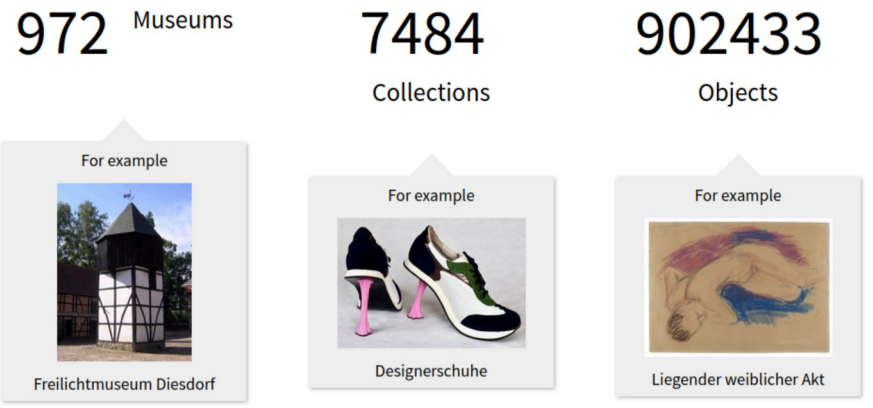
IIIF at museum-digital

IIIF at museum-digital

IIIF at **museum-digital**

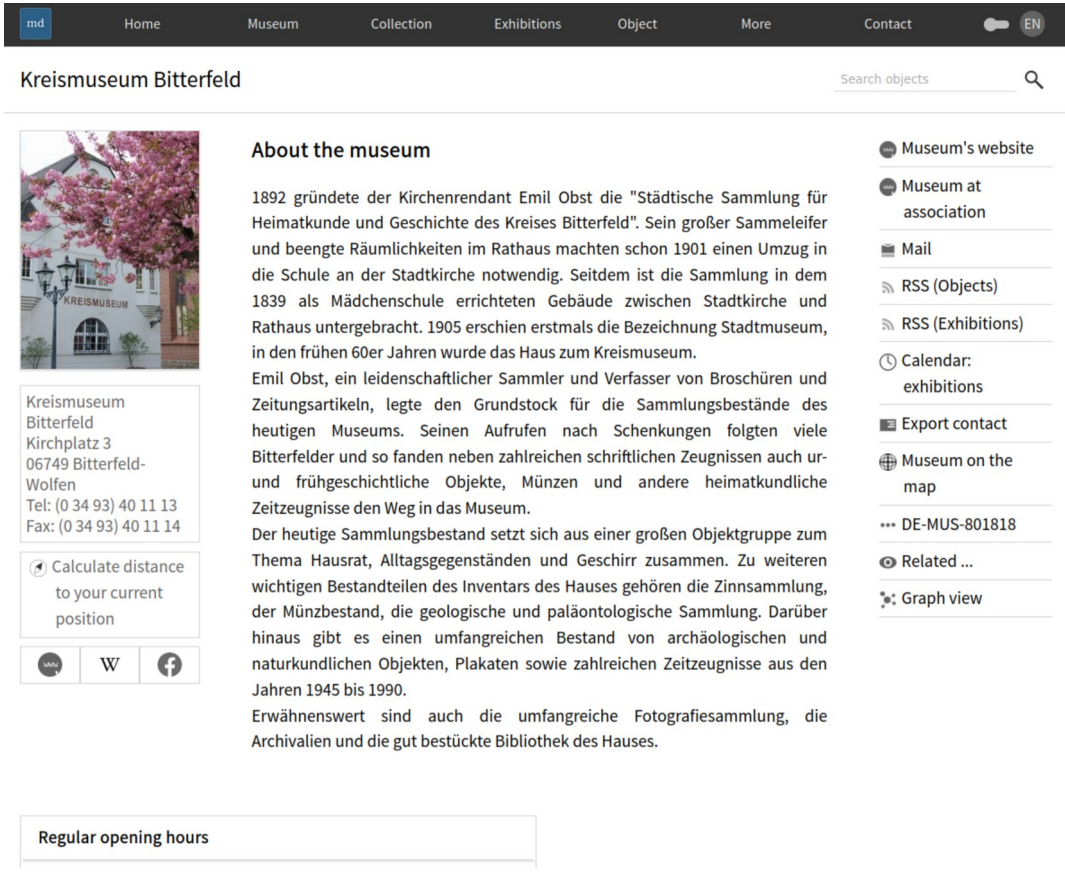
- More than 900 museums
  - Mostly from Germany and Hungary
  - Publish their collections together
  - Many use museum-digital for collection management



