CLARIN
Common Language Resources and Technology Infrastructure

CLARIN Data, Services and Tools

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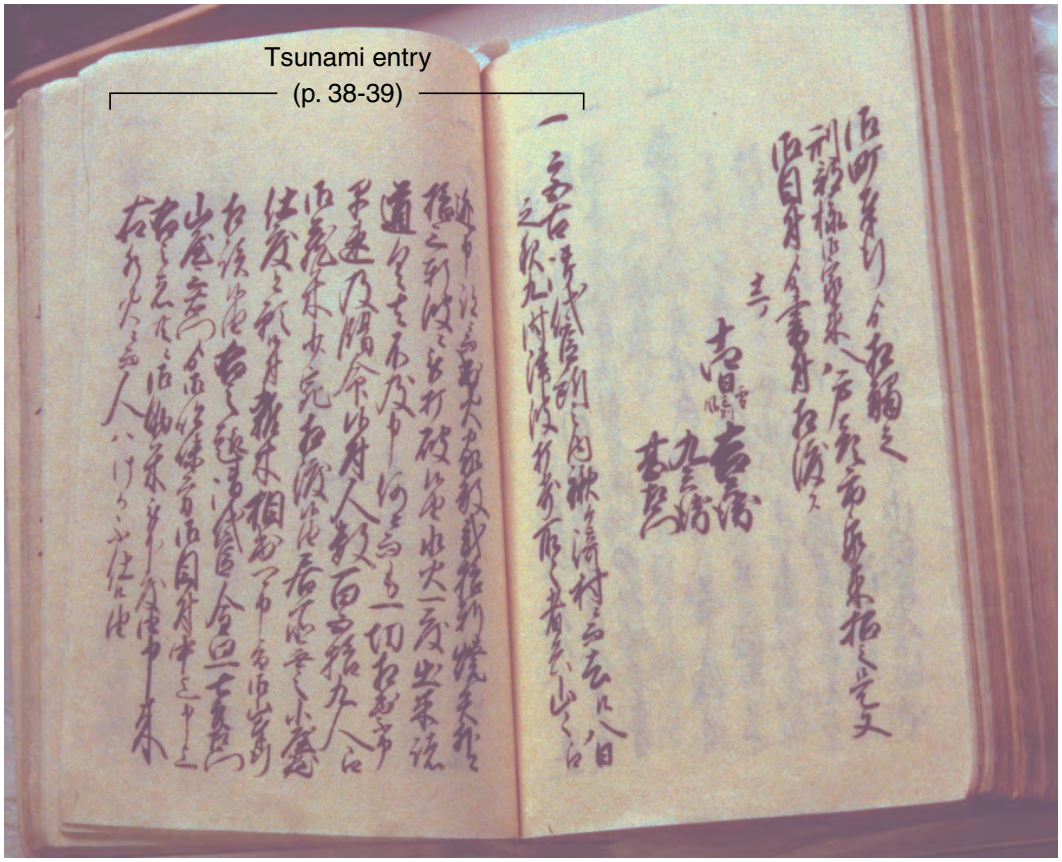
Exploring Spoken Word Data in Oral History Archives
Oxford

CLARIN?

- **C**ommon **La**nguage **R**esources and Technology **In**frastructure
- Research Infrastructure for the **humanities and social sciences**
- Provides easy and sustainable access for scholars
  - to **digital language data** (in written, spoken, video or multimodal form)
  - to **advanced tools** to discover, explore, exploit, annotate, analyse or combine them

