MOM-CA.
A virtual and and collaborative research environment
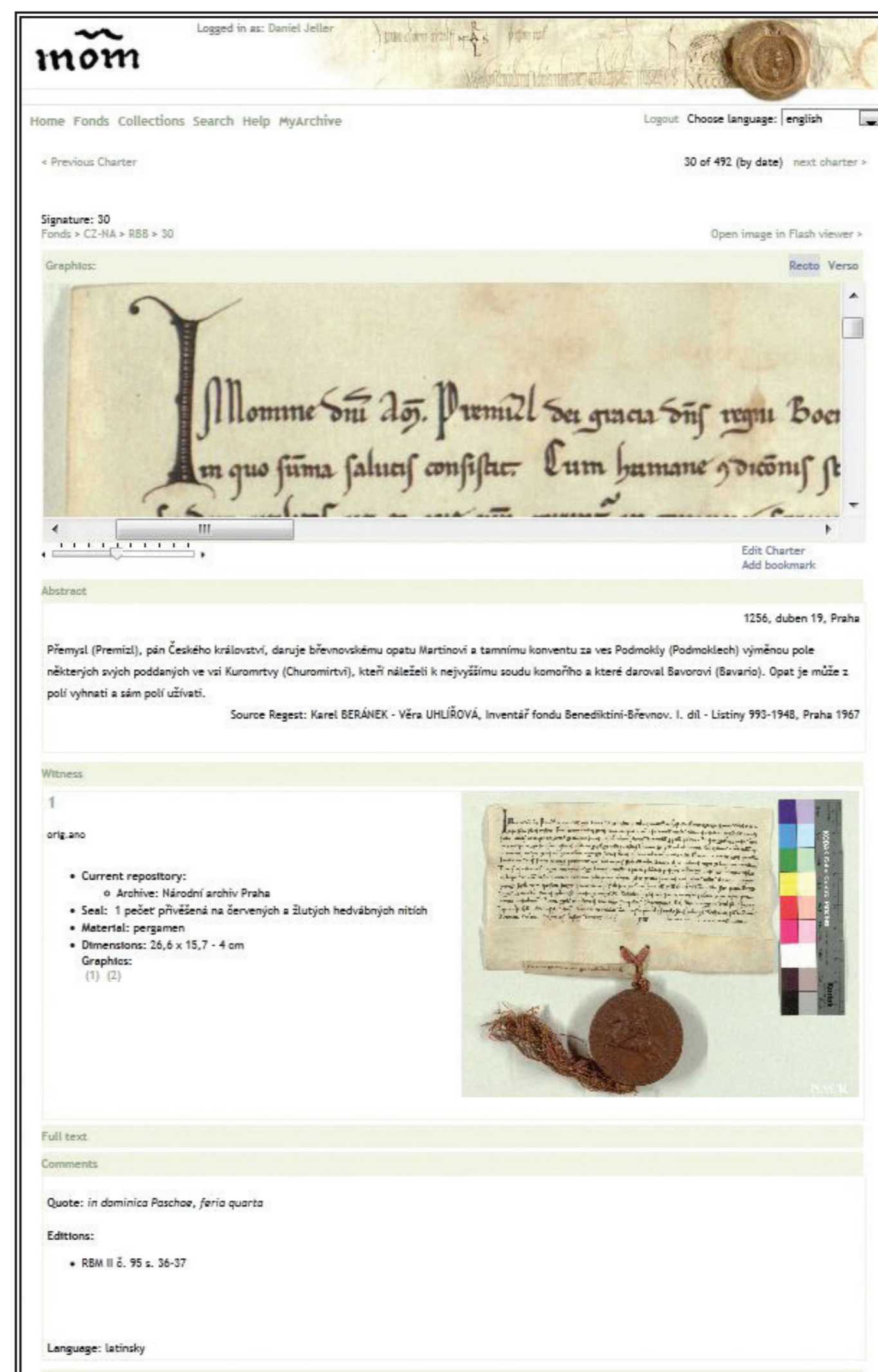