IIIF at **museum-digital**

Founded and coming from small museums...

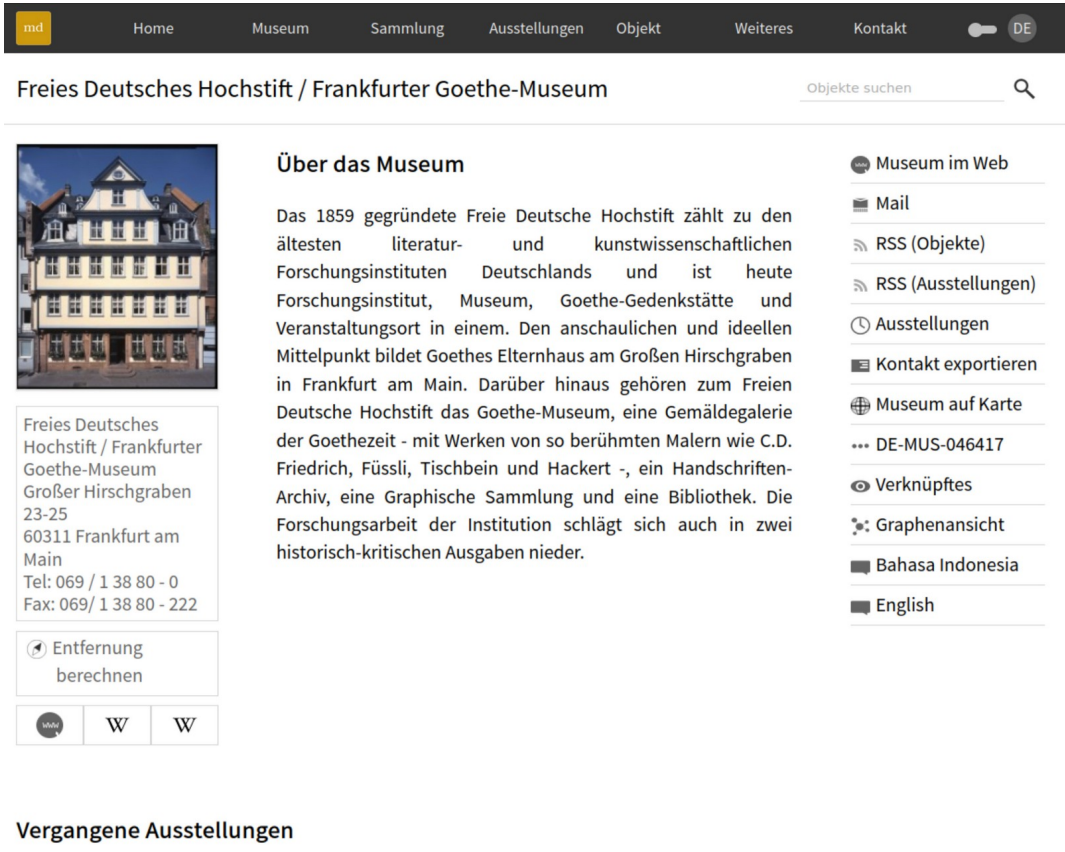
[Kreismuseum Bitterfeld;
Images hosted at museum-digital]



