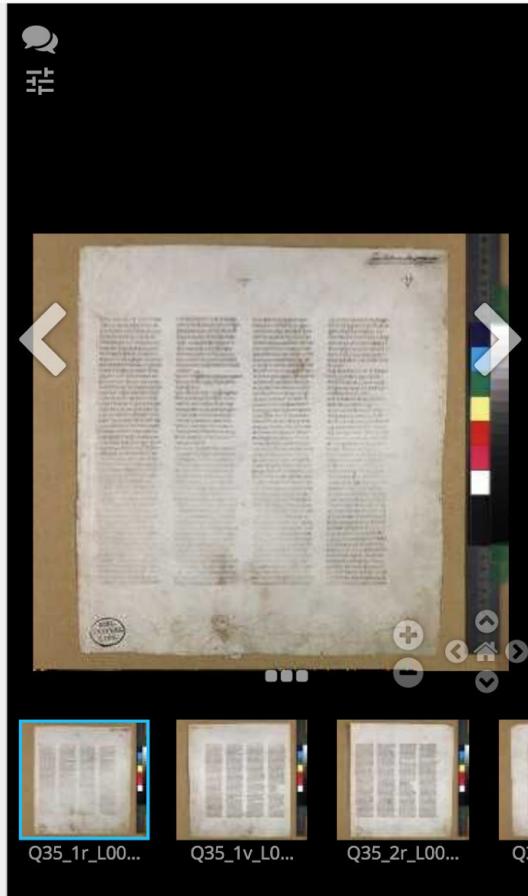
Buch Esra

Buch Ester

Buch Tobit

Buch Jeremia

Buch Klagelieder



Close



Add Item

Codex Sinaiticus

Buch Chronik

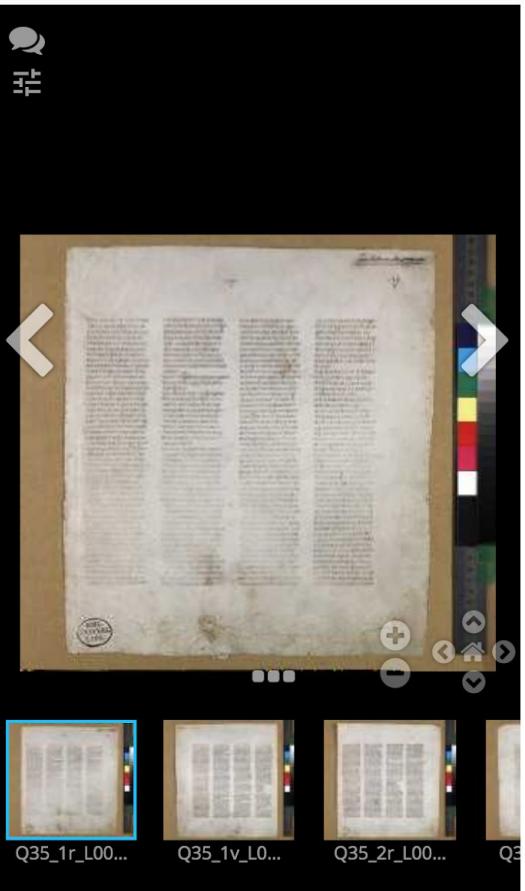
Buch Esra

Buch Ester

Buch Tobit

Buch Jeremia

Buch Klagelieder

**Vat.gr.1209**

p. III Codicis index

p. IV Veteris Testamenti librorum
divisio secundum s. Hieronymum

p. 1-46 Genesis

p. 47-99 Exodus

p. 99-137 Leviticus

p. 138-191 Numeri

p. 191-238 Deuteronomium

p. 238-270 Iosue

p. 271-304 Iudicum

p. 304-309 Ruth

p. 309-394 Samuelis I-II

p. 395-484 Regum I-II

p. 484-572 Paralipomenon I-II

p. 572-594 Esdrae III

A digital image of an open manuscript page from Vat.gr.1209. The page contains a list of book titles and their corresponding page numbers. The interface includes a speech bubble icon, a menu icon, and navigation controls (left, right, up, down, zoom). The page is framed by a black border. A watermark "RESERVED © Biblioteca Apostolica Vaticana" is visible across the page.

Book	Page Number
Γένεσις	1
Εξοδος	47
Λευΐτικος	99
Αριθμοί	133
Δευτερονόμιον	191
Ιούδαιος Νομοί	238
Κηρύκαιος	71
Ρούβιος	304
Βαριλεωπόντος	309
Βαριλεωπόντος	314
Βαριλεωπόντος	372
Βαριλεωπόντος	391
Πάπα Ιωακείμου	494
Παραδειγματικόν	523
Εργασία Α'	572
Εργασία Β'	599
Νομοί	623
Υετερός	623
Παραδειγματικόν	714
Εκκηρωτικόν	750
Ιερά Λειψανία	762
Ιερά	769
Σαρπιά επιτάφια	821
Σαρπιά σεφάζ	822
Φερνή	823
Ιερά	908
Τούριτ	920
επιτάφια	946
Αριθμοί	951
Αριθμοί	952
Λαζαρί	960
Αβδείας	961
Ιερά	973

The page is numbered II, III, IV at the bottom.

Codex Sinaiticus

Buch Chronik

Buch Esra

Buch Ester

Buch Tobit

Buch Jeremia

Buch Klagelieder



Vat.gr.1209

p. 484-572 Paralipomenon I-II

p. 572-594 Esdrae III

p. 594-624 Esdrae II. Septuaginta

p. 625-713 Psalmi

p. 714-749 Proverbia

p. 750-762 Ecclesiastes

p. 763-769 Canticum canticorum

p. 769-809 lob

p. 809-832 Sapientia

▼ p. 832-893 Ecclesiaticus, praemisso prologo.