Language resources: more than linguistics



津波
tsu harbor
nami waves
tsunami tsunami

大潮
ōshio high tide

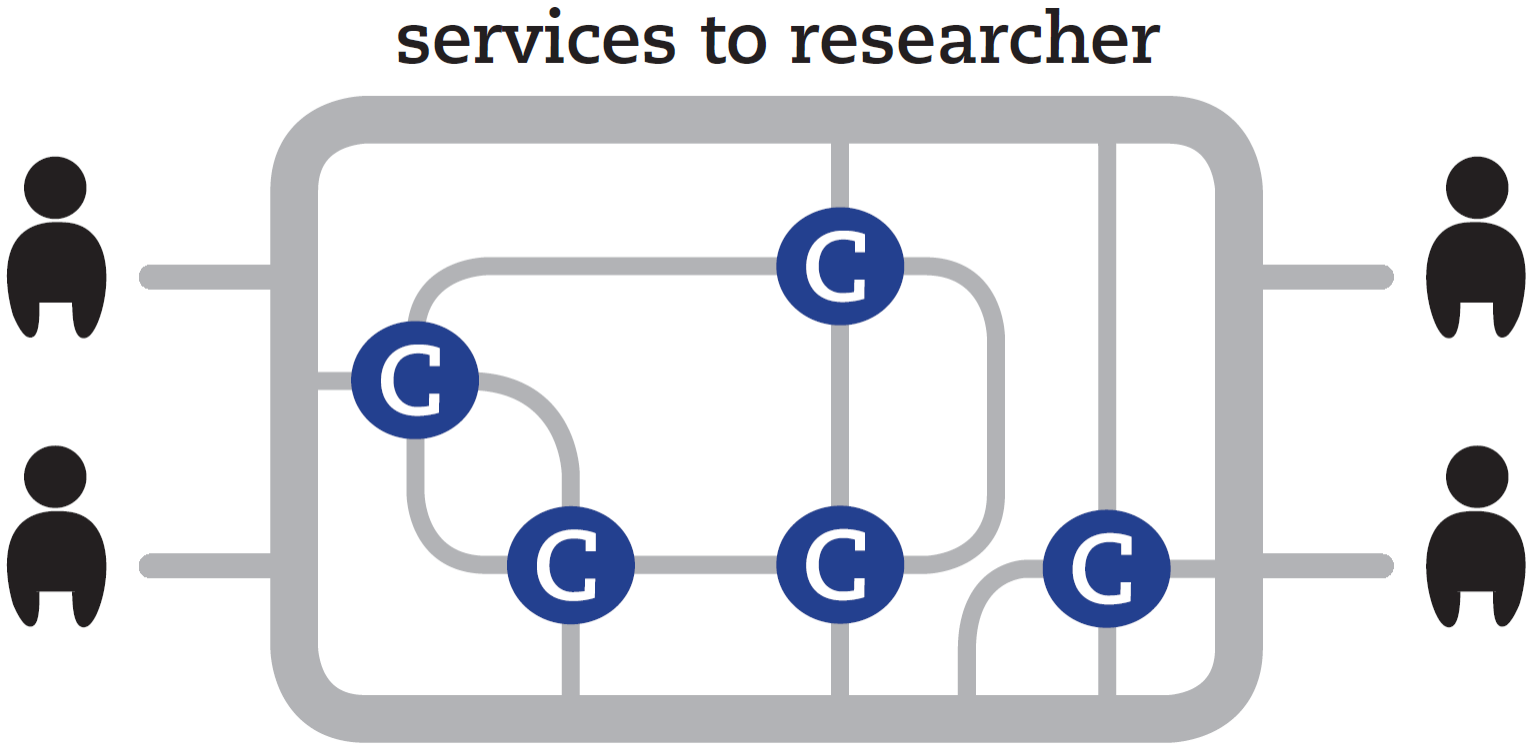
大汐
ōshio high tide
evening
water

Source:

- Atwater, B.F., Musumi-Rokkaku, S., Satake, K., Tsuji, Y., Ueda, K., and Yamaguchi, D.K., 2015, The orphan tsunami of 1700—Japanese clues to a parent earthquake in North America, 2nd ed.: Seattle, University of Washington Press, U.S. Geological Survey Professional Paper 1707, 135 p.
- doi:10.3133/pp1707

CLARIN centres

- A **distributed architecture**: (http-accessible) files, web applications and web services spread all over Europe
- Nodes in the network: **centres** (http://clarin.eu/centres)



