# A short introduction to WebLicht

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CLARIN

# CLARIN: one-slide introduction

*CLARIN provides easy and sustainable access for scholars in the humanities and social sciences to digital language data and advanced tools.*

# Language resources and repositories

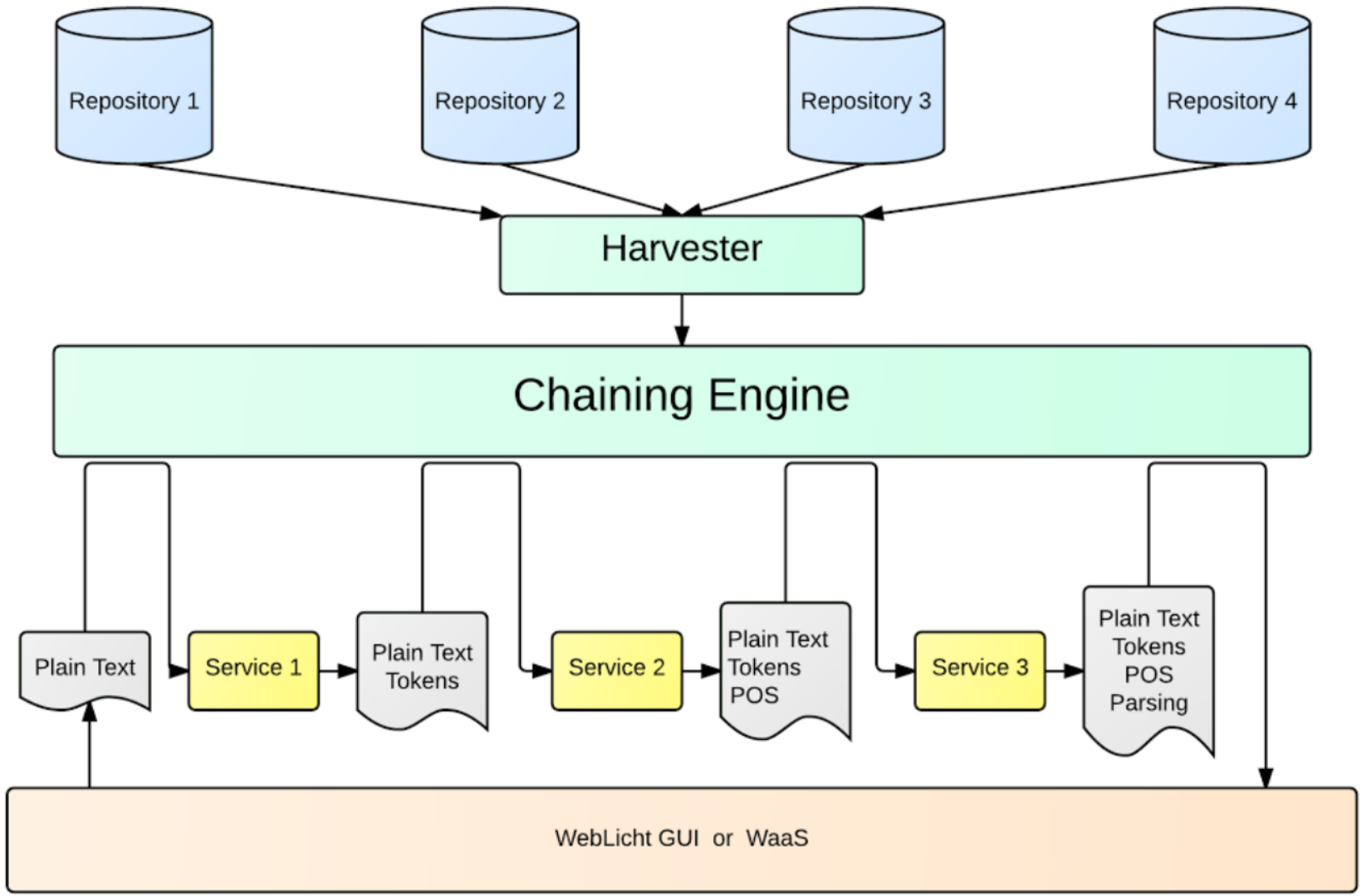
CLARIN offers depositing language resources

