Annotating Historic Maps with YUMA

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What is YUMA?

• An annotation framework for multi-media objects on the Web
• A set of tools developed for Europeana
• Open-source software
• Infrastructure for cooperative research
What is YUMA?
YUMA and Historic Maps

History
Technology
Geography
Art
Demo / Screencast

http://dme.arcs.ac.at/annotation/
YUMA and OAC

- YUMA implements the following models:
  - LEMO (default)
  - OAC Alpha 3 (beta)
- OAC should become the default model
One of these lakes must be Cayuga Lake...
Collection & Audience

- 6000 JP2 high resolution scans from the Library of Congress
- Scholars from map history domain (MapHist mailing list)
- Non expert-users from the Web
"map of north america 1803"

Your task: Do you think the label "map of north america 1803" is suitable for this map? Please decide by selecting YES or NO. You can also add your own labels (separated by a comma) if you want.

Map Controls: Zoom with your mousewheel or the + and - keys. Click, hold and drag to move the map.
YUMA/OAC - Open Issues

- How to address tiled annotation targets?
- Implement Content Negotiation?
- Is an annotation an IR or an NIR?
- Blank nodes vs. (fragment) URI nodes
- Fragment representation
Further Infos

http://dme.arcs.ac.at/annotation

https://github.com/yuma-annotation/

Simon et al: Semantically Augmented Annotations in Digitized Map Collections. To be presented at JCDL 2011

Haslhofer et al: Augmenting Europeana Content with Linked Data Resources. Linked Data Triplification Challenge 2010

Simon et al: Tag Clouds and Old Maps: Annotations as Linked Spatiotemporal Data in the Cultural Heritage Domain. Workshop on Linked Spatiotemporal Data 2010