Organisation CLARIN

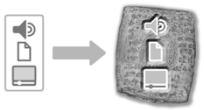
- European (ESFRI) Research Infrastructure
- ERIC since 2012
- Landmark since 2016
- **Members**:
  - Austria • Bulgaria • Czech Republic • Denmark • Dutch Language Union • Estonia • Finland • Germany • Greece • Italy • Lithuania • Netherlands • Norway • Poland • Portugal • Slovenia • Sweden • United Kingdom (observer)

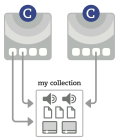
Benefits for countries

- **Access to the CLARIN Infrastructure**, i.e. to all CLARIN language resources and technology services
- **Access to expertise** via the CLARIN Knowledge Sharing Infrastructure
- **Embedding** in the humanities **research community**, with access to the same data
- **Better visibility of their language**, their research results, their resources and their **cultural heritage**
- **Opportunities**
  - for cross-lingual and -cultural **research**
  - to participate in **research projects** in which CLARIN ERIC participates as a beneficiary

The 33 CLARIN centres

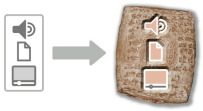
Our services for researchers

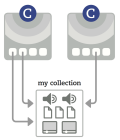


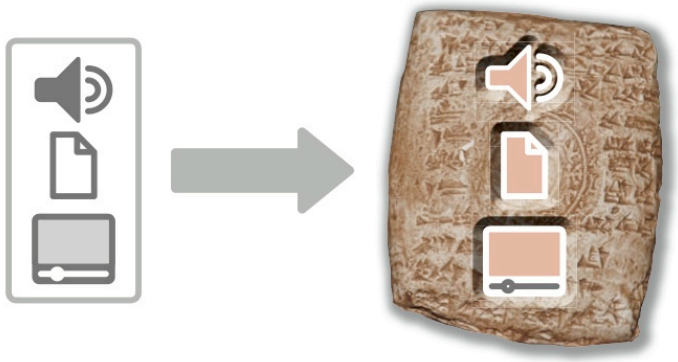


- Concrete and usable services
- All available via http://clarin.eu/services
  - (+ a whole set of technical services behind the scenes)

Our services for researchers

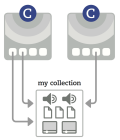






Depositing & Archiving

Our services for researchers



Virtual Language Observatory

SEARCH

interviews Search

SEARCH RESULTS

27869 results << < 1 2 3 4 5 6 7 8 9 10 > >> Showing 1 to 10

Expand

Expand

Expand

Expand

Expand

Expand

Expand

interview

Collection

All values in this facet

Search:

Sort by Name Only show values that occur at least 2 times

Academia Sinica Balanced Corpus of Modern Chinese (1)
African Language Materials Archive (1)
Archive of the Indigenous Languages of Latin America (7)
Bavarian Archive for Speech Signals (BAS) (414)
Berliner Wendekorpus (1)
Center of Estonian Language Resources (2)
CLARIN Centres (969)
COllections de COrpus Oraux Numeriques (CoCoON ex-CRDO) (259)
European Language Resources Association (5)
Hamburger Zentrum für Sprachkorpora (HZSK) (1)
Hamburger Zentrum für Sprachkorpora (HZSK) (563)
LINDAT / CLARIN Data & Tools (1)
LRT + Open Submissions Data & Tools (15)
Meertens Collection: Diversity in Dutch DP Design (DiDDD) (1)
Meertens Collection: Dynamische Fonologische en Morfologische Atlas van de Nederlandse Dialecten (GTRP) (1)
Meertens Collection: Dynamische Syntactische Atlas van de Nederlandse Dialecten (DynaSAND) (1)
Meertens collection: Liederenbank (53)
Meertens collections: PILNAR (15)
Multimodal Learning and teaching Corpora Exchange (1)
Nederlands Instituut voor Beeld en Geluid Academia collectie (12311)
Oxford Text Archive (4)

NARROW DOWN

Use the categories below to limit the search results to those matching the selected value(s).

