

CENDARI

CENDARI is a research infrastructure project aimed at integrating digital resources from the medieval and WWI eras, with an emphasis on those that might be less well known
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<p>World War I Case Study</p> <p>'Green Cadres' in Austria - Hungary</p> <ul style="list-style-type: none"> ■ Historiographically and empirically original ■ Methodologically traditional <p><small>This case study focuses on rural violence during the collapse of Austria-Hungary in 1918, perpetrated by armed groups of revolutionary deserters known as 'green cadres' which were active across a vast territory of central and eastern Europe.</small></p> <p><small>It addresses a largely unknown, transnational phenomenon with sources in multiple languages, in repositories across at least seven countries.</small></p> <p><small>It is methodologically traditional, based mostly on undigitized, printed, archival sources. Much of the work is in finding these sources.</small></p>	<p>System Design & Technical Solutions</p> <p>Overcoming constraints in existing tools</p> <ul style="list-style-type: none"> ■ Focus is on discovery ■ Bridging analog and digital knowledge and practice <p><small>The tasks and challenges of the case studies translate into general functionalities in VRE</small></p> <p>Design goals for the VRE:</p> <ul style="list-style-type: none"> ■ Answer complex questions, not just search for multiple keywords ■ Disambiguate mentions to the same entity ■ Discover implicit knowledge ■ User-centered design <p><small>In CENDARI it is essential that queries made in the Virtual Research Environment follow processes historical researchers are familiar with.</small></p>	<p>Medieval Culture Case Study</p> <p>13th Century preacher Ramon Llull</p> <ul style="list-style-type: none"> ■ Historiographical innovation ■ Methodological challenges <p><small>Ramon Llull was a philosopher, mystic and novelist and was amongst the first to switch from Latin to the vernacular to popularize theological, philosophical and scientific matters.</small></p> <p><small>He provided a single methodological basis for all fields of knowledge, from theology to the natural and human sciences.</small></p> <p><small>Different aspects of Llull's work are represented in various, non-interoperable data-silos.</small></p> <p><small>Discovery, data integration and interlinking are key to analyzing the cultural phenomenon that Llull represents, in all its complexity.</small></p>
<p>Transformative potential of CENDARI lies in integrating historical approaches into the development of its research infrastructure</p>		
<p><small>The WWI case study reflects an increased tendency towards a more transnational and comparative approach to history.</small></p> <p><small>It exemplifies activities supported by CENDARI and allows the suitability and functionality of the system to be tested using real data and research methods.</small></p> <p>Call to Action for WWI Historians</p> <p><small>Find and connect dispersed archival sources to personal research</small></p>	<p>Ontology Mapping</p> <p><small>Target ontologies are pre-defined and linked to canonical instance representing the entity.</small></p> <p>Named Entity Recognition</p> <p><small>Users will have the opportunity to correct automatic NER results, and thus produce a "reference" data set.</small></p> <p>Semantic Reasoning</p> <p><small>Used to deduce implied knowledge based on expert defined semantics and the ontology language used to encode the knowledge.</small></p> <p>Call to Action for Computer Scientists</p> <p><small>Contribute to our services and work with real data and users</small></p>	<p><small>CENDARI wants to effect a methodological change in how historians work.</small></p> <p><small>New methods will emerge from answering new research questions.</small></p> <p>Call to Action for Medievalists</p> <p><small>Discover, map and integrate the entities in manuscripts</small></p>
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