IIIF at **museum-digital**

But there are larger museums as well …

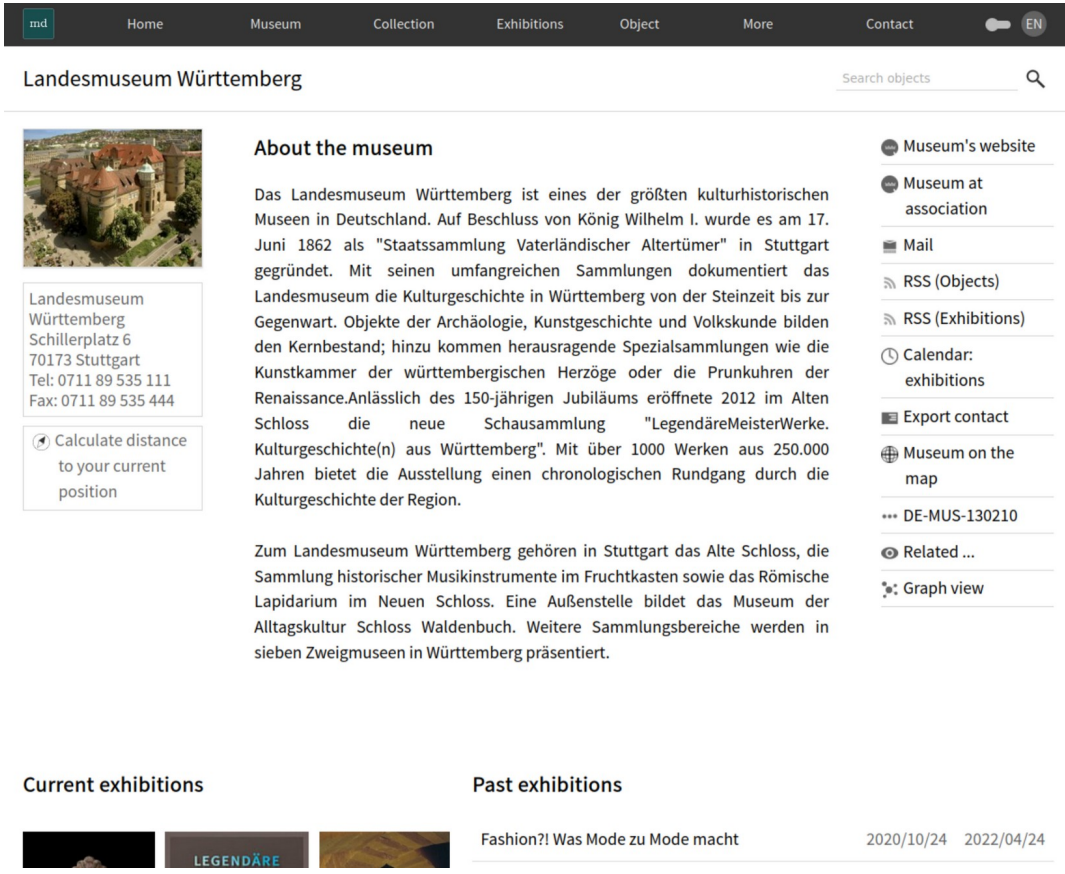
[Freies Deutsches Hochstift; Images hosted at museum-digital]