+ LANGUAGE

- COLLECTION

Type to search for more

Nederlands Instituut voor Beeld en Geluid Academia collectie (12311)
TLA: DoBeS archive (3344)
UBU Clarin Set (1558)
TalkBank (1553)
TLA: Acquisition (1073)
TLA: Donated Corpora (972)
CLARIN Centres (969)
TLA: Language and Cognition (938)
TLA: MPI CGN (816)
TLA: MPI für Bildungsforschung (740)

more...

+ RESOURCE TYPE

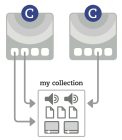
+ COUNTRY

+ MODALITY

+ GENRE

+ SUBJECT

Our services for researchers



Federated Content Search

Search text: Tbilisi

Search for: Any Language | Text Resources — in: All available collections — and show up to: 10 hits

35 matching collections found

Display as Key Word In Context | Download

Corpus C4 – Berlin-Brandenburg Academy of Sciences and Humanities — View

Umzüge und Erschießungen sind aus **Tbilisi** berichtet worden .

Die Delegation besuchte Moskau , Leningrad , **Tbilisi** , Chabarowsk , Irkutsk und Nachodka .

Wikipedia – Institut für Deutsche Sprache — View

fra_news_2011_3M – ASV Leipzig — View

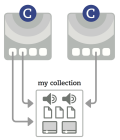
Il est possible que la rencontre soit déplacée au stade national Boris Paichadze dans la capitale de **Tbilisi** .

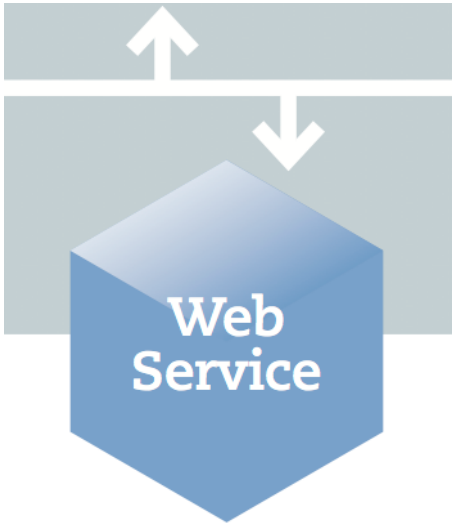
dan_news_2012_1M – ASV Leipzig — View

Der er ikke noget tip til **Tbilisi** endnu.

Men det moderne pulserende **Tbilisi** kan ikke konkurrere med de prægtige landskaber, som begynder nærmest før man forlader hovedstaden.