Daniel Jeller – ICARUS
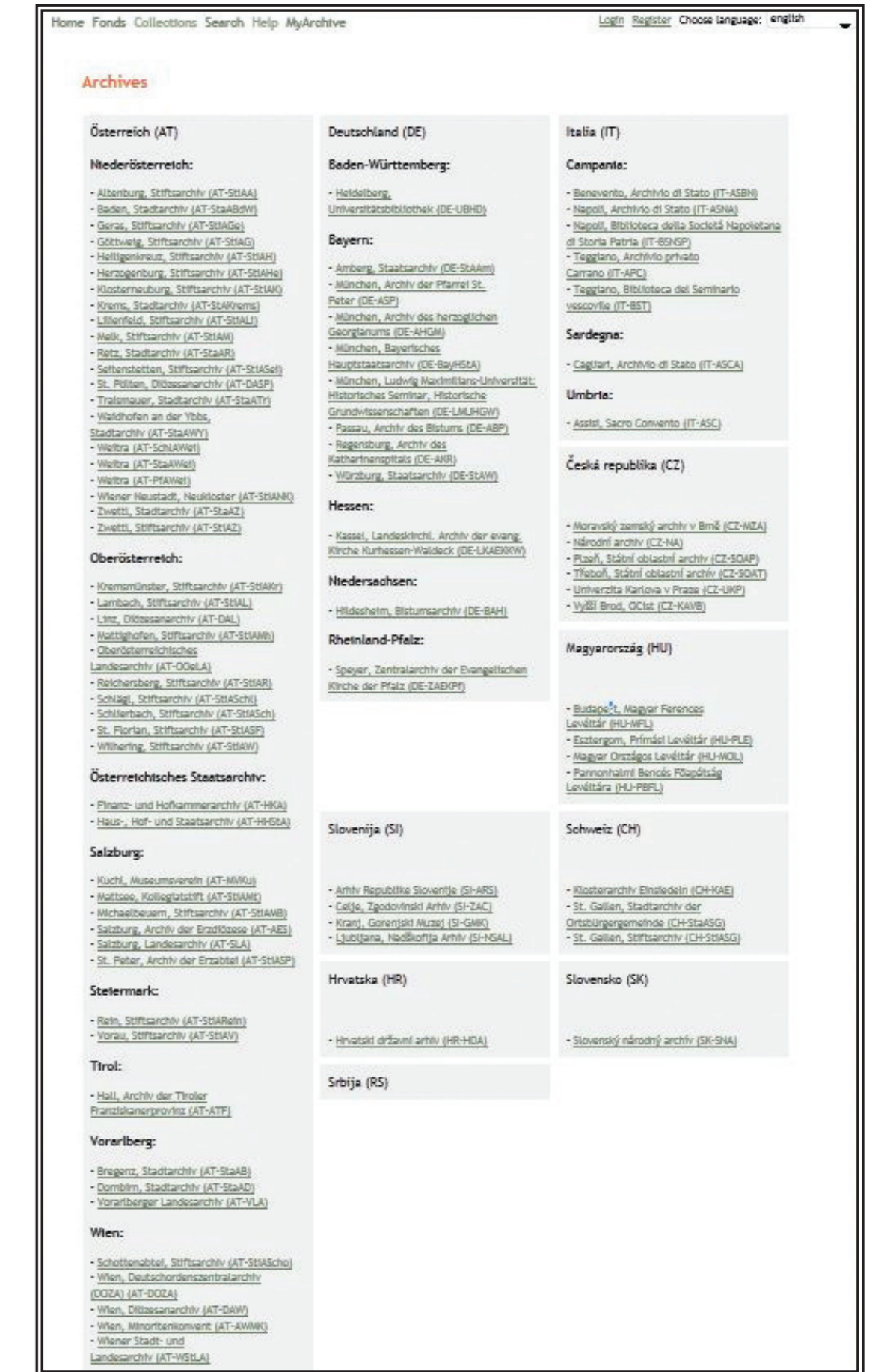info@icar-us.eu
http://www.mom-ca.uni-koeln.de