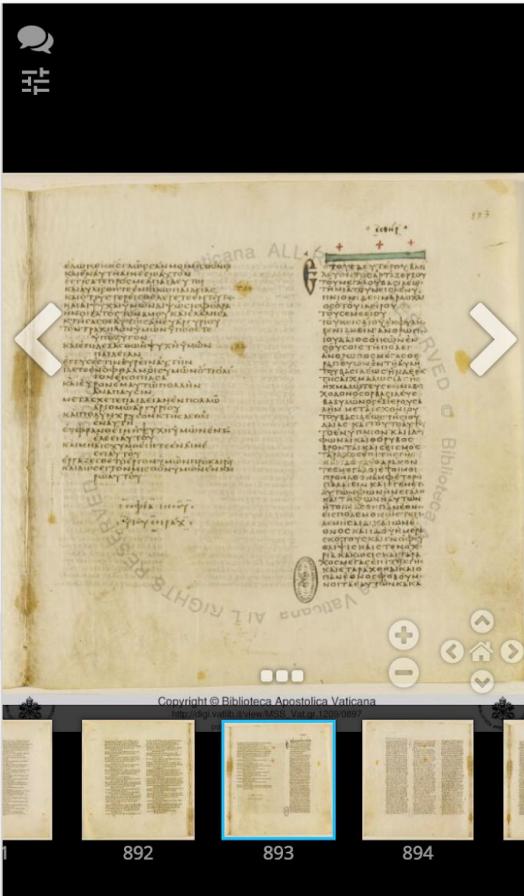
p. 832-833 Ecclesiastici prologus

p. 833-893 Ecclesiasticus

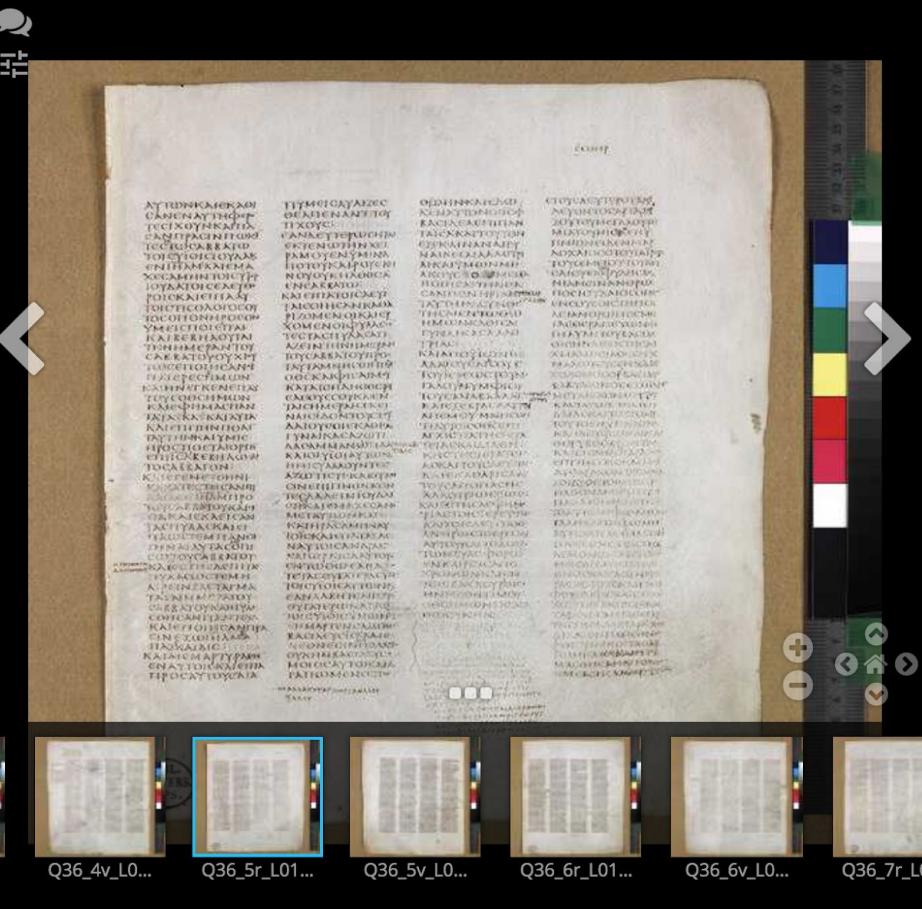
p. 893-907 Esther

p. 908-930 Iudith

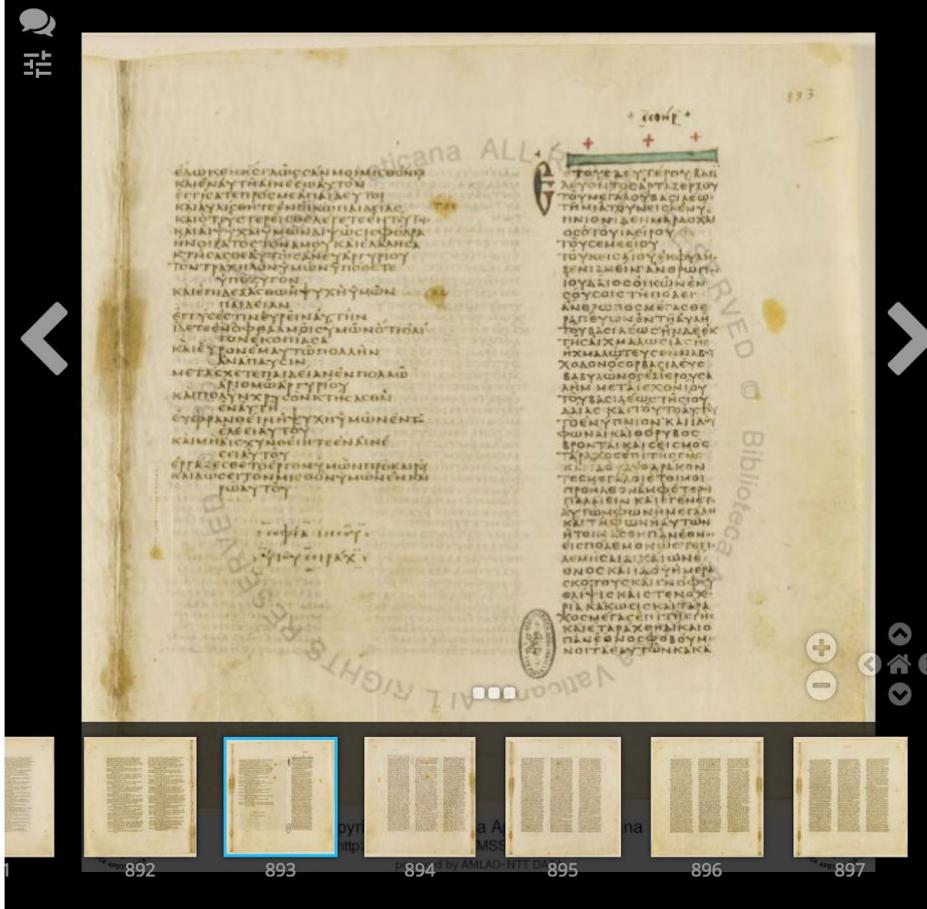
p. 930-944 Tobias



Codex Sinaiticus



X ■ ▾ ≡ Vat.gr.1209



x ■ □ ≡ Codex Sinaiticus

≡

x ■ □ ≡ Vat.gr.1209

≡

Ἐσοντ̄

ετούσδε γέτερού βλ̄ι,
λεγόντος αρταζ
ζού τού μεγάλου γη
μιατού γηνίσκεν γ
πνιονείδεν μαρ
δοχλιός ο τού γίκιτ
τού σεμείου τού κει



Q36_4v_L0...