IIIF at **museum-digital**

… yet larger museums as well …

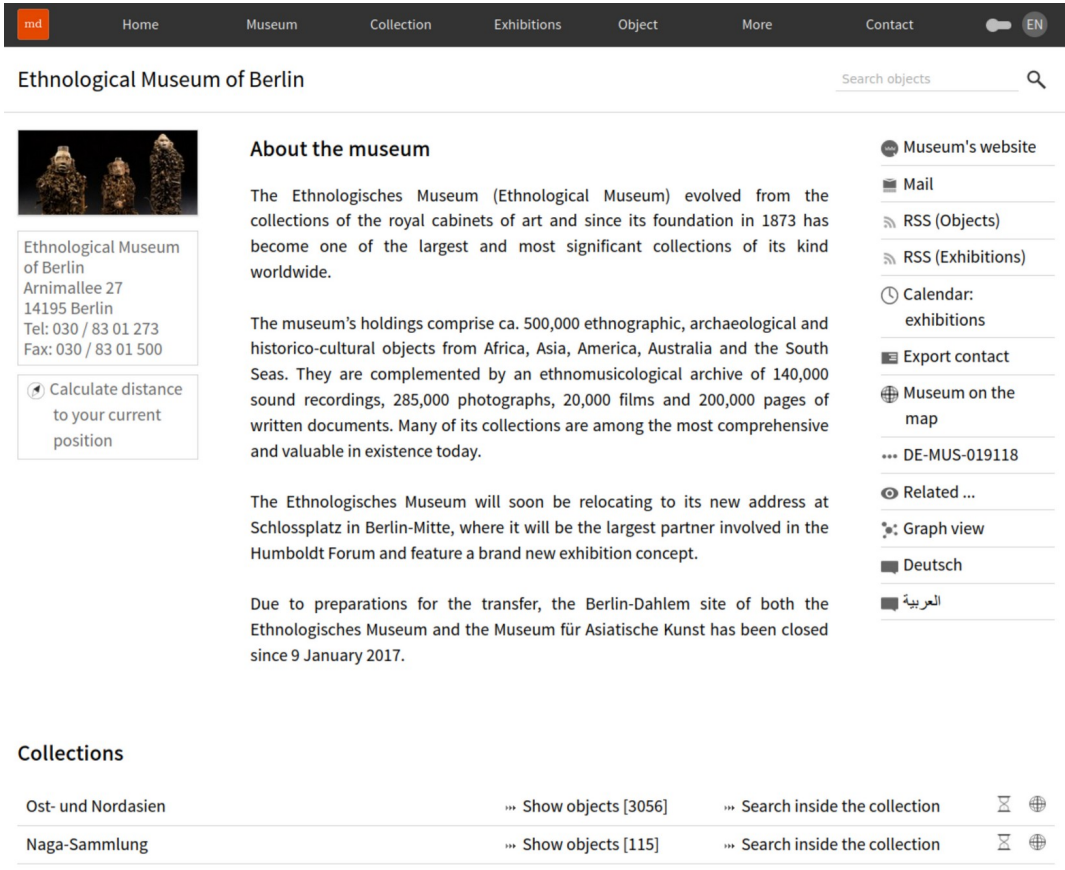
[Landesmuseum Württemberg;
Images hosted on own image server]



IIIF at **museum-digital**

… and really large
Museums as well …

[State Museums of Berlin;
Images hosted on own image server]