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).**
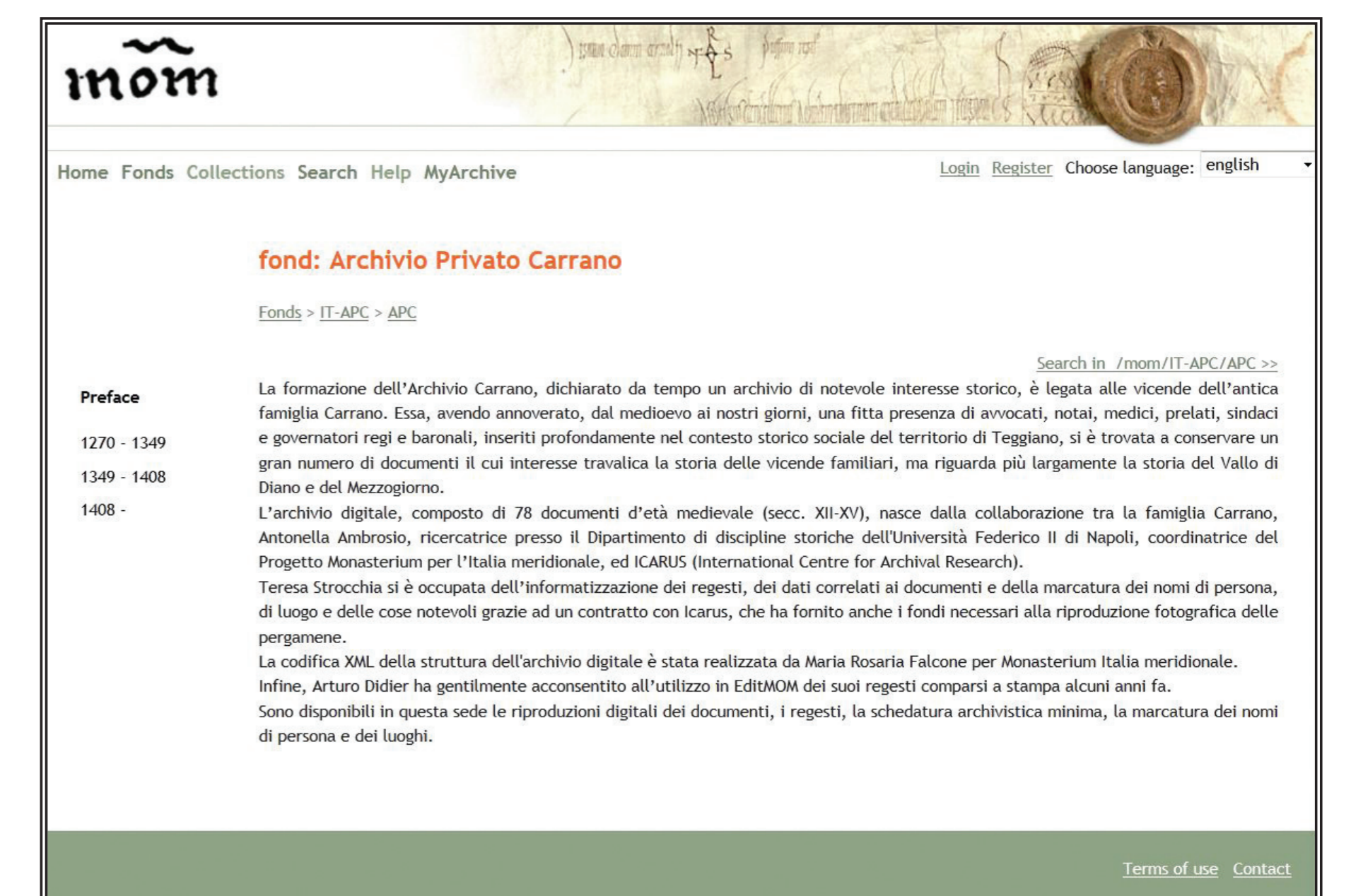
Single object view