Q36_5r_L01...



Q36_5v_L0...



Q36_6r_L01...



Q36_6v_L0...



Q36_7r_L01...

+ Ἐσοντ̄ +



τούσδε γέτερού βλ̄ι
λεγόντος αρταζερζού
τού μεγάλου γεβαζιλέω
τάμιατό γνεισλένγ
πνιονίδεν μαρδοχαί
οστόμιλέρον



893



894



895



896

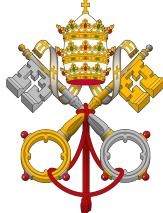


897

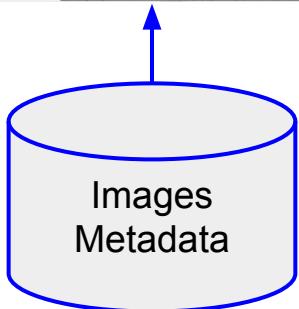
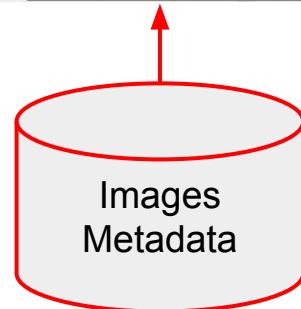


898

βενιαμειν ἀνθρώπος



Vatikanische
Bibliothek



x ≡ - ≡ Vat.gr.1209
p. 138-191 Nuuen
p. 191-238 Deuteronomium
p. 238-270 Iosue
p. 271-304 Iudicium
p. 304-309 Ruth
p. 309-394 Samuelis I-II
p. 395-484 Regum I-II
p. 484-572 Paralipomenon II-II
p. 572-604 Esdrae III
p. 594-624 Esdrae II. Septuaginta
p. 625-713 Psalmi
p. 714-749 Proverbia
p. 750-762 Ecclesiastes
p. 763-769 Canticum cantorum
p. 769-772 Sapientia

p. 832-892 Ecclesiasticus,
proemio prologo
p. 832-853 Ecclesiasticus prologue
p. 833-891 Ecclesiasticus

p. 893-907 Esther
p. 908-919 Iudith
p. 930-944 Tobit
p. 945-954 Osea

p. 954-962 Amos
p. 962-968 Michaeas
p. 968-972 Joel

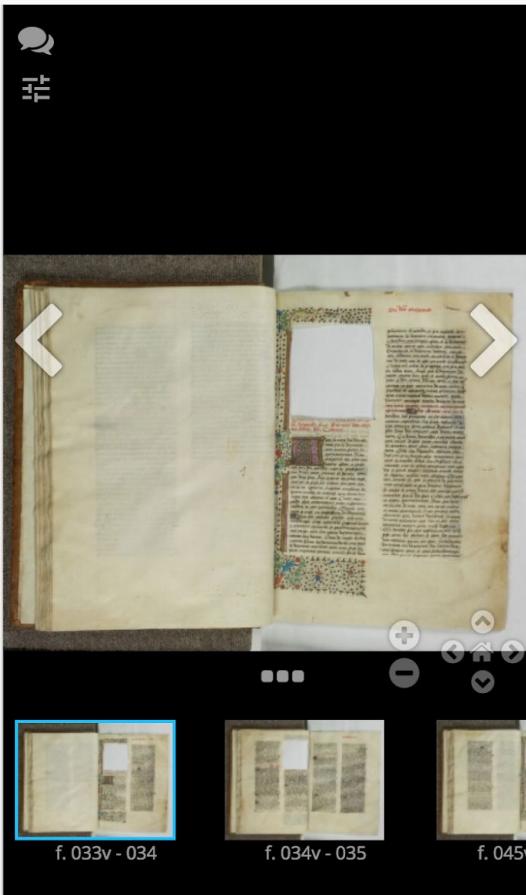
Demo Mirador / Biblissima

http://projectmirador.org/demo/advanced_features.html

Reconstructed manifest (partial): Grandes Ch...

Index | Suche | Ebenen

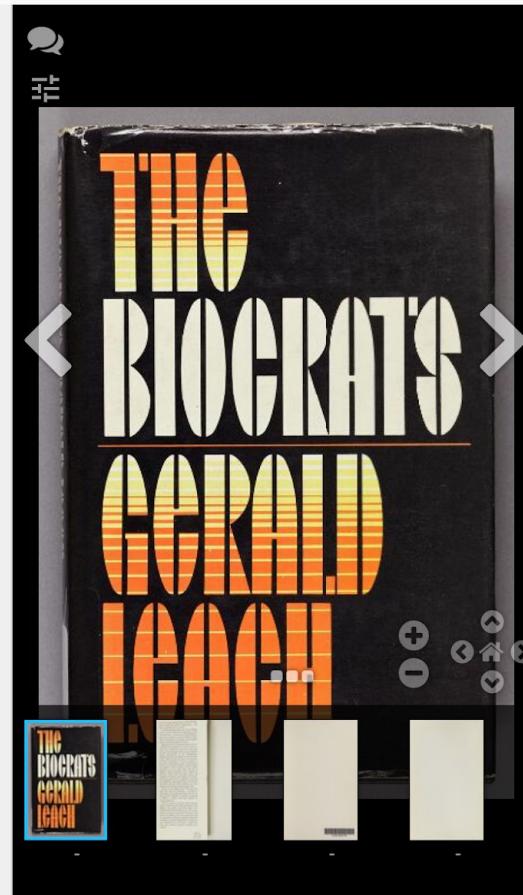
Kein Inhaltsverzeichnis verfügbar



The biocrats

[Index](#) | [Suche](#) | [Ebenen](#)

