

CLARIN / CLARINO: An infrastructure supporting Open Science in the Digital Humanities

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CLARINO



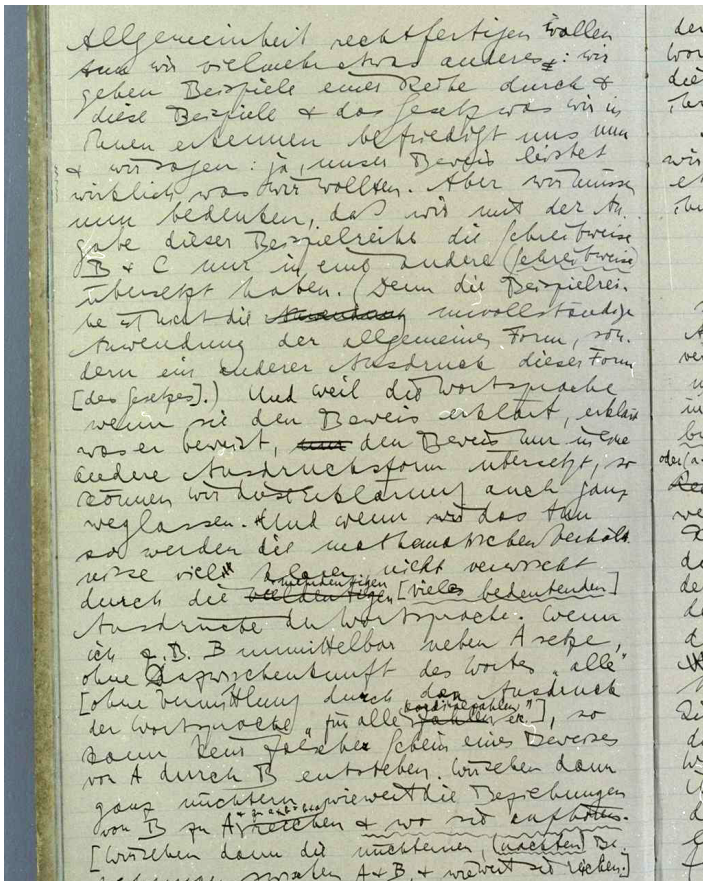
Digital curation at the core of DH

“Curation, analysis, editing, and modeling comprise fundamental activities at the core of DH.”

“The capacity with digital media to create enhanced forms of curation brings humanistic values into play in ways that were difficult to achieve in traditional museum or library settings.”

(Burdick et al. 2012:17–18)

Organized support for digital curation, analysis, editing and modeling involves “platforms, tools, and infrastructures” which “depend upon the basic building blocks of digital activity: digitization, classification, description and metadata, organization, and navigation” (Burdick et al. 2012:17)