- Prior to deposition: help with 'data management plan'
- The data is stored in a sustainable way in a 'matching' CLARIN repository
- The resources are made available according to the depositor's terms
- All resources are assigned persistent identifiers (PIDs)
- The resources can be searched based on
  - meta data through virtual language observatory (VLO) https://vlo.clarin.eu/
  - content federated content search (FCS) http://weblicht.sfs.uni-tuebingen.de/Aggregator/

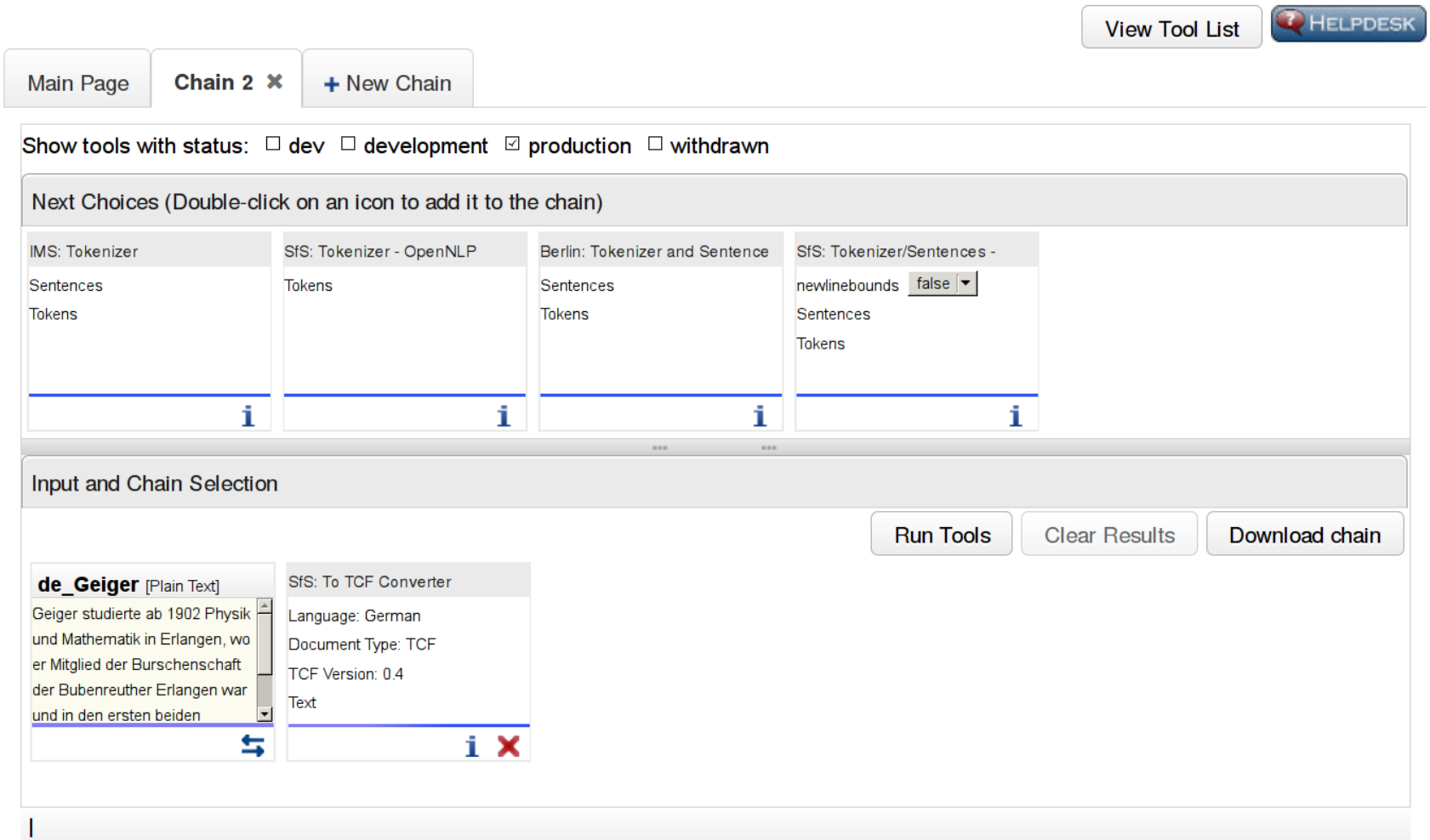
# The WebLicht infrastructure

- Centers provide RESTful services