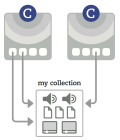
Our services for researchers

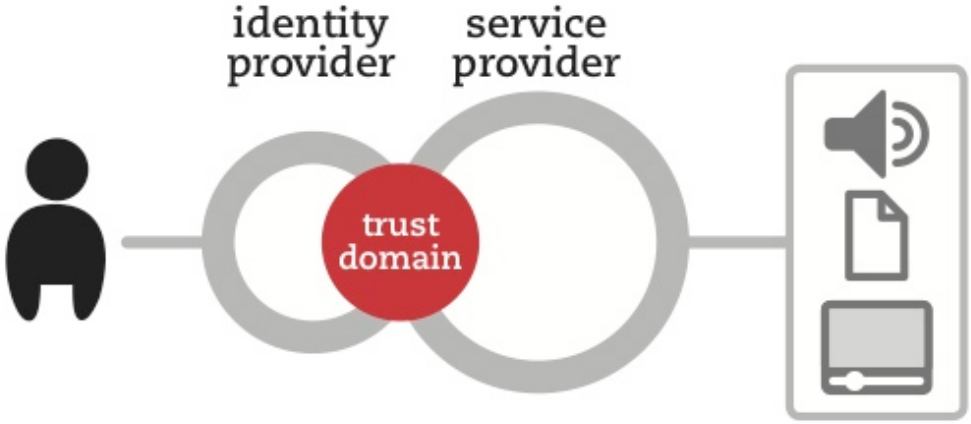




Web services and applications

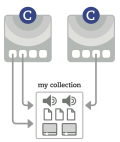
Our services for researchers

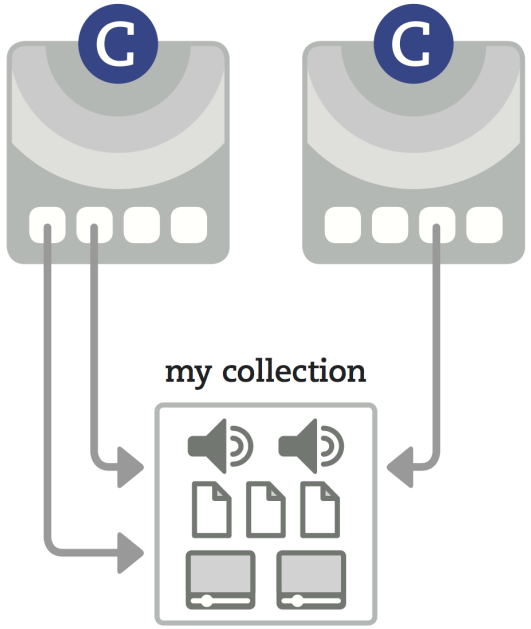




Easy access to protected resources

Our services for researchers





Virtual Collections

Absolute spatial deixis and proto-toponyms in Kata Kolok

General

Name: Absolute spatial deixis and proto-toponyms in Kata Kolok

Type: extensional

Creation Date: 2014-09-26

Description: Digital references for De Vos, C. (2014). Absolute spatial deixis and proto-toponyms in Kata Kolok. NUSA: Linguistic studies of languages in and around Indonesia, 56, 3-26.

Purpose: research

Reproducibility: intended

Persistent identifier: hdl:11372/VC-1001

Keywords:
- sign language
- Kata Kolok

Creators

Person: Connie de Vos

Organisation: Max Planck Institute for Psycholinguistics

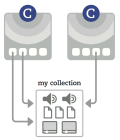
Website: http://www.mpi.nl/people/vos-connie-de

Role: Researcher

Resources

Reference	Type
Journal Article (fulltext) This paper presents an overview of spatial deictic structures in Kata Kolok, a sign language which is indigenous to a Balinese village community.	Resource
Footnote 3 - video Absolute versus absolute transpositional pointing signs	Resource
Footnote 4 - video COME-HERE-FROM-A and GO-FROM-HERE-TO-B	Resource