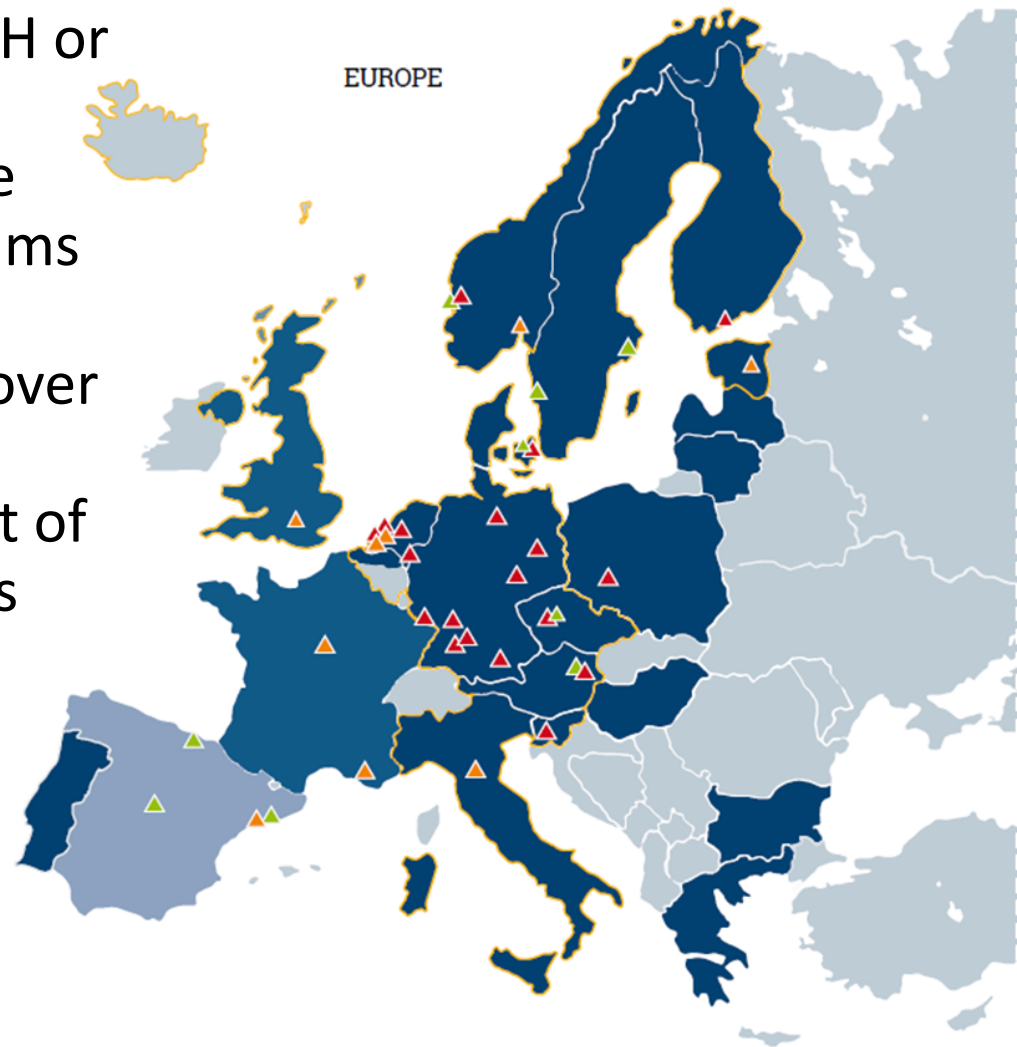


Allgemeinheit rechtfertigen wollen tun wir vielmehr etwas anderes, <:> wir gehen Beispiele einer Reihe durch & diese Beispiele & das Gesetz was wir in ihnen erkennen befriedigt uns nun & wir sagen: ja, unser Beweis leistet wirklich was wir wollten. Aber wir müssen nun bedenken, daß wir mit der Angabe dieser Beispielerihe die Schreibweise **B** & **C** nur in eine andere <(> Schreibweise <)> übersetzt haben. (Denn die Beispielerihe ist nicht die Anwendung unvollständige Anwendung der allgemeinen Form, sondern ein anderer Ausdruck dieser Form [des Gesetzes].) Und weil die Wortsprache wenn sie den Beweis erklärt, erklärt was er beweist, nur den Beweis nur in eine andere Ausdrucksform übersetzt, so können wir diese Erklärung auch ganz weglassen. Und wenn wir das tun so werden die mathematischen Verhältnisse viel <...> klarer, nicht verwirrt durch die **vieledeutigen** mehrdeutigen **[vielen bedeutenden]** Ausdrücke der Wortsprache. Wenn ich z.B. **B** unmittelbar neben **A** setze, ohne **[d|D]**azwischenkunft des Wortes „alle“ [ohne Vermittlung durch **d[as]en**] Ausdruck der Wortsprache „für alle Zahlen“ Kardinalzahlen < etc. >“], so kann kein falscher Schein eines Beweises von **A** durch **B** entstehen. Wir sehen dann ganz nüchtern wie weit die Beziehungen von **B** zu **A** & zu **a + b = b + a** reichen & wo sie aufhören. [Wir sehen dann die nüchternen, <(> **nackten** <)> Beziehungen zwischen **A** & **B**, & wie weit sie re<i>chen.] Man lernt so erst, unbeirrt von

CLARIN ERIC: The European research infrastructure consortium for language resources