- The metadata about the services is stored in the center's repositories
- The services use a common xml-based interchange format (TCF)
- Each service
  - receives TCF input with
  - returns TCF with a new annotation layer
- The metadata about services are harvested periodically,
- Users are authenticated through shibboleth
- The services are made available offered to the users through WebLicht or 'WebLicht as a Service' (WaaS)

# The WebLicht infrastructure: the picture



# WebLicht: an example



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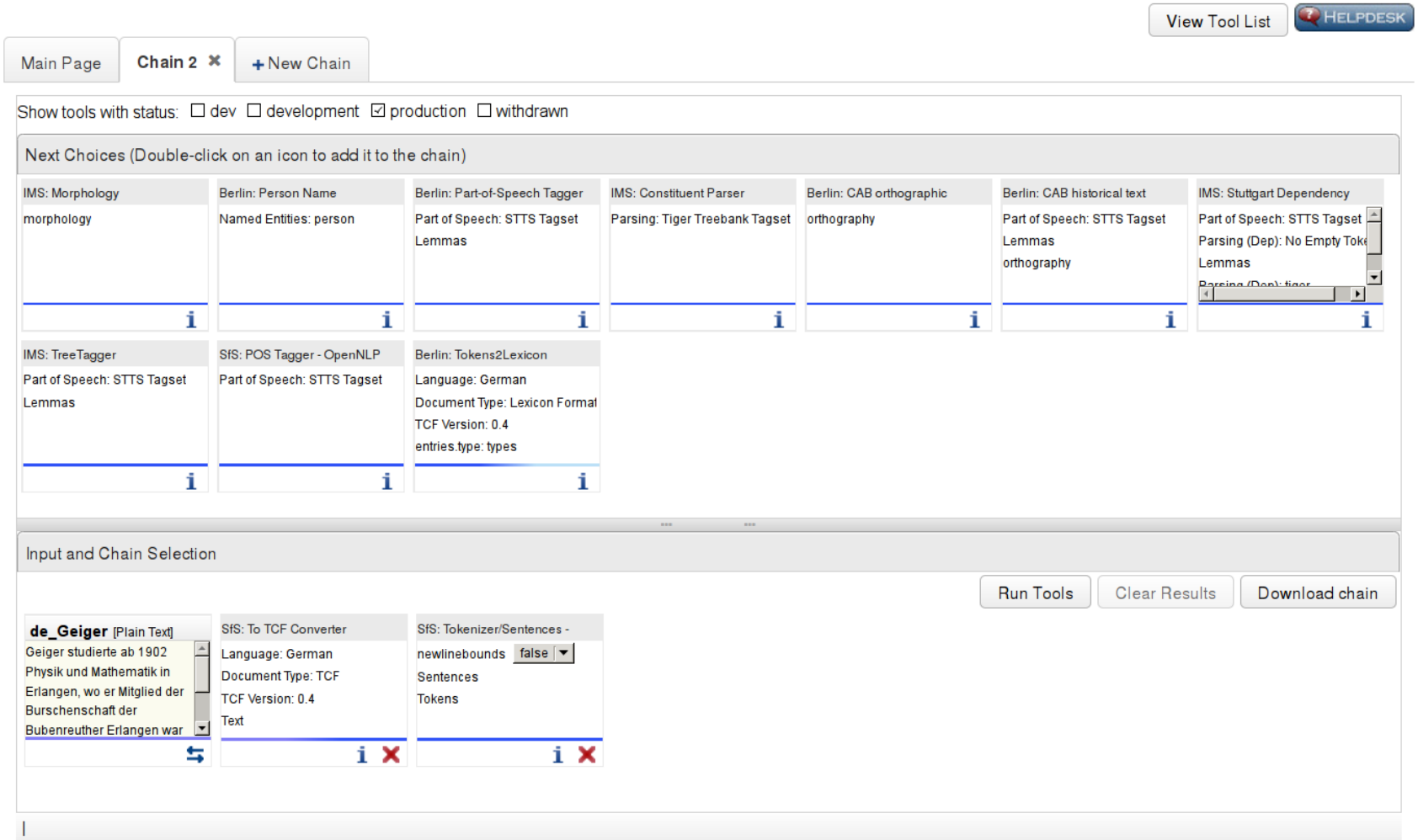

