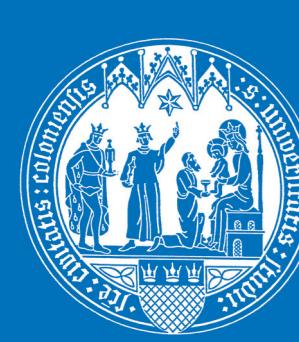


# MOM-CA. A virtual and collaborative research environment



mom

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## AIMS

- MOM-CA aims at developing the means for expert researchers and interested enthusiasts to view and browse a broad spectrum of historical source materials, starting with more than 200.000 medieval and early modern charters including detailed metadata and high quality digital images.
- MOM-CA provides users with all necessary tools to improve the large amount of already existing data for its various historical sources or to create new editions completely from scratch.
- MOM-CA enables the owners of the original source material and other content moderators to review all changes made to a digital representation of any original source and communicate with its editors to ensure professional quality and scientific accuracy.
- MOM-CA uses modern XML standards and technologies (XRX) to ensure high data portability and reliable performance and is OpenSource software (1).

A screenshot of the MOM-CA interface showing a single object view of a medieval charter. The page includes a large image of the charter, its transcription, and detailed metadata such as date (1256), location (duben 19, Praha), and author (Karel BERÁNEK - Věra UHLÍŘOVÁ). It also shows a color calibration bar and a small image of a seal.

Single object view

## FEATURES FOR RESEARCHERS

- Browsing through over 80 fonds and collections from institutions in 10 European countries
- Full text search with different filter possibilities
- Comfortable display of all documents using modern web technologies
- High image quality
- Progressive zoom on all images
- Additional image viewer with various display and image enhancement features
- Bookmarking interesting documents for convenient access



## USAGE EXAMPLES

- DFG Project "Virtual German Charters Network" (2)
- Lecture Series (2008-2011) "Digitale Medien in der Geschichtswissenschaft": University of Vienna (3)
- Extensive use at the university of Naples' history department (4)
- Edition of the charters of the archives of the Katharinenspitalstiftung Regensburg (5)
- Christina Tükör, Genitiv im Frühhochdeutschen, Diplomarbeit (Wien 2008) (6)
- Ellen Bošnjak: Der Übergang zur Kurrentschrift in süddeutschen Privatkunden. Untersucht am Beispiel des Bestandes Stadtarchiv Bregenz. in: Autographes, actes du XVIIe colloque du CIPL, hg. v. Natasa Golob, im Druck.

A screenshot of the search interface showing a search for 'Karlmann'. The results show a list of documents related to Karlmann, with options to sort by date or relevance.

A screenshot of the search results interface showing two charter entries. The first entry is about King Karlsman giving four hubs to the church of Trnava. The second entry is about King Karlsman giving land to the Monastery of Kremsmünster.

Search and results

## HISTORY

- 2005: Start of the development of editMOM
- 2006: First public mention at .hist 2006
- 2007: Replacement for the old database software
- 2008: Renamed to MOM-CA
- 2008-2010: Complete redesign of the database software
- 2011: Release of MOM-CA 1.5

A screenshot of the Archives overview page. It displays a grid of European countries with their names and some links to their archival resources. Countries include Österreich (AT), Deutschland (DE), Italien (IT), Slovenia (SI), Schweiz (CH), and others.

Archives overview

## UPCOMING FEATURES

- Ability to merge interesting documents into a public user collection
- Complete redesign of the XML editor using AJAX instead of a JAVA applet
- Improved user and contribution management for moderators
- Further search engine optimization
- Improved search by using metadata categories

A screenshot of the fond overview page for 'Archivio Privato Carrano'. It shows a large image of a document, basic information like date (1270-1349, 1349-1408), and a brief description of the collection.

Fond overview

## POSSIBILITIES FOR COLLABORATION

- User page for easy access to all documents in use
- Completely web based editor
- Easy to use and context sensitive XML markup feature
- Access to a wide range of metadata tags including the possibility to mark persons, locations and other content depending on the object's XML Schema
- Cloud based storage of all edits
- Sending all changes on the item to the item's moderator for quality control
- Publishing all changes

A screenshot of the XML editor applet. It shows a document with XML code and various metadata fields for editing, such as 'reference nr.', 'place where...', 'date when...', 'date when is...', and 'date in the ori...'. A note at the bottom right discusses the formation of the Archivio Carrano.

XML editor applet

## LINKS

- <http://www.mom-wiki.uni-koeln.de/>
- <http://www.hki.uni-koeln.de/virtuelles-deutsches-urkundennetzwerk>
- [http://online.univie.ac.at/vlvz?lnr=070405&show\\_info\\_gruppe=1&semester=W2010&inclu de=kurzkommentar,leistungskontrolle,voraussetzung,literatur,methoden&exclude=inf\\_link](http://online.univie.ac.at/vlvz?lnr=070405&show_info_gruppe=1&semester=W2010&inclu de=kurzkommentar,leistungskontrolle,voraussetzung,literatur,methoden&exclude=inf_link)
- <http://www.slideshare.net/icaruseu/antonella-ambrosio-monasterium-from-the-research-to-the-didactics-at-the-university-of-naples>
- <http://www.mom-ca.uni-koeln.de/mom/DE-AKR/Urkunden/fond>
- [http://germanistik.univie.ac.at/fileadmin/user\\_upload/inst\\_germanistik/Wiss\\_Arbeiten/tuekoer.pdf](http://germanistik.univie.ac.at/fileadmin/user_upload/inst_germanistik/Wiss_Arbeiten/tuekoer.pdf)