IIIF at museum-digital

IIIF relies on *server-side* image manipulation

To offer a IIIF API, one needs to host the media files

museum-digital only hosts ~ 70%
of the displayed media files

IIIF at museum-digital

Generally

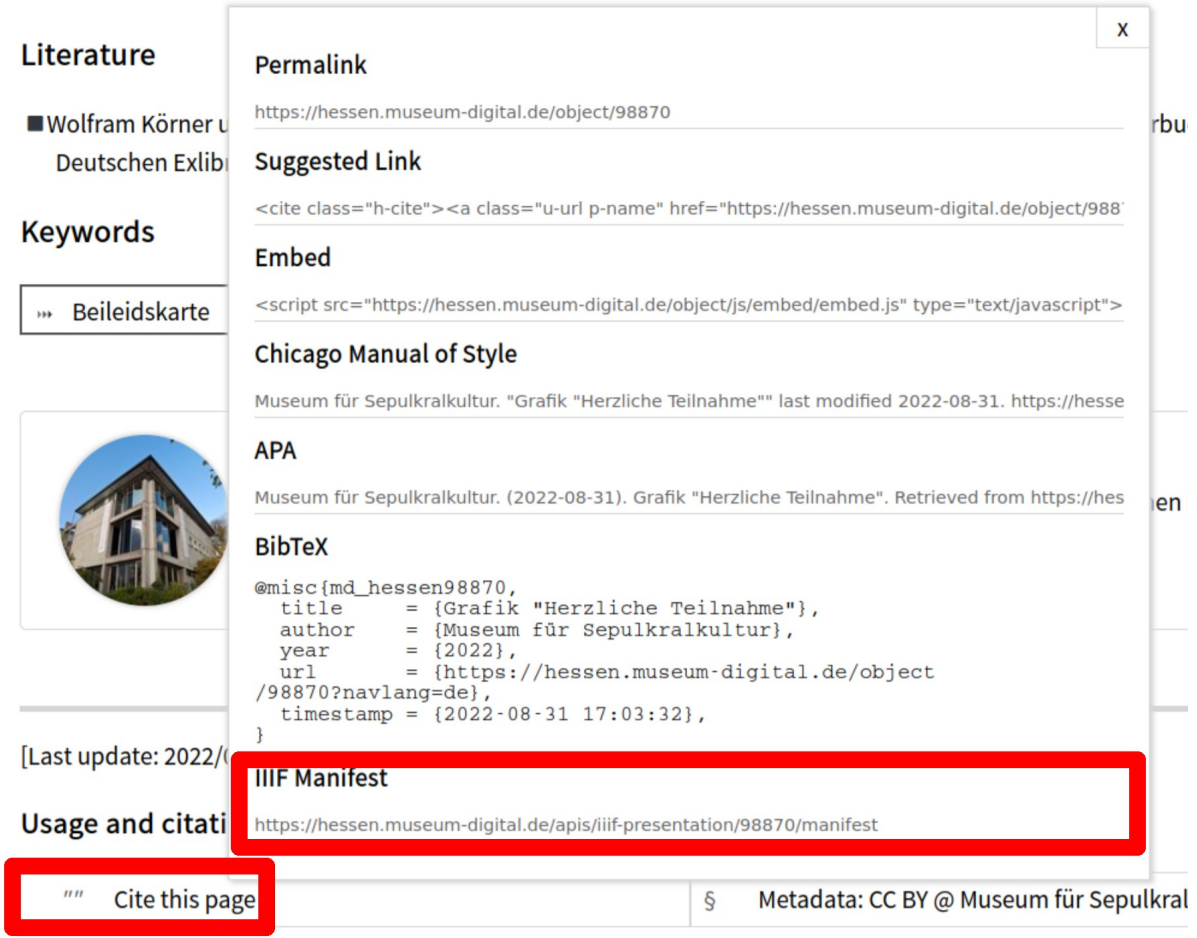
Always limited to internally hosted images