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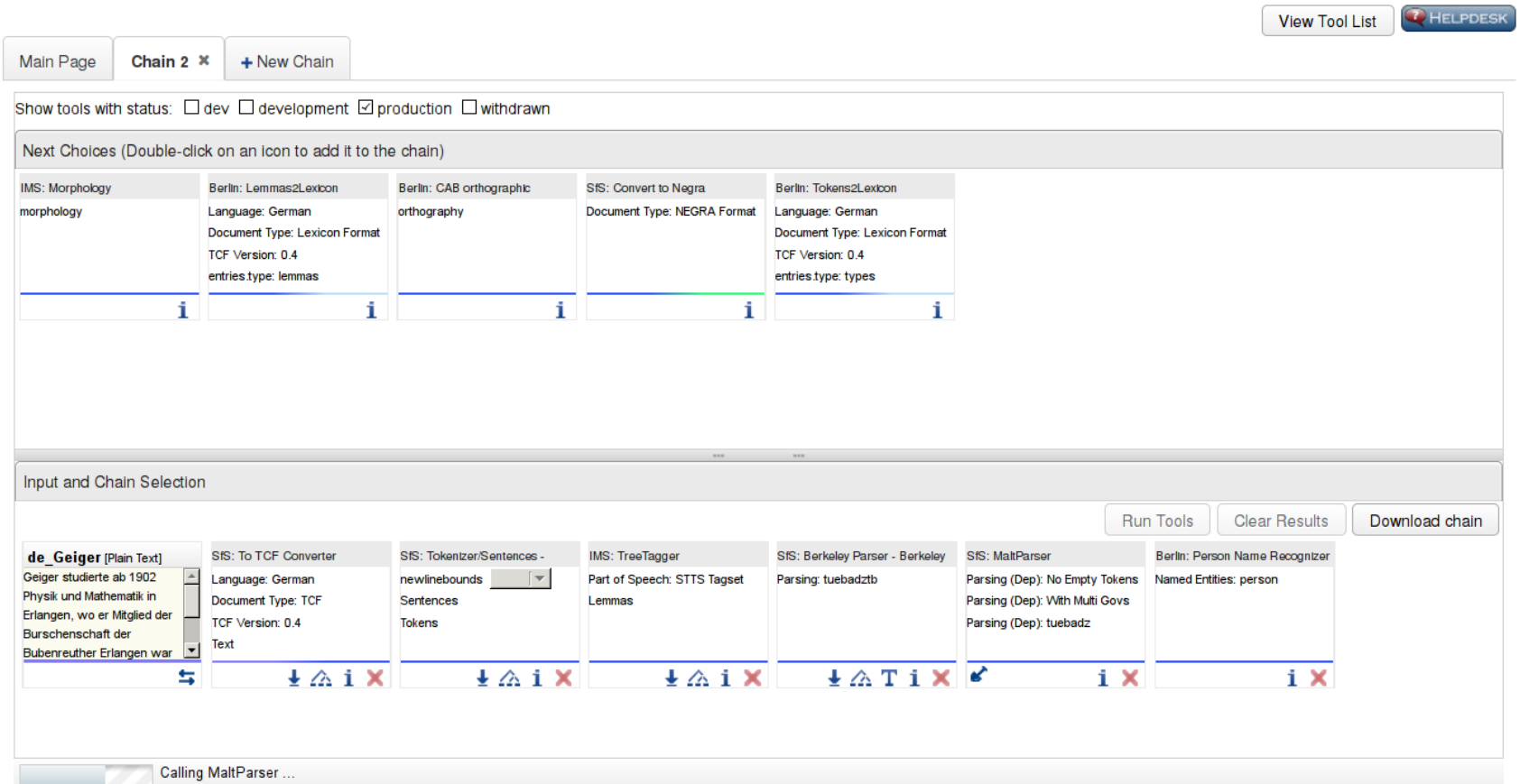