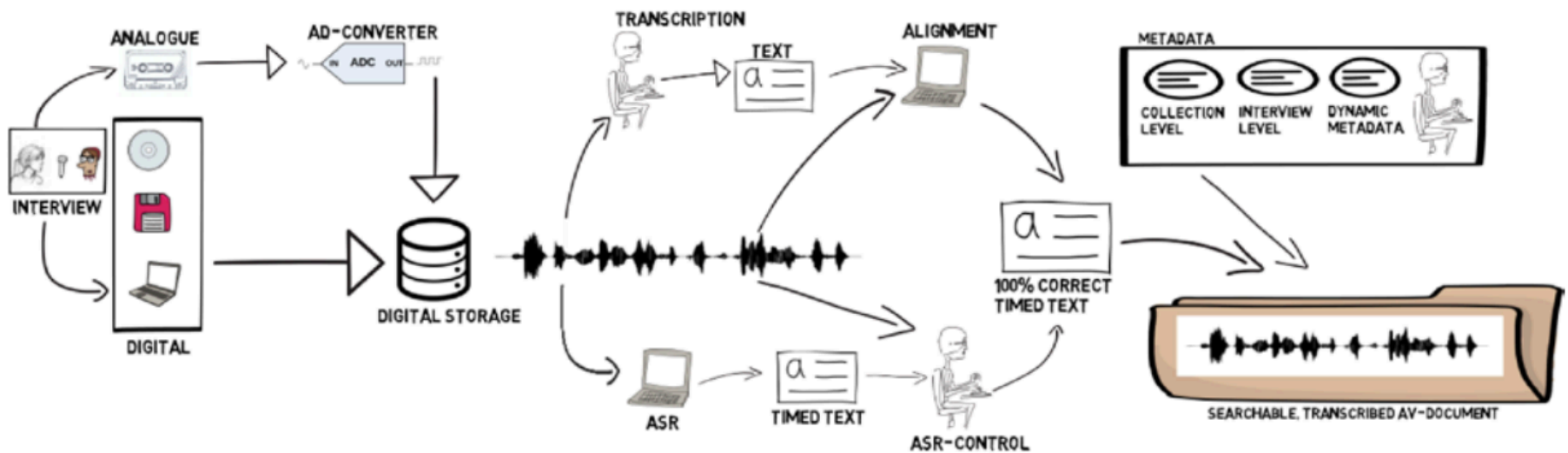
Not forcing a model on the DH or institutionalizing it, but contributing an infrastructure and meeting ground which aims to make “all digital language resources and tools from all over Europe and beyond [...] accessible [...] for the support of researchers in the humanities and social sciences”

(Maegaard et al. 2017:2)



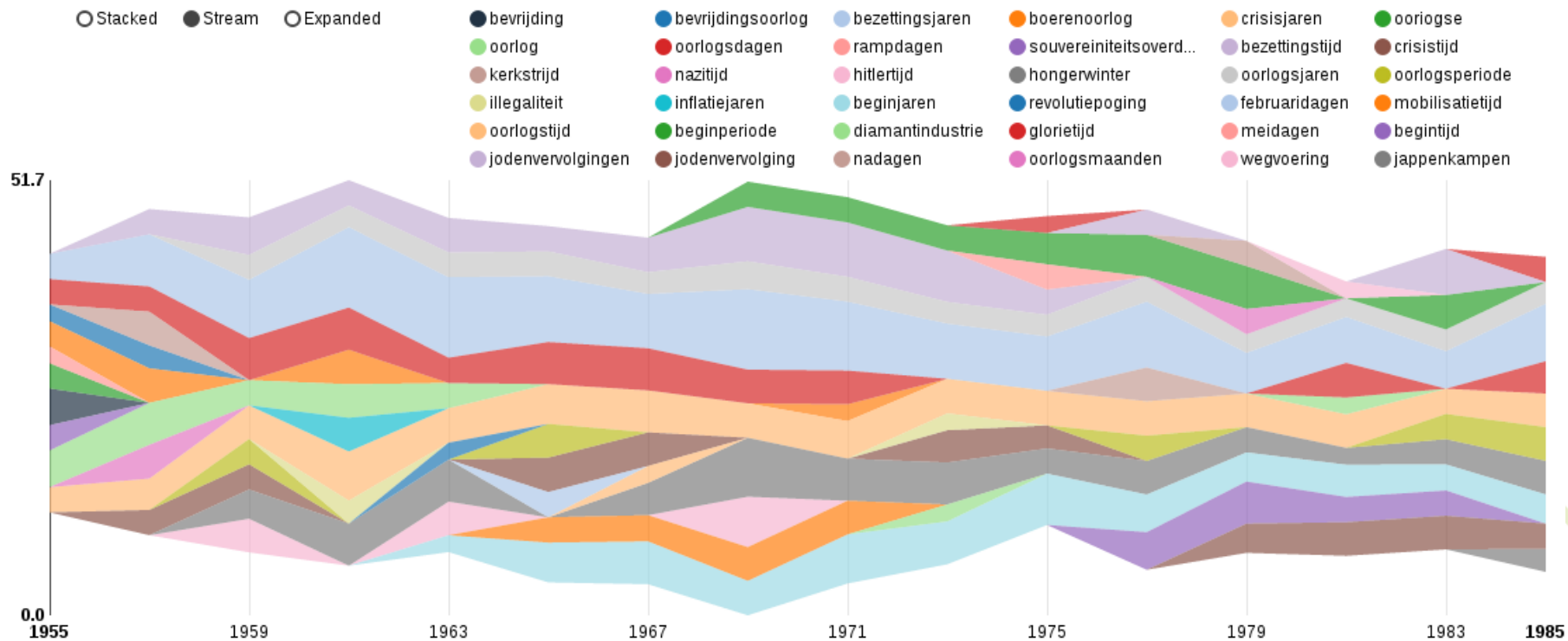
Some research questions

- Who was the real author of the Dutch national anthem?
- How was American consumer culture depicted in the Europe throughout the 20th century?
- How can we make a processing chain for curating and preserving oral history?



