

# CENDARI Virtual Research Environment & Named Entity Resolution techniques

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## VRE

The VRE interface displays a document titled 'Cadres Notes\_KA' from the 'Kriegsarchiv (KA), Vienna'. The document text includes historical reports from 1918, such as '64-418-72 Excerpt from Die Reichspost [date unclear] about several railway thefts undertaken by a gang calling itself "die grüne Brigade" in Galicia Mehrere Eisenbahnstehle bei einem Kampf gefolgt. Aus Krakau, 28 d wird Gemeldet [...] daß ein Club bei einem Einbrüche Verwendung einer Dynamitpatrone beide Füsse verlor. Wie der "Ginc Krakauer" weiters meldet, wurde [...]'. The interface also features a map of Europe with a highlighted region, and several visualization tools for entities: Persons, Adifacts, Events, and References.

- easy to use
- gentle learning
- unified interface: all services under one hood

## NER

The NER interface displays the same document as VRE, but with named entities highlighted in yellow. Examples include 'Kriegsarchiv (KA)', 'Wien', 'Kriegsarchiv (KA)', 'Aberbay (Abt.)', 'die grüne Brigade', 'Krakau', 'Lemberg', 'Ung. Hradisch', 'Lemberg', 'Ung. Hradisch', 'Miklós', 'Göncze Gilla', 'Annam Malin', and 'Wahl'. The interface also features a timeline visualization showing dates from January to October, and a list of references at the bottom.

- robust
- multilingual
- resolution against Freebase/Wikipedia