- Front Cover
 - Title Page
 - Table of Contents
 - Back Cover



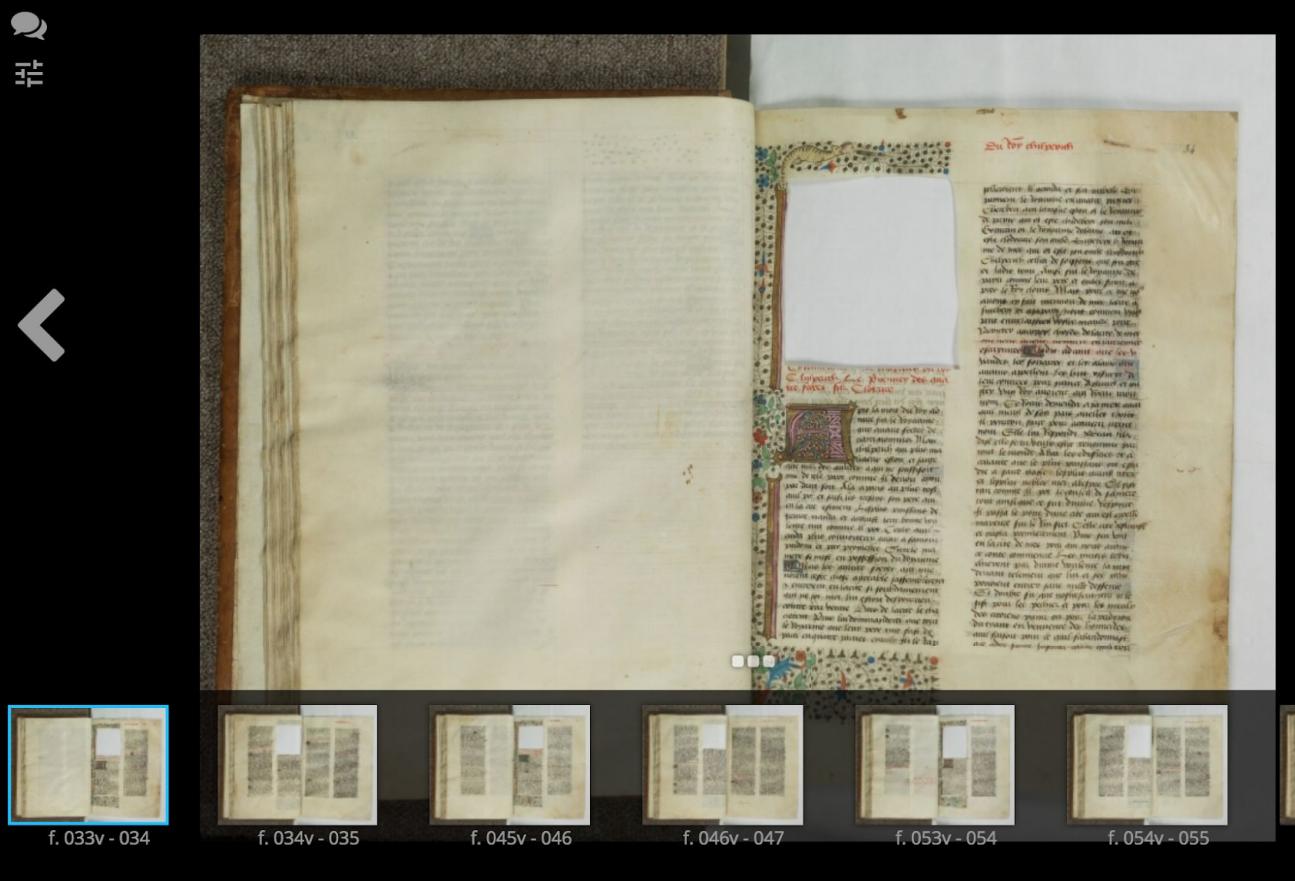
☰ Reconstructed manifest (partial): Grandes Chroniques de France (Châteauroux, BM, ms 5)

Index

Suche

Ebenen

Kein Inhaltsverzeichnis verfügbar



Reconstructed manifest (partial): Grandes Chroniques de France (Châteauroux, BM, ms 5)