Some research questions

- How much polarization is there in social media discourse on climate change?
- Which challenges do language learners face in acquiring grammatical gender in a different language?
- What do historical documents tell us about the relation between gender and work?
- How can we visualize discourse concepts and attitudes by politicians of different parties?
- Which changing concepts are associated with *war* in newspapers?



Enhancing access and (re-)usability

“are the barriers to entry that ‘outsiders’ perceive real usability issues, or simply points on DH’s learning curve?”

(Edwards 2012, p. 213)

CLARIN catalog

- Virtual Language Observatory (VLO), a registry of Language Resources (LRs) <http://vlo.clarin.eu>
- 1,600,000 records (including recent addition of Europeana records)
- Faceted search
- Cross-sectorial collaboration with the GLAM sector (Galleries, Libraries, Archives, Museums) planned

FAIR principles

- *Findable*: data must be registered with a persistent ID and items must be collected in a catalog
- *Accessible*: open access protocol (subject to restrictions), clear procedure for authentication and authorization
- *Interoperable*: documented descriptive vocabulary, standards for data and metadata coding
- *Re-usable*: clear licenses, understandable documentation (including provenance), compatibility with community standards and tools

CLARINO: CLARIN in Norway

- Certified centres with repositories
 - UiB/UB (45 downloadable datasets)
 - UiO/Tekstlab (16 downloadable datasets and 2 tools)
 - NB/Språkbanken (42 downloadable datasets)
- Other related centres
 - UiT/Trolling (60 downloadable datasets)
 - UiT/Giellatekno
- National catalog at the National Library of Norway which harvests metadata from other centres



The CLARINO Bergen Centre offers:

- A repository to search and deposit language data
- Online services for treebanks and other corpora
- Online editing of CMDI metadata



Welcome to CLARINO Bergen Centre

CLARINO is a Norwegian infrastructure project jointly funded by the Research Council of Norway and a consortium of Norwegian universities and research institutions. Its goal is to implement the Norwegian part of CLARIN. The ultimate aim is to make existing and future language resources easily accessible for researchers and to bring eScience to humanities disciplines.

[Advanced Search](#)

Author	Subject	Language (ISO)
Giellatekno - Saami ...(22)	Bilingual Lexicon (9)	Norwegian Bokmål (17)
The Divvun group at ...(17)	Termbase (9)	Norwegian Nynorsk (8)
Parra Escartín, Carla (3)	South Saami (8)	Northern Sami (7)
Kristiansen, Marita (2)	Terminological (8)	Southern Sami (7)
Olstad, Vemund (2)	Terminology (8)	English (6)
... View More	... View More	... View More

What's New

Corpus Clarino

NoReC: The Norwegian Review Corpus

Author(s):
 Velldal, Erik ; Øvrelid, Lilja ; Bergem, Eivind Alexander ; Stadsnes, Cathrine ; Touileb, Samia ; Jørgensen, Fredrik

Description:
 While the NoReC dataset was primarily created for training and evaluating models for document-level sentiment analysis, many other use cases are of course possible. The corpus comprises more than 35,000 full-text reviews ...

[This item contains 1 file \(219.88 MB\).](#)

What can you do?

[Browse](#)

> All of the Repository

[My Account](#)

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

Welcome to CLARINO Text Laboratory Centre

CLARINO is a Norwegian infrastructure project jointly funded by the Research Council of Norway and a consortium of Norwegian universities and research institutions. Its goal is to implement the Norwegian part of CLARIN. The ultimate aim is to make existing and future language resources easily accessible for researchers and to bring eScience to humanities disciplines. The CLARINO project is coordinated by University of Bergen.

CLARINO Text Laboratory Centre is a C centre in the CLARIN infrastructure.

The table below shows Text Laboratory resources with a signed CLARIN agreement. More resources will come. Go to the Text Laboratory homepage to view all resources from the Text Laboratory.