2020

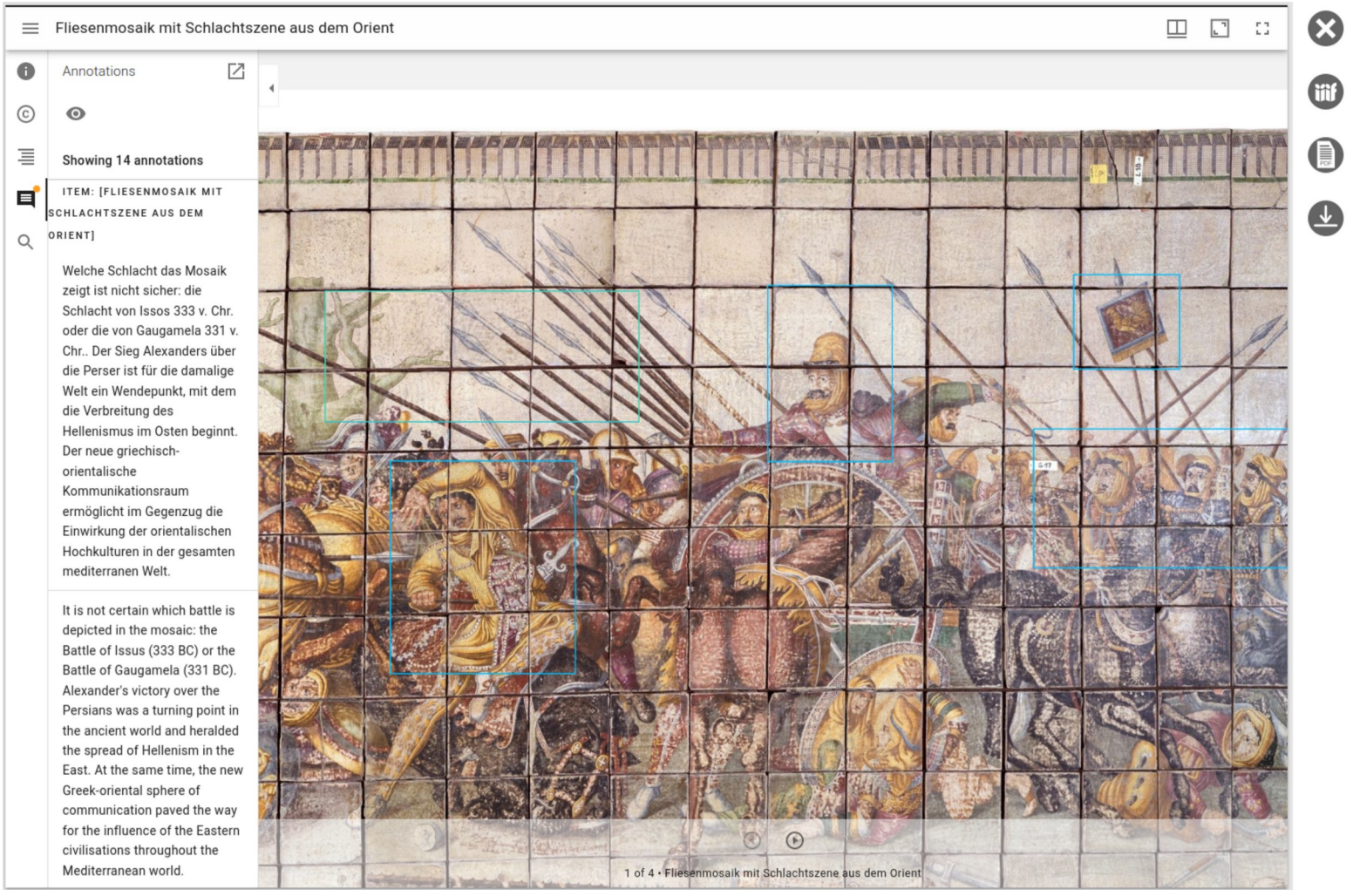
Implemented of IIIF API
- Presentation, Image, Annotation
- Without IIIF viewer
- Own implementation
- based on imagick