Index Suche Ebenen

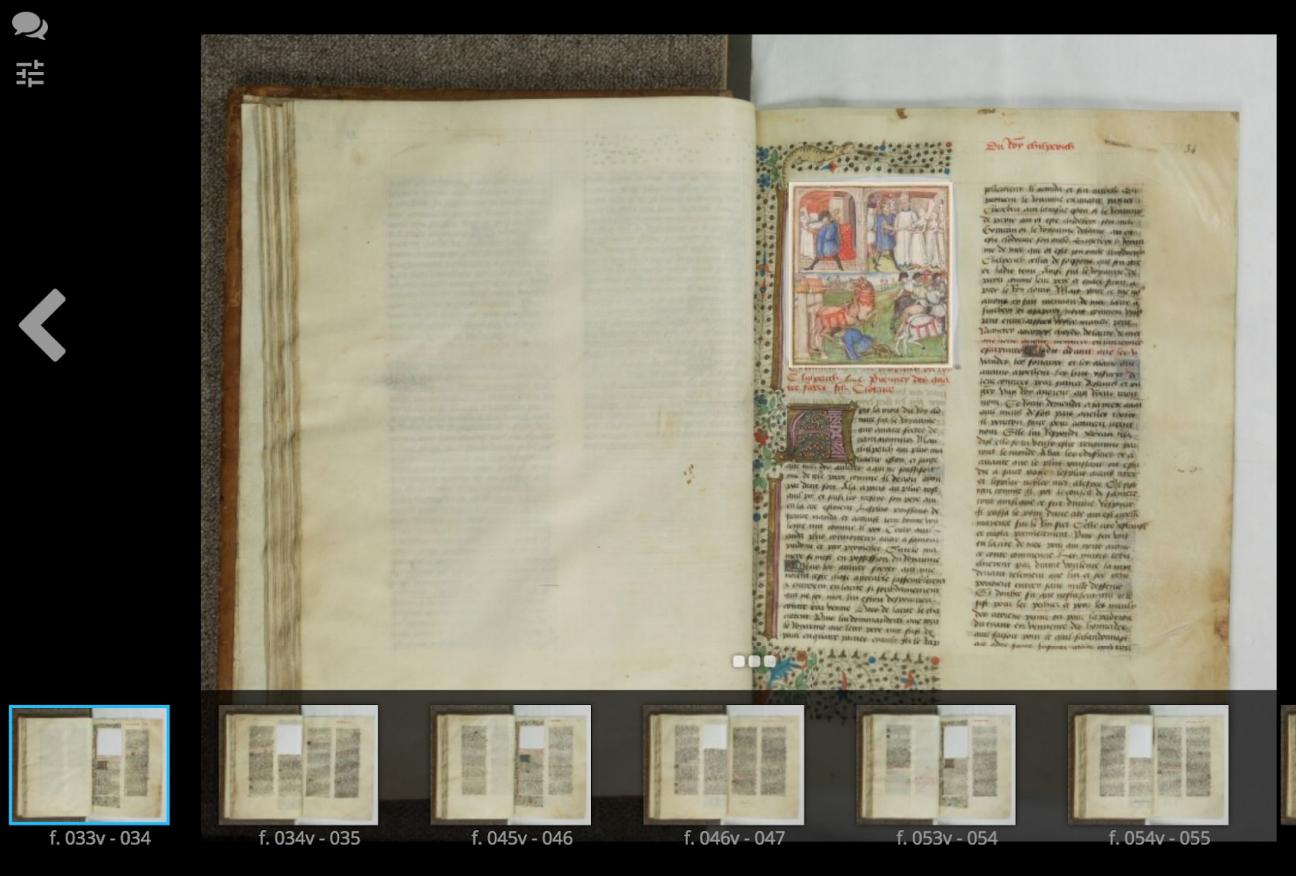
Bilder für f. 033v - 034

Kein Label

sichtbar
Deckkraft (100%)

Kein Label

sichtbar
Deckkraft (100%)



☰≡ Reconstructed manifest (partial): Grandes Chroniques de France (Châteauroux, BM, ms 5)

[Index](#) | [Suche](#) | **Ebenen**

Bilder für f. 034v - 035



sichtbar

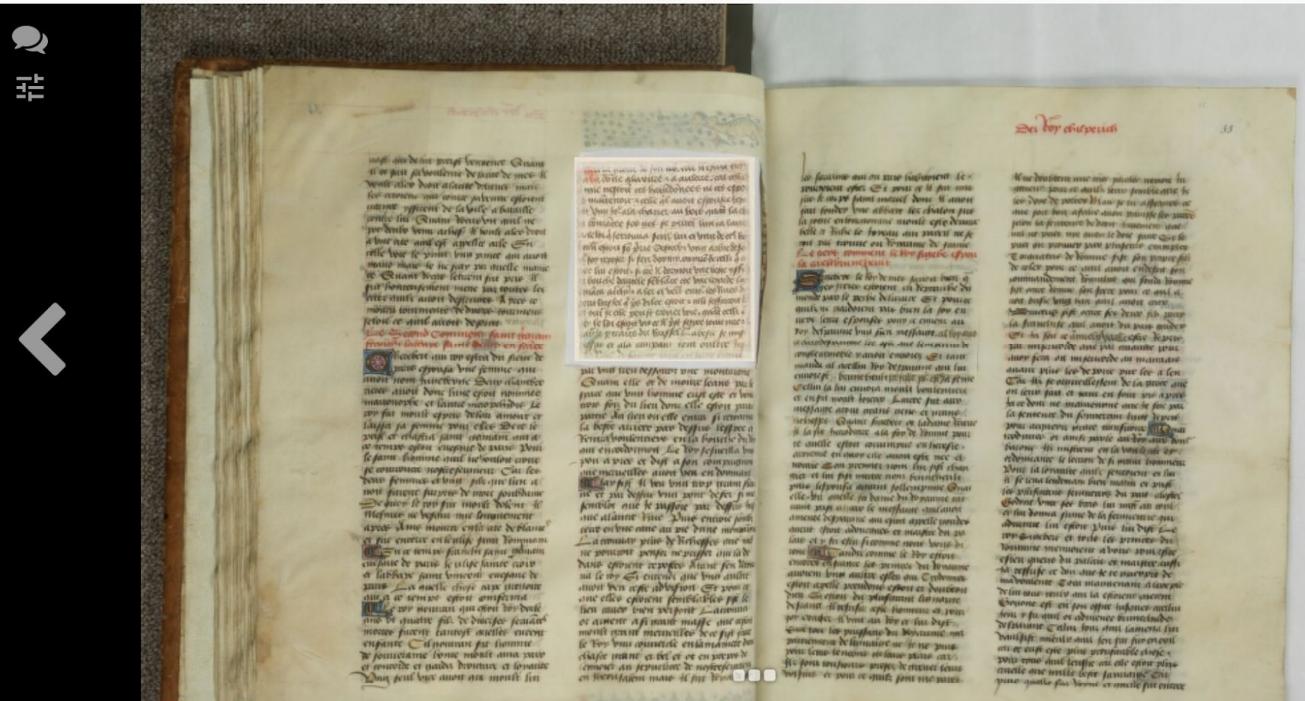
Deckkraft (100)%

Kein Label



sichtbar

Deckkraft (100)%



f. 033v - 034



f. 034v - 035



f. 045v - 046



f. 046v - 047



f. 053v - 054



f. 054v - 055

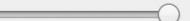


☰ Reconstructed manifest (partial): Grandes Chroniques de France (Châteauroux, BM, ms 5)

[Index](#) [Suche](#) [Ebenen](#)

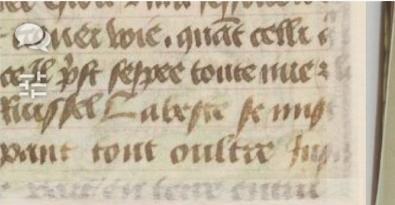
Bilder für f. 034v - 035

Kein Label

 sichtbar
Deckkraft (100%) 

Kein Label

 sichtbar
Deckkraft (100%) 