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**

Flash image viewer

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 Privaturkunden. Untersucht am Beispiel des Bestandes Stadtarchiv Bregenz. in: Autographes, actes du XVIIe colloque du CIPL, hg. v. Natasa Golob, im Druck.**

Search and results

HISTORY

- **2005: Start of the development of editMOM**
- **2006: First public mention at the .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**

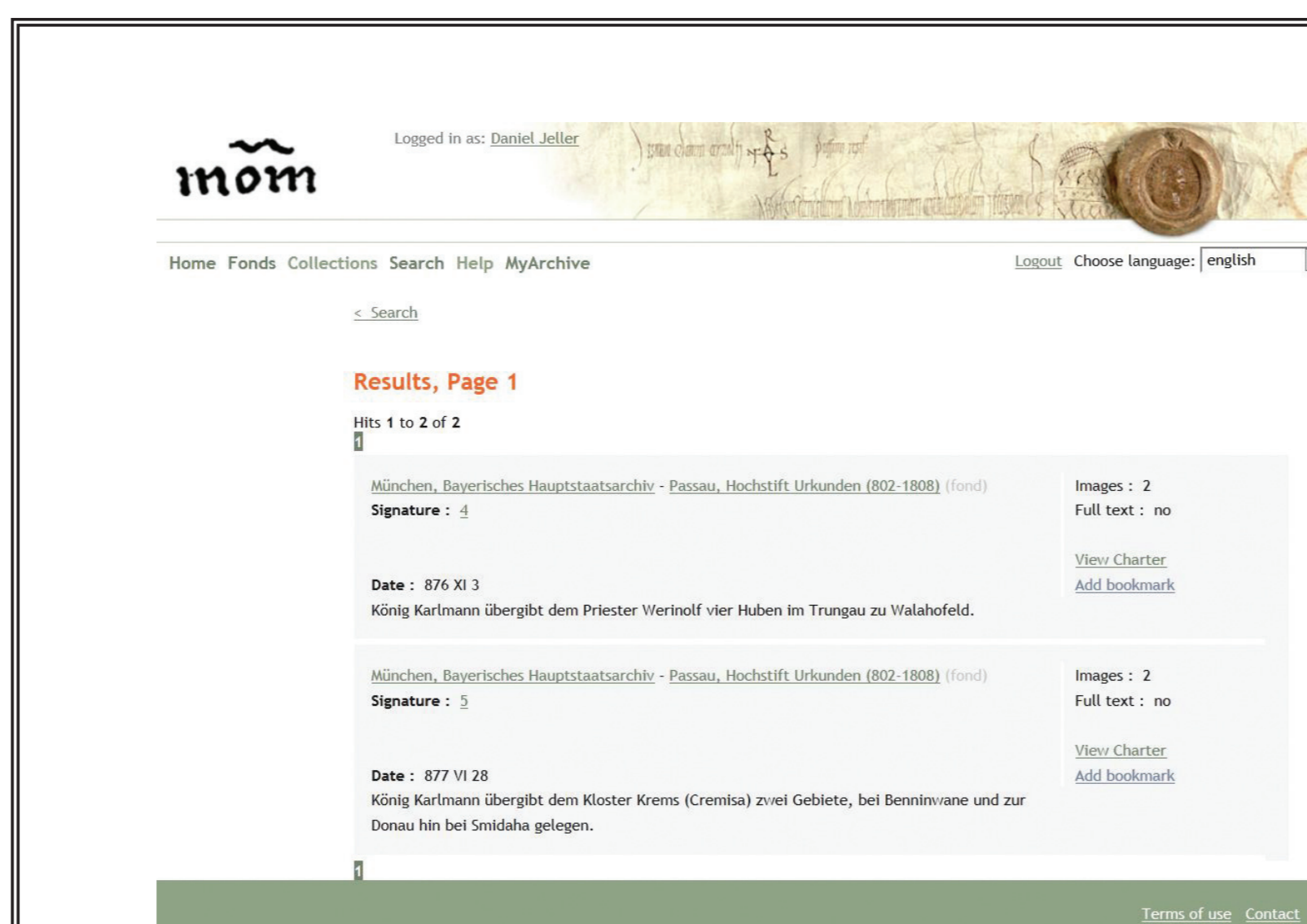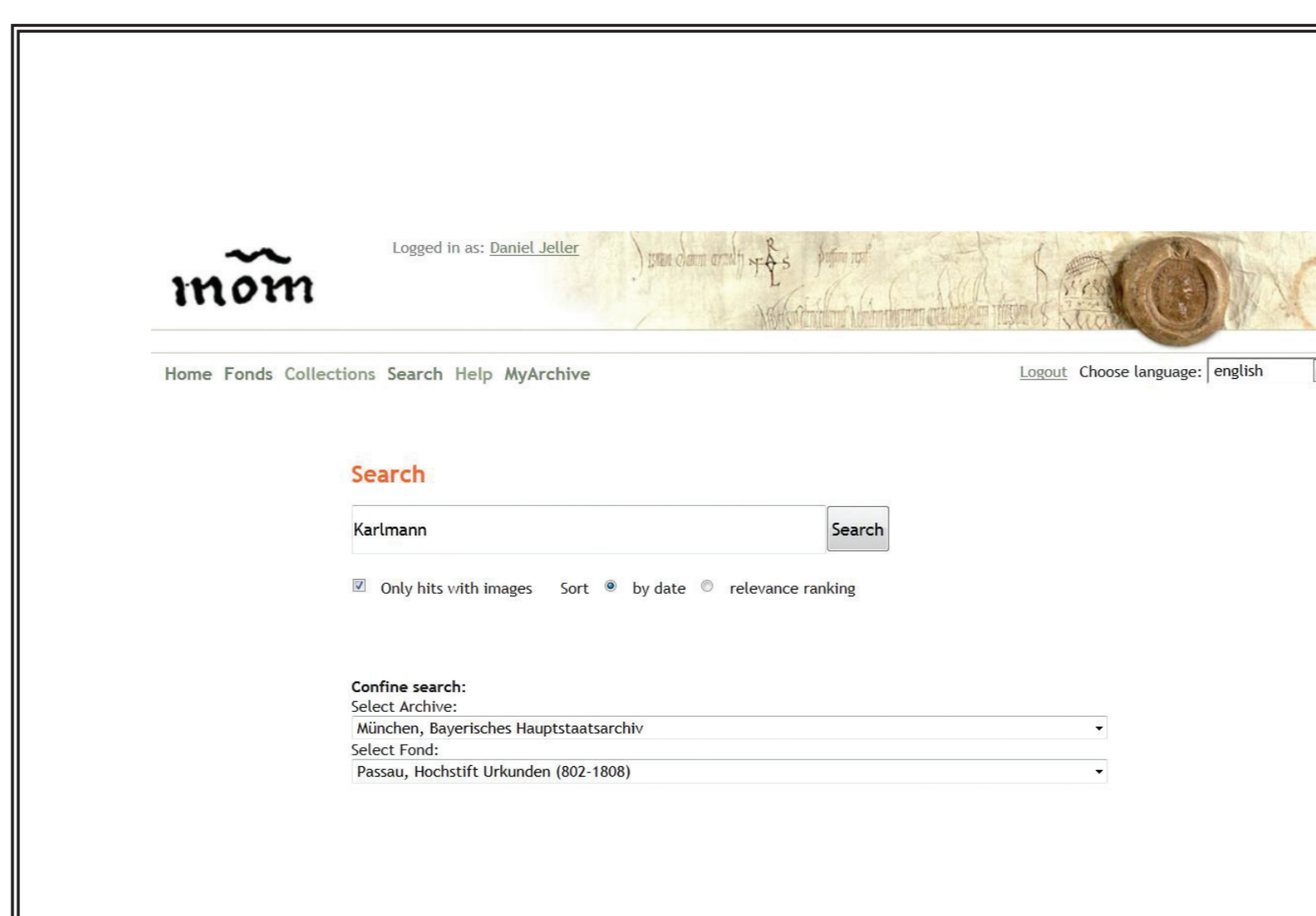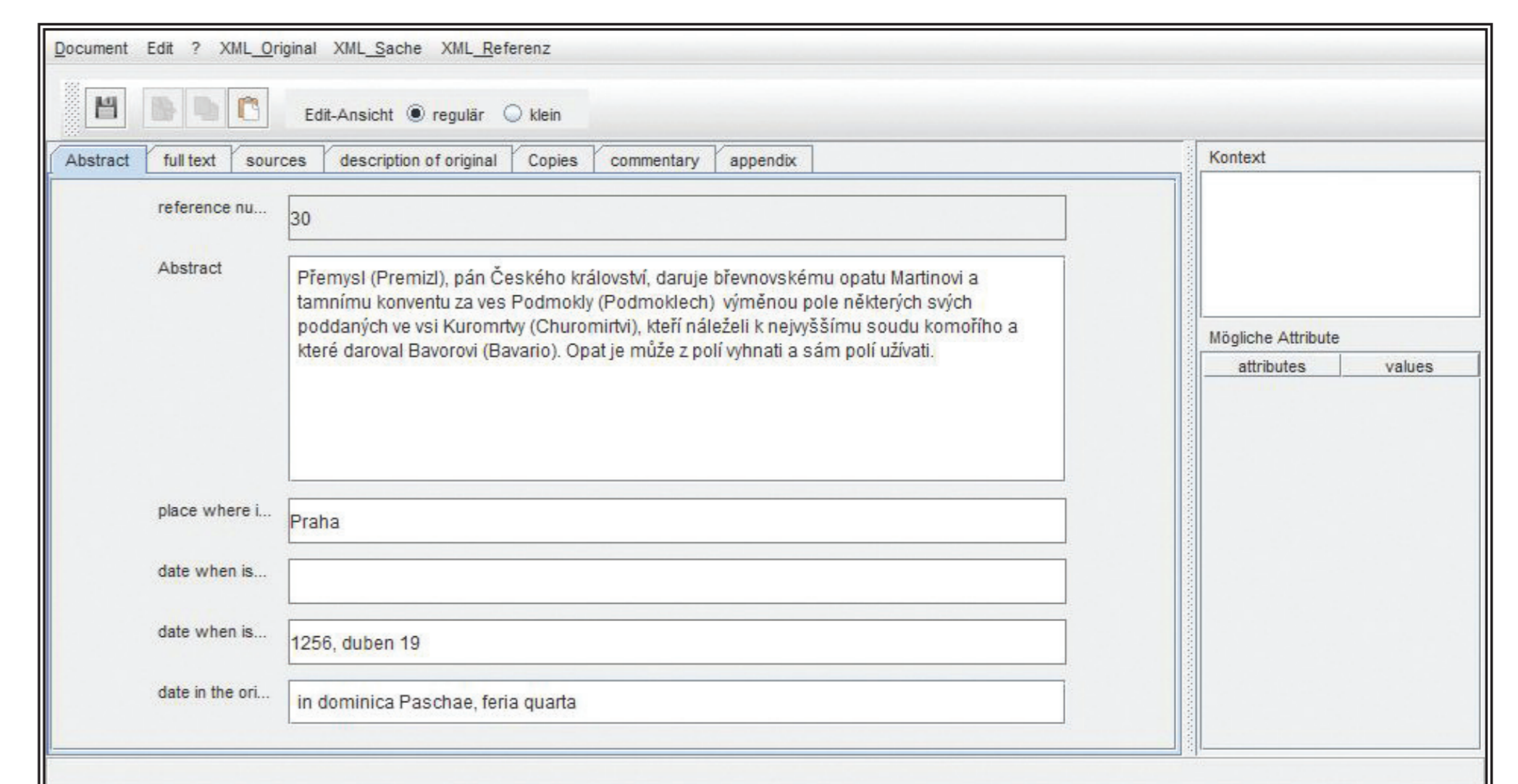*Archives overview*

UPCOMING FEATURES

Fond overview

- **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**

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**

XML editor applet

LINKS

1. http://www.mom-wiki.uni-koeln.de/
2. http://www.hki.uni-koeln.de/virtuelles-deutsches-urkundennetzwerk
3. http://online.univie.ac.at/vlvz?lvnr=070405&show_info_gruppe=1&semester=W2010&include=kurzkommentar,leistungskontrolle,voraussetzung,literatur,methoden&exclude=inf_link
4. http://www.slideshare.net/icaruseu/antonella-ambrosio-monasterium-from-the-research-to-the-didactics-at-the-university-of-naples
5. http://www.mom-ca.uni-koeln.de/mom/DE-AKR/Urkunden/fond
6. http://germanistik.univie.ac.at/fileadmin/user_upload/inst_germanistik/Wiss_Arbeiten/tuekoer.pdf