

Using CLARIN for Digital Research

DH2014 tutorial Workshop

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War in Parliament (WIP)

A demonstrator project which is making available the digitized collection of the proceedings of the Dutch parliament (Handelingen der Staten-Generaal) from the period 1930-1995

- *fully annotated dataset*
- *advanced search engine*
- *Based on XML, XSLT*
- *CLARIN infrastructure compliant standards and formats*
- *research questions relating to references to World War II, to examine and explore how such references were deployed in parliamentary discourse*
- *a case study of the debates surrounding the Boerenpartij (Farmers Party)*

Will availability of reliable tools makes it easier for non-specialists and those outside of the academy to use these resources, which are of interest to journalists, writers, politicians and the general public, as well as academic historians?



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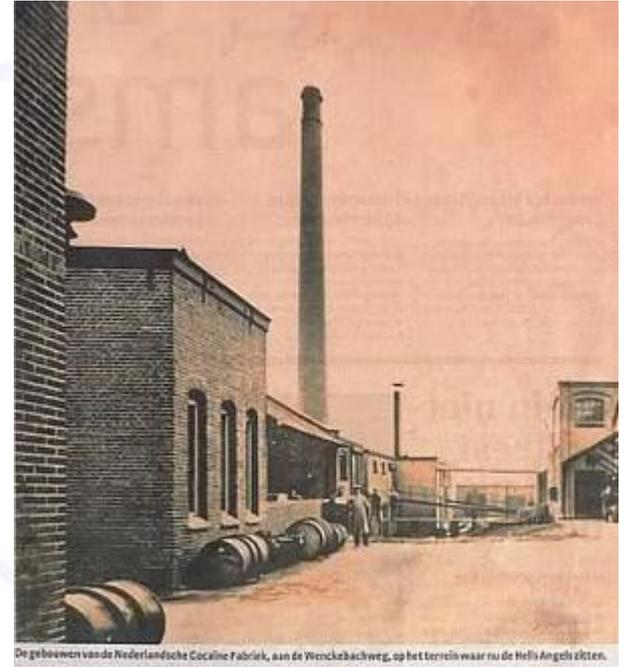
DANS, NL

Project leader

Hinke Piersma

(web application for historical sentiment mining in public media)

- *using and populating the basic CLARIN infrastructure to enable advanced forms of text mining in large historical datasets of newspapers and journals*
- *search engine for the digital newspaper collection of the KB, National Library of the Netherlands*
- *convert a specific text mining technology, so-called 'sentiment mining', into an accessible CLARIN compliant web application*
- *semi-automatic and interactive open-source application that extracts relevant data from a mass of apparent irrelevance*
- *learning more about 'public sentiments' regarding drugs between 1900 and 1945*
- *searching large and broad datasets to make visible 'hidden' debates around the use and abuse of drugs*
- *does not replace, but supports the intuition and insights of the scholars*



CLARIN Centre

Huygens-ING, NL

Project leader

Toine Pieters

• *VisArgue – Why and when do arguments win?*

A team of linguists, information scientists and political scientists asked the question: when are political negotiations successful and why are they successful? In particular, we want to develop automatic tools that analyse political discourse, allowing to draw conclusions on its effectiveness.

• Public mega-projects repeatedly create conflicts between governments and the public sphere and their realization has become a incalculable risk for political decision makers. Therefore we want to investigate the factors that make political communication successful.

• This complex task can only be tackled using an innovative combination of methods from different areas of research. These methods include

- a deep and detailed linguistic processing of real mediation processes to generate an abstract representation of communication*
- a shallow, statistical analysis of text to detect common patterns in negotiations*
- the development and employment of visualization tools which identify patterns of communication at-a-glance*



VisArgue

Centre

Uni-Konstanz, DE

Project leader

Miriam Butt