Corpora:

The Big Brother Corpus	(2007) 550 000 words. Speech. Norwegian TV show from 2001. Accessible through interface. Licence:  . Licence conditions. - Download metadata - Get username and password - Search the corpus
Corpus of American Nordic Speech	(2015) 244 000 words. Speech. American Norwegian/Swedish. Accessible through interface. Licence:  . Licence conditions. - Download metadata - Search the corpus
Corpus of Doctor-Patient Consultations from Ahus	(2015) 950 000 words. Speech. Transcriptions without audio files. Accessible through interface. Licence:  . Licence conditions. - Download metadata - Get username and password - Search the corpus
The Lexicographic Corpus for Norwegian Bokmål	(2013) 100 mill words. Written text. Norwegian Bokmål. Accessible through interface. Licence:  . Licence conditions. - Download metadata - Get username and password - Search the corpus
Nordic Dialect Corpus	(2013) 3 mill words. Speech. Nordic dialects. Accessible through interface. Licence:  . Licence conditions. - Download metadata - Search the corpus
Nordic Syntax Database	(2013) 924 sentence judgments by Nordic dialect speakers. Accessible through interface. Licence:   . Licence conditions. - Download metadata - Search the database
The NORINT Corpus	(2017) Speech (110 000 words) and written text (53 000 words). Norwegian as second language. Accessible through interface. Licence:  . Licence conditions. - Download metadata - Search the corpus

Skriv inn søkeord

Søk

Nullstill



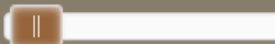
Om katalogen



Viser ressursene: 1 til 12 av totalt 92

Forrige

Neste



● Språkbanken ● **CLARINO**

Tekst	Tekst	Tale	Tekst
Parallel Corpus of documents from the Technical Regulations Information System for German-Spanish	Taggede bokmålstekster fra NBdigital (fritt tilgjengelige tekster)	NB Tale - en grunnleggende akustisk-fonetisk taledatabase for norsk	N-grammer fra NBdigital
17.03.2016	07.03.2016	25.02.2016	24.02.2016
Verktøy	Leksikon	Tekst	Leksikon
NB N-gram	Norsk Ordvev - Bokmål	Proceedings of Norwegian parliamentary debates (2008-2015)	Norwegian-Vietnamese Dictionary
24.02.2016	22.02.2016	17.02.2016	15.02.2016

CLARINO: More than repositories

- Corpus tools: Glossa (UiO/Text Lab), Corpuscle and INESS (Uni Research Computing/UiB)
- Term Portal (NHH)
- Language Analysis Portal LAP (UiO/IFI)
- Metadata tool COMEDI (Uni Research Computing/UiB)
- Dynamic interactive presentation of digital editions (UiO/EDD)
- Dissemination actions

Basic search | [switch to Advanced search](#)

grønn*

Run Query

Done. Runn

Show collocations by , left context: , right context: , sorted by

1275 collocations calculated; page 1 of 26.

[Previous](#)

[Next](#)

[Show concordance for selection](#)



LL

MI	Delta	Collocate
14.5167	1	<input type="checkbox"/> grønne sertifikater
14.5713	1	<input type="checkbox"/> grønne sertifikatene
13.1647	1	<input type="checkbox"/> grønne skiftet
14.7033	1	<input type="checkbox"/> grønne utviklingsmekanismen
25.9384	-1	<input type="checkbox"/> Al-Hasakah grønnsakshandleren
14.5572	1	<input type="checkbox"/> grønn skattekommisjon
15.2377	1	<input type="checkbox"/> grønn skatteveksling
14.3441	1	<input type="checkbox"/> grønne skattesiftet
12.4599	1	<input type="checkbox"/> grønne sertifikat
13.5039	1	<input type="checkbox"/> grønne datasentre
12.8975	1	<input type="checkbox"/> grønne skoger
13.6950	1	<input type="checkbox"/> grønne klimafondet
13.8847	1	<input type="checkbox"/> grønne gren
21.6165	-1	<input type="checkbox"/> blass grønnfarge
14.6002	1	<input type="checkbox"/> grønn sertifikatordning
12.9029	1	<input type="checkbox"/> grønne sertifikatmarkedet
21.2380	-1	<input type="checkbox"/> nydelig grønnsaksalat
13.2522	1	<input type="checkbox"/> grønne lunger
14.6071	1	<input type="checkbox"/> grønne skattekommisjonen
14.4372	1	<input type="checkbox"/> grønne sertifikat-markedet

CLARIN priorities

- Uptake by researchers: outreach to all humanities disciplines (researcher training courses, workshops, etc), service enhancements for consistent user experience
- Technical infrastructure: towards an integrated, interoperable infrastructure (technical centres, services, licenses etc.)
- Knowledge sharing: knowledge centres, mobility grants, video lectures, course registry (with DARIAH)
- Sustainability: extension to new countries, cooperation with GLAM sector, commitments from stakeholders and funders, cooperation with other infrastructures

Links

<http://clarin.eu>
<http://clarino.uib.no>