Our services for researchers



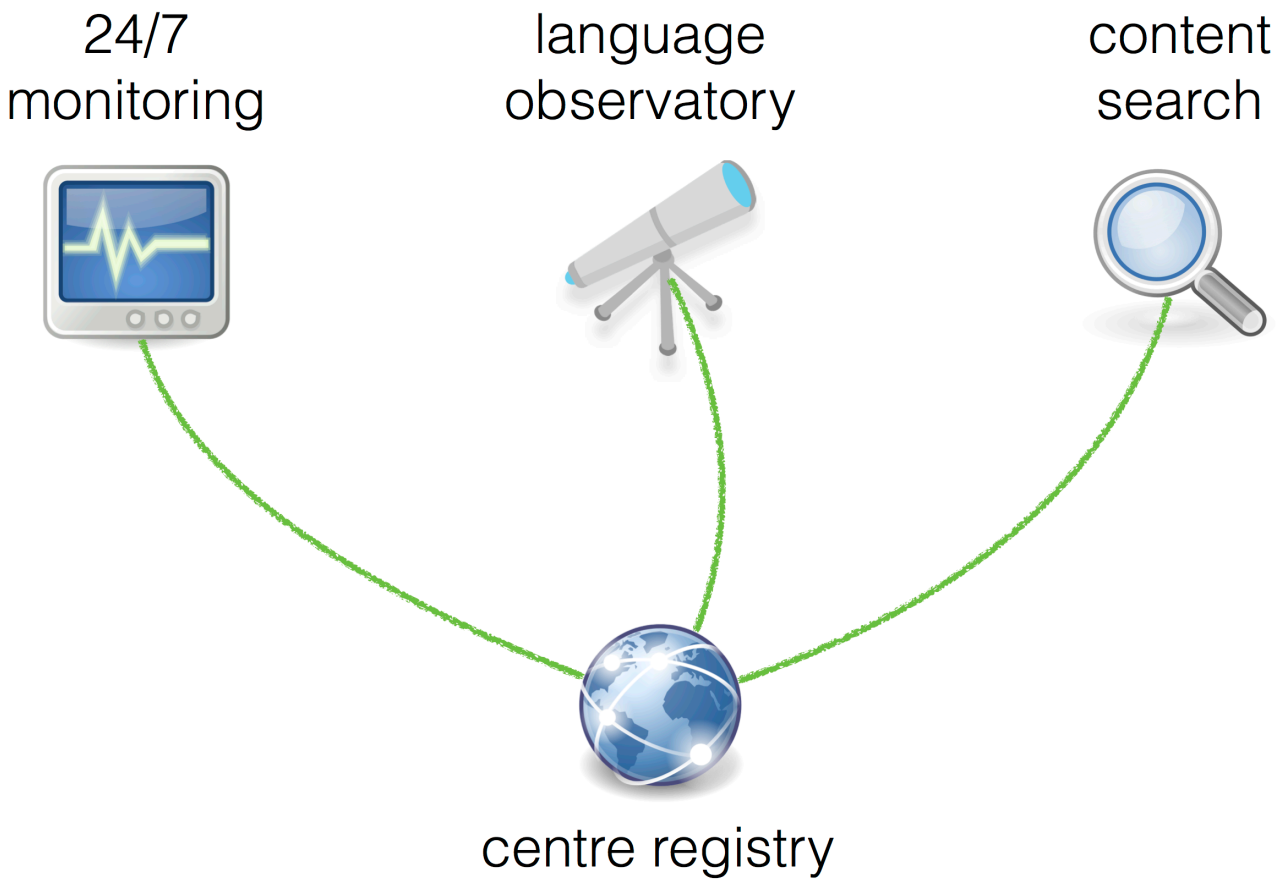
Consultancy

CLARIN technology pillars

- **Federated Identity** - letting users login to protected data and services with their own institutional username and password
- **Persistent Identifiers** - enabling sustainable citations of electronic resources
- **Sustainable repositories** - digital archives where language resources can be stored, accessed and shared
- **Flexible metadata and concept definitions** - to ensure semantic interoperability when describing language resources
- **Well-described and open protocols**, e.g.**:**
  - **Content search** - offering a search engine for a wide range of language resources
  - **Web service chaining** - giving users the possibility to freely combine language processing services