2022

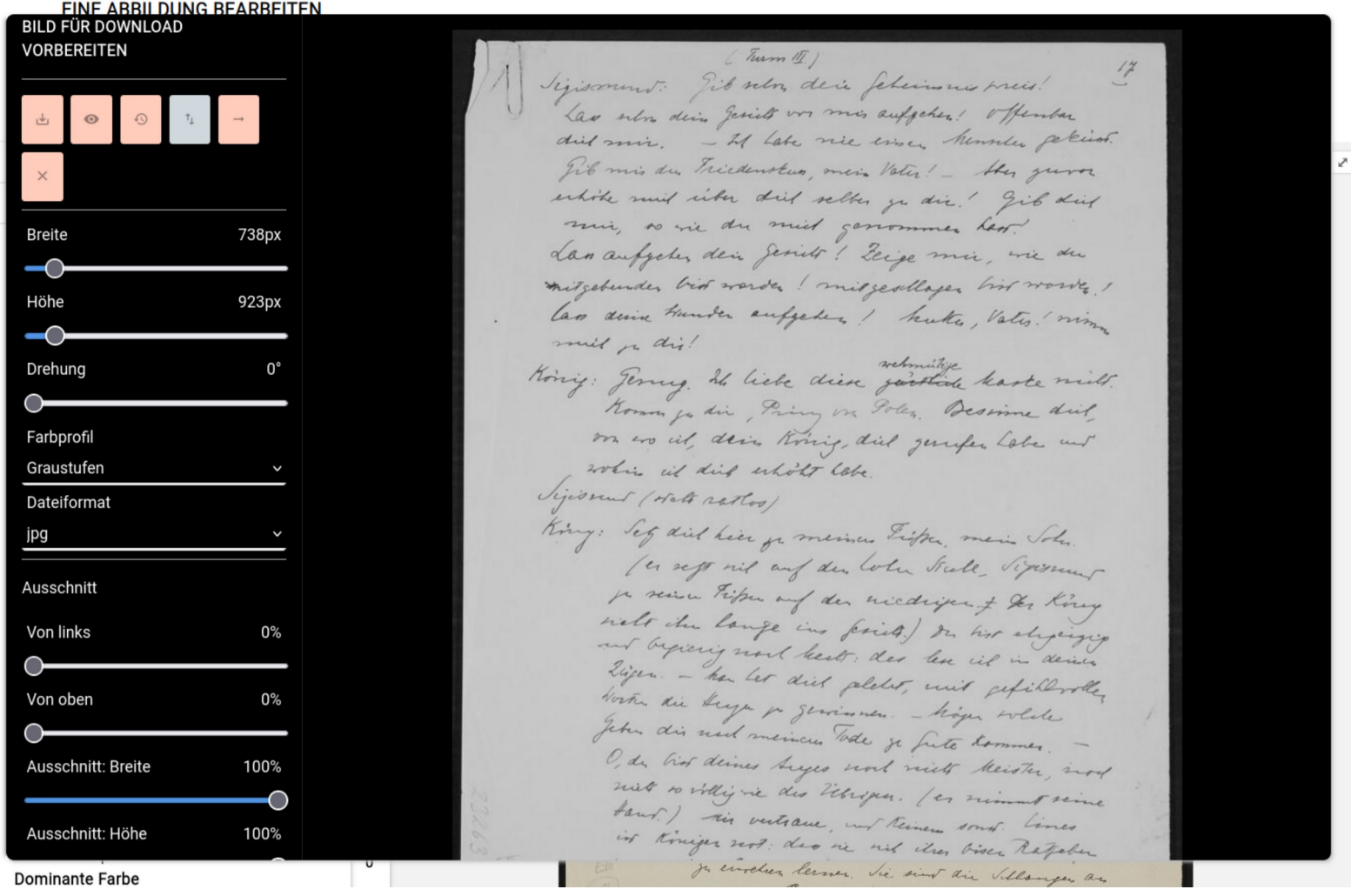
Replaced imagick with VIPS
Added IIIF viewer (Mirador)
Added IIIF Collections API



Get a IIIF manifest



Built in IIIF viewer (Mirador)



Internal use: “Prepare for Download”

Security considerations

- *Content security policies (CSPs)* allow restricting access to external resources
- IIIF viewers require "`connect-src`" access to external resources for comparing images from different sources
- IIIF viewers ideally should be hosted on an independent subdomain if comparing images is allowed
- museum-digital's Mirador has comparisons disabled

Lessons learned

Let people know about your implementation!

Don’t use imagemagick!

Accept incompleteness (external images, CSPs)

Regardless, the IIIF ecosystem is full of good tools.
Everybody is very happy about the implementation
(museum workers, researchers, funding bodies).

Thank you!

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joshua@museum-digital.de

MUTEC
IIIF Outreach Track
November 22, 2022, 12:30
Online and in Leipzig

This presentation is licensed under CC BY 4.0. An archived version can be found at files.museum-digital.org.