Quer boie, quac celle
ce p̄t rep̄ee toute mez
fuske. L'aleſte fe my
vant tout oultre fu
... et tenu en



f. 033v - 034

f. 034v - 035

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roy desprume bns ſien messaige. al foys auo
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conſtantmoble y auoit emuoiez. Et tant
manda al accellu for desprume qui lui
emuoiaſt. bameſtient ſa ſalle po. eſſe ſentie
Cellu ſa lui emuoia moult boniencie
et en fit moult foien. L'are fut aux
messaige atout grāe genē et manſ
richesse. Quant ſigretat or ladame ſereue
ſi la fit introdure ala for de l'omme pour
te quelle estoit corrumpe en heresie.
arrieme en moy elle auoit eſſe nee et
nourrie. Son premer nom lui fit chan
tier et lui p̄t mettre nom bameſtient
puis leſponſa devant ſollempté. Quant
elle fut quelle la dame du



f. 045v - 046

f. 046v - 047

f. 053v - 054

f. 054v - 055



f. 067v - 068

Reconstructed manifest (partial): Grandes Chroniques de France, BM, ms 5

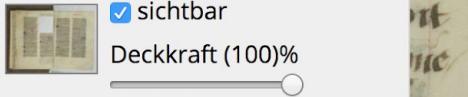
Randfarbe wählen



Index Suche Ebenen

Bilder für f. 034v - 035

Kein Label

 sichtbar

Deckkraft (100)%

Kein Label

 sichtbar

Deckkraft (100)%

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conuaee ses gees se pturet luna la lant
ve lois a setrouua senz lui et vng de ces ho
mest estoit so due desoubz vng autre depe
soi reposez si sen doruy. ourno de celle a
ce lui estoit. si coe il dormo
i bouche dantele feblace co
mme a estre a lez et vele
etit hyske q' ne diles estoit
tout se elle peult trouer le
er le soi estoit vnt ce il pte
au la ptraus du hyske
vng et ala rampanz to
par vng treu dessoubz vne montaigne
Quant elle ot de monte leane par

B I ☰ 🔍
¶ ¶

Important Annotation

Powered by TinyHCE

Add tags here...

[Abbrechen](#) [Speichern](#)

f. 033v - 034 f. 034v - 035 f. 045v - 046 f. 046v - 047 f. 053v - 054 f. 054v - 055 f. 067v - 068

Fenta bouslenciers en la bouche du b

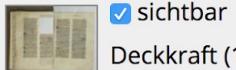
☰ Reconstructed manifest (partial): Grandes Chroniques de France (Châteauroux, BM, ms 5)



Index Suche Ebenen

Bilder für f. 034v - 035

Kein Label

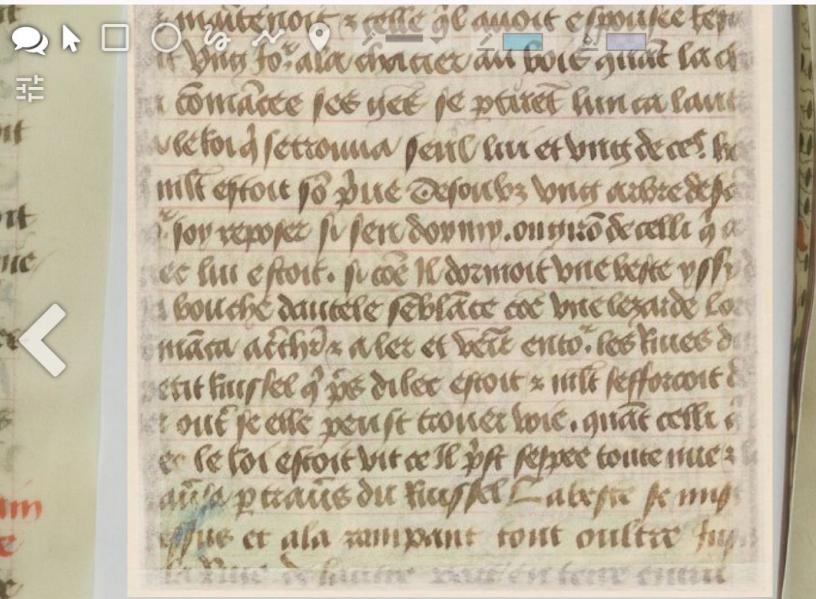
 sichtbar

Deckkraft (100)%

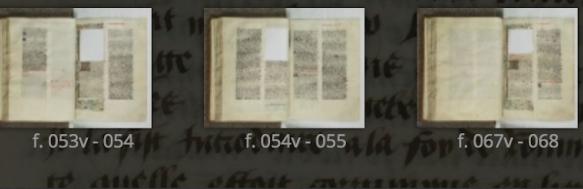
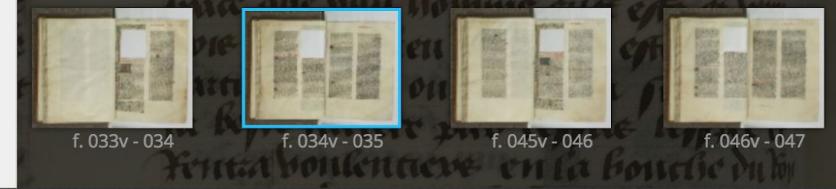
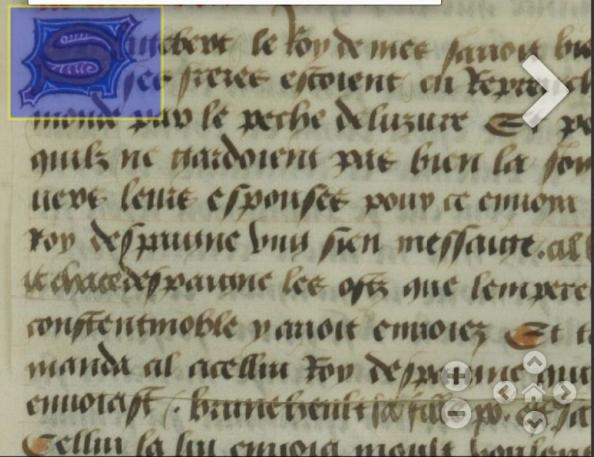
Kein Label