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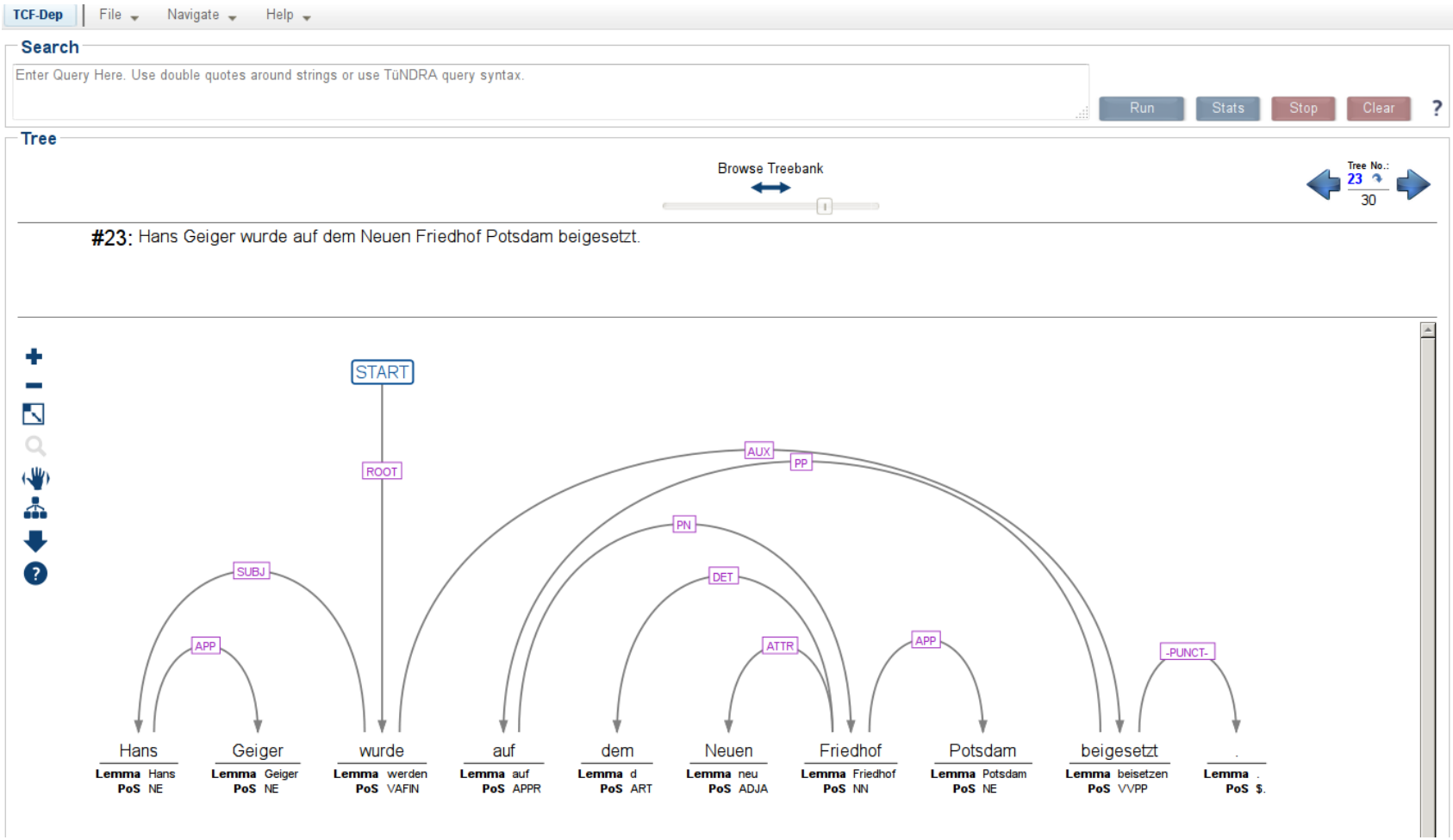

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