Seamless integration *within CLARIN*

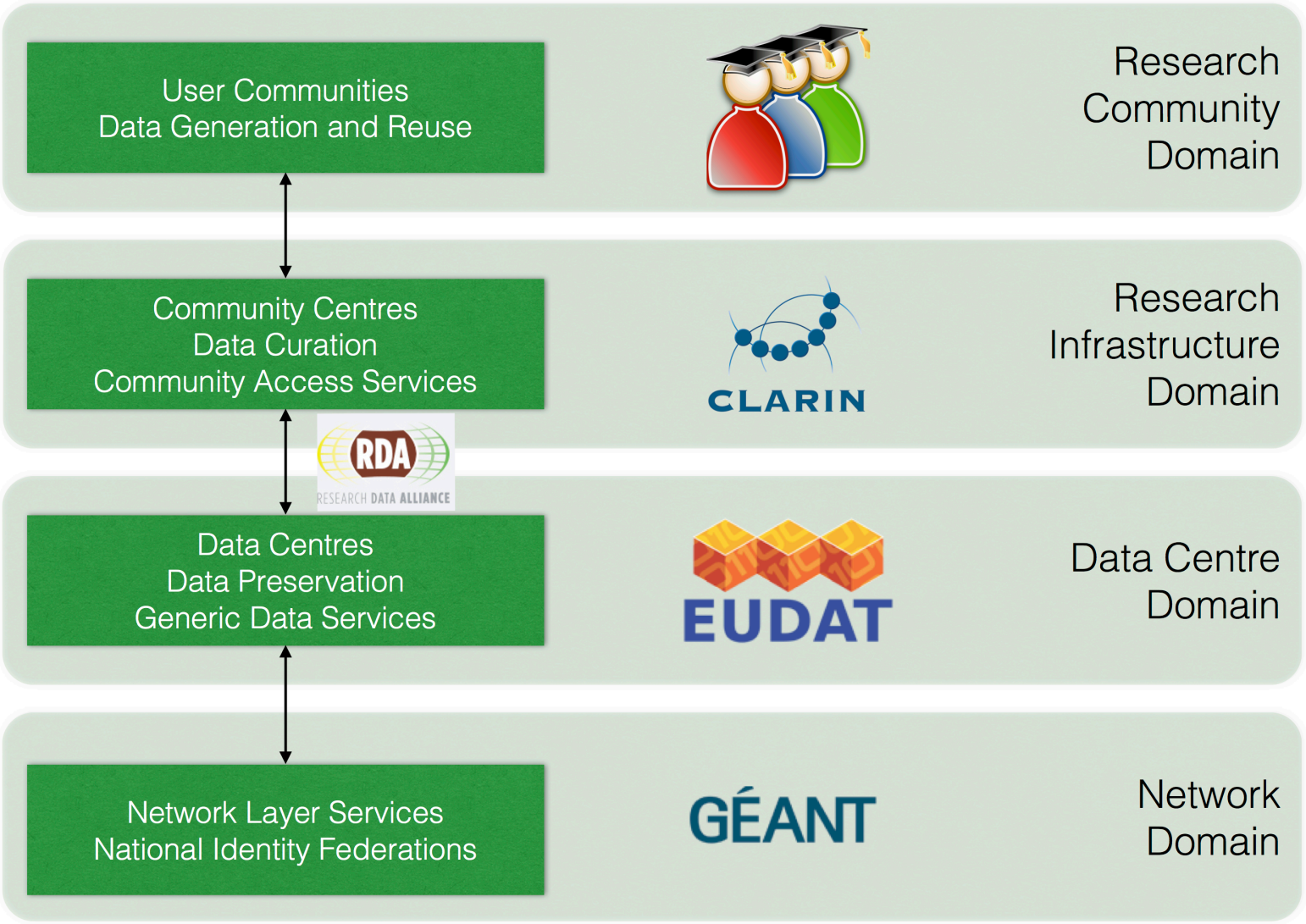
- Centres and Services are not isolated islands but part of a well-integrated setup



Seamless integration *within CLARIN*

- e.g. ELAN with WebLicht (tagging) and WebMaus (phonetic alignment)
- e.g. the Language Resource Switchboard

Seamless integration
in the infrastructure landscape



CLARIN for oral history archives

- While CLARIN is based on a federation of long-term archives and services, it is not a static infrastructure
- This workshop is an excellent opportunity for us to:
  - listen to your needs
  - learn from your experiences
  - create additional bridges between the research infrastructure and potential users and data/service providers

Oral History collection database – some first feedback

- Would be nice to integrate it into the Virtual Language Observatory
  - Challenge: gathering comparable metadata from the different sources (and maintaining it!)
    - at least dublin core via OAI-PMH endpoint
    - reuse/create a specific CMDI metadata profile?
  - What to do with non-digitized resources?
    - at least provide contact information for interested parties
  - What to do with access restrictions?
    - provide at least detailed information about how to obtain access
    - suggest single-sign-on
  - Nice start at http://www.verteldverleden.org/?page_id=151
- Connect transcript search engines to the Federated Content Search?

Oral History collection database – some first feedback

- Most important: your ideas, suggestions and feedback!

Thank you for your attention!

For more details, please visit:
www.clarin.eu

or feel free to contact me at:
dieter@clarin.eu