 sichtbar

Deckkraft (100)%


 Bearbeiten Löschen

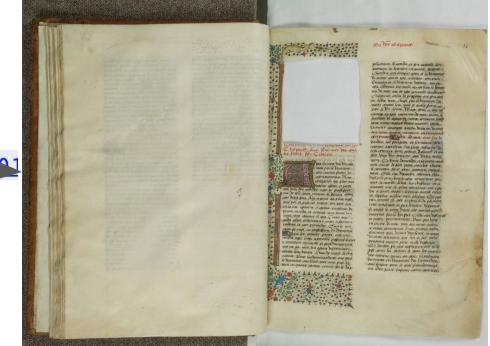
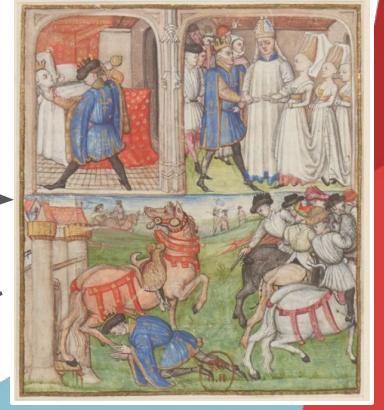
Important Annotation



```

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  - {
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    motivation: "sc:painting",
    - resource: {
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      @type: "dctypes:Image",
      format: "image/jpeg",
      height: 5412,
      width: 7216,
      - service: {
        @context: "http://iiif.io/api/image/2/context.json",
        @id: "http://iiif.irht.cnrs.fr/iiif/Châteauroux/B360446201\_MS0005/jp2/B360446201\_MS0005\_0038/full/full/0/default.json",
        profile: "http://iiif.io/api/image/2/level2.json"
      }
    },
    on: "http://bvmm.irht.cnrs.fr/iiif/2309/canvas/981394"
  },
  - {
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    motivation: "sc:painting",
    - resource: {
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      format: "image/jpeg",
      @type: "dctypes:Image",
      width: 2138,
      height: 2414,
      - service: {
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        profile: "http://library.stanford.edu/iiif/image-api/1.1/compliance.html#level2",
        @id: "http://gallica.bnf.fr/iiif/ark:/12148/btv1b10511139b/f1"
      }
    },
    on: "http://bvmm.irht.cnrs.fr/iiif/2309/canvas/981394#xywh=3949,994,1091,1232"
  }
]

```

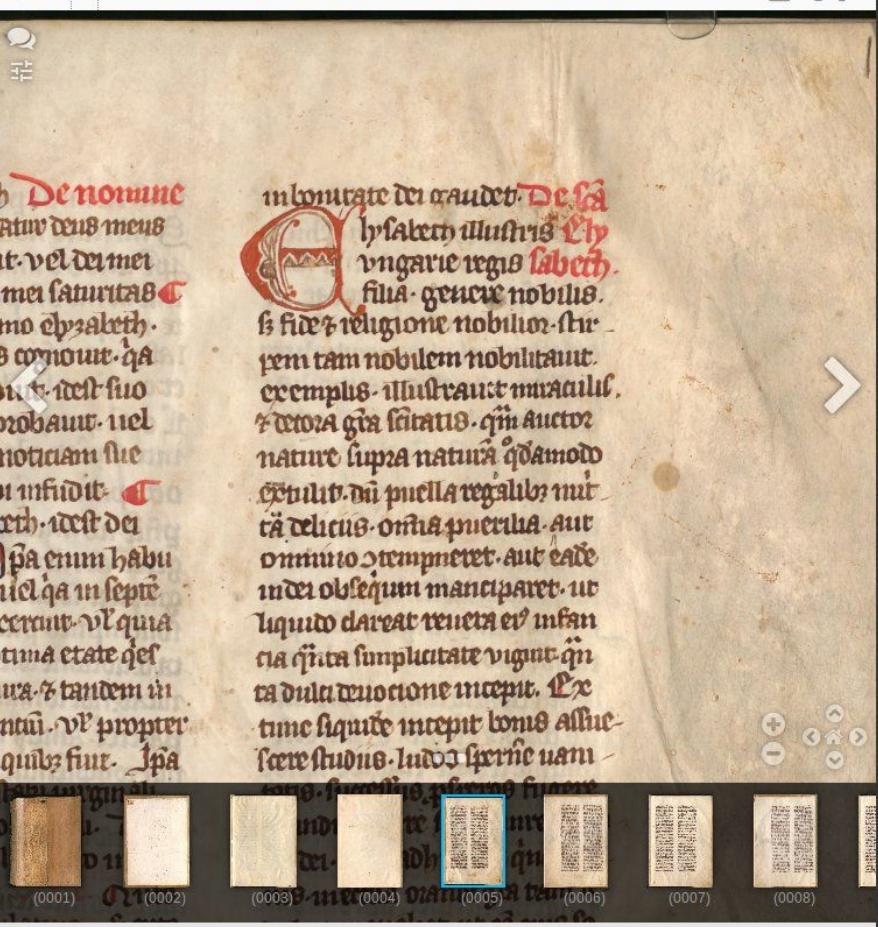



offset

Handschriftenkurs der UB Leipzig 2017

- Virtuelle Arbeitsumgebung
- Bindet Handschriftendigitalisate unterschiedlicher Einrichtungen in eine Oberfläche ein
- ermöglicht Annotationen zur Dokumentation wissenschaftlicher Arbeit
- basierend auf der Software mirador@sul (Stanford University Libraries)
https://github.com/sul-dlss/mirador_sul

Jacobus, de Voragine: Jacobi de Voragine Legenda aurea ...



Leipzig, Universitätsbibliothek Leipzig, Ms 1353

EISOPHIS OTIAS
Autem elenchis et de his qui uid
tur elenchi. sunc autem palo
glimi sed non elenchi dicimus. Inapientes sed
naturam a primis qm qm alii quid sunt salli
alii cum no sint uidetur manifestum est. Pa
quemadmodum et in aliis hoc sic p. quicad sunt
dñe sic et in omnibus se heit. et n. h. i. t.
tent bene. Alii autem uidetur tribi
flanti et singenti. Q. pulchri quid
Dorem. ali autem uidetur exponentes lecti
animatis ut in simili. Nam et horum h. quidem
Organicum illud uero auem est. in. a
ha autem no sicut quidem uidetur aut sed in
scindit ut hancina autem et ha quea angusta
Vorderdeckel Vorderspiele 1r 1v 2r 2v 3r 3v

Bearbeiten Löschen

ein stückiges "a"

Beispiel: CDV Datenset

Historische Kartensammlung
des Leibniz-Institut für Länderkunde e.V.,
Geographische Zentralbibliothek



Historische Kartensammlung

Die Sammlung besteht aus historischen Karten des 17. bis 19. Jahrhunderts. Darunter sind Weltkarten, Stadtpläne, Verkehrskarten, topographische Karten, Seekarten, Militärkarten oder auch physische Karten verschiedenster Regionen weltweit. Alle ca. 1400 Karten wurden digitalisiert und stehen als JPEG und hochauflösende TIFF-Format bereit.

```
{  
  @context: "http://iiif.io/api/presentation/2/context.json",  
  @id: "https://iiif.manducus.net/collections/0006/collection.json",  
  @type: "sc:Collection",  
  label: "Historic Maps, Leibniz-Institut fuer Laenderkunde e.V., Geographische Zentralbibliothek, CC0",  
  description: "Historic Maps, Leibniz-Institut fuer Laenderkunde e.V., Geographische Zentralbibliothek, CC0",  
  attribution: "Historic Maps, Leibniz-Institut fuer Laenderkunde e.V., Geographische Zentralbibliothek, CC0",  
  logo: "https://manducus.net/favicon.png",  
  - collections: [  
    - {  
      @id: "https://iiif.manducus.net/manifests/0006/0031f4f39f2f2db8f541a086bf531ac8945c2b5b.json",  
      @type: "sc:Manifest",  
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    },  
    - {  
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      @type: "sc:Manifest",  
      label: "HK 0590, Accurate Situations-Carte Von Einem Theile Des Churfuerstenthums Sachsen, Und Hauptsa  
      Meilen Aus Dem Centro Um Die Haupt- Und Residenz-Stadt Dresden, IFL Leipzig"  
    },  
    - {  
      @id: "https://iiif.manducus.net/manifests/0006/007e8a3c834ca4bd3621067047cae78ffbf65fcd.json",  
      @type: "sc:Manifest",  
      label: "HK 1086, Die Ostindischen Inseln, IFL Leipzig"  
    },  
    - {  
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      n, IFL Leipzig"  
    }  
  ]  
}
```

The screenshot shows the Georeferencer.com website. At the top, there's a navigation bar with links for Features, Institutions, Business, Pricing, Help, and Sign in. Below the navigation is a map of the Grand Canyon area. Overlaid on the map is a JSON manifest snippet. A red arrow points from the "Paste URL here" input field in the bottom right corner of the screenshot towards the JSON code.

```
- {
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    @type: "sc:Manifest",
    label: "HK 1522, Tenerife, IFL Leipzig"
},
- {
```

Try it now

Open IIIF

Image or manifest

Upload a file

Paste URL here

Add

☰ Georeferencer This map Georeference View Transcribe Sign in

Kalaalit Nunaat
Sakmirutiak Imanga
Canada Hudson Bay Labrador Sea
United States of America México Cuba
Guatemala Colombia Suriname
Perú Brasil Bolivia Paraguay
Argentina Suda Atlantiko
Norda Atlantiko Island
United Kingdom Suomi Sverige
España Italia Grecce Türkiye
Tunisia Libya Egypt Oman
Mali Niger Chad Eritrea Ethiopia
Guinée République démocratique du Congo Zimbabwe Madagascar
South Africa
Kazakhstan Kyrgyzstan Mongolia
Ukraine
Please, place a few more points.

Side by side Overlay Coordinates Clip

HK 1522, Tenerife, I...

+ -

? Save

MapTiler © OpenMapTiles © OpenStreetMap contributors

This image shows a georeferencing application interface. On the left, a world map displays various geographical features and labels. On the right, a detailed historical map of the island of Tenerife is shown. The interface includes a toolbar at the top with options like 'Side by side', 'Overlay', 'Coordinates', and 'Clip'. A message box on the world map says 'Please, place a few more points.' There are zoom controls (+, -, ?) and a save button at the bottom right.

☰ Georeferencer This map Georeference View Transcribe Sign in

HK 1522, Tenerife, I...

PICO DE TEIDE

Side by side Overlay Coordinates Clip

Longitude -16.5481983° Latitude 28.026026°

MapTiler © OpenMapTiles © OpenStreetMap contributors

It looks like this map is finished Save

☰ Georeferencer This map Georeference View Transcribe

HK 1522, Tenerife, I...

2D | 3D BETA | Image

+

-

?

MapTiler © OpenMapTiles © OpenStreetMap contributors

Overlay & compare

What next?

The central feature is a historical map of the island of Tenerife, showing coastal towns like Puerto de la Cruz, Candelaria, Güímar, and Fasnia, along with interior settlements such as Santiago del Teide, Adeje, and Los Cristianos. The map includes a compass rose, a scale bar, and a color-coded legend. A large circular selection tool is overlaid on the map, centered on the northern coast. To the left, a smaller inset map shows the island of La Gomera with towns like Vallehermoso, Agulo, La Calera, and Alajeró. To the right, another inset map shows the northern coast of Gran Canaria with towns like Gáldar, Agaete, La Aldea de San Nicolás, La Solana, and San Bart de Tira. The top right corner displays a file reference "HK 1522, Tenerife, I...". The interface includes standard map controls (zoom in/out, search, help) and a navigation bar at the top.

Ausblick

Handschriftenportal Deutschland

Kooperationsprojekt

- Staatsbibliothek zu Berlin
- Universitätsbibliothek Leipzig
- Bayerische Staatsbibliothek
- HAB Wolfenbüttel



Deutsche
Forschungsgemeinschaft

Handschriftenportal Deutschland

- IIIF als Basistechnologie für die Präsentation
- Interaktion zwischen Text und Bild
- IIIF-Hosting-Service der UB Leipzig
- später: Ausbau zum Workspace



Zukünftige Entwicklung der IIIF APIs

- IIIF AV und Presentation API 3.x
 - Wechsel von Open Annotation Data Model zum W3C Web Annotation Data Model
 - Unterstützung von Videoquellen
 - Unterstützung von 3D?
 - HTTPS-“Problem”

Institutionell gesehen

- Umsetzung der **Open Digitization Policy**

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- unter CC0 bzw. CC-PD-Mark
 - IIIF-kompatible
-
- Werkstatt-Schaufenster: <https://digital.ub.uni-leipzig.de>

VIELEN DANK!

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Bereichsleiter Digitale Dienste
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Web: www.ub.uni-leipzig.de



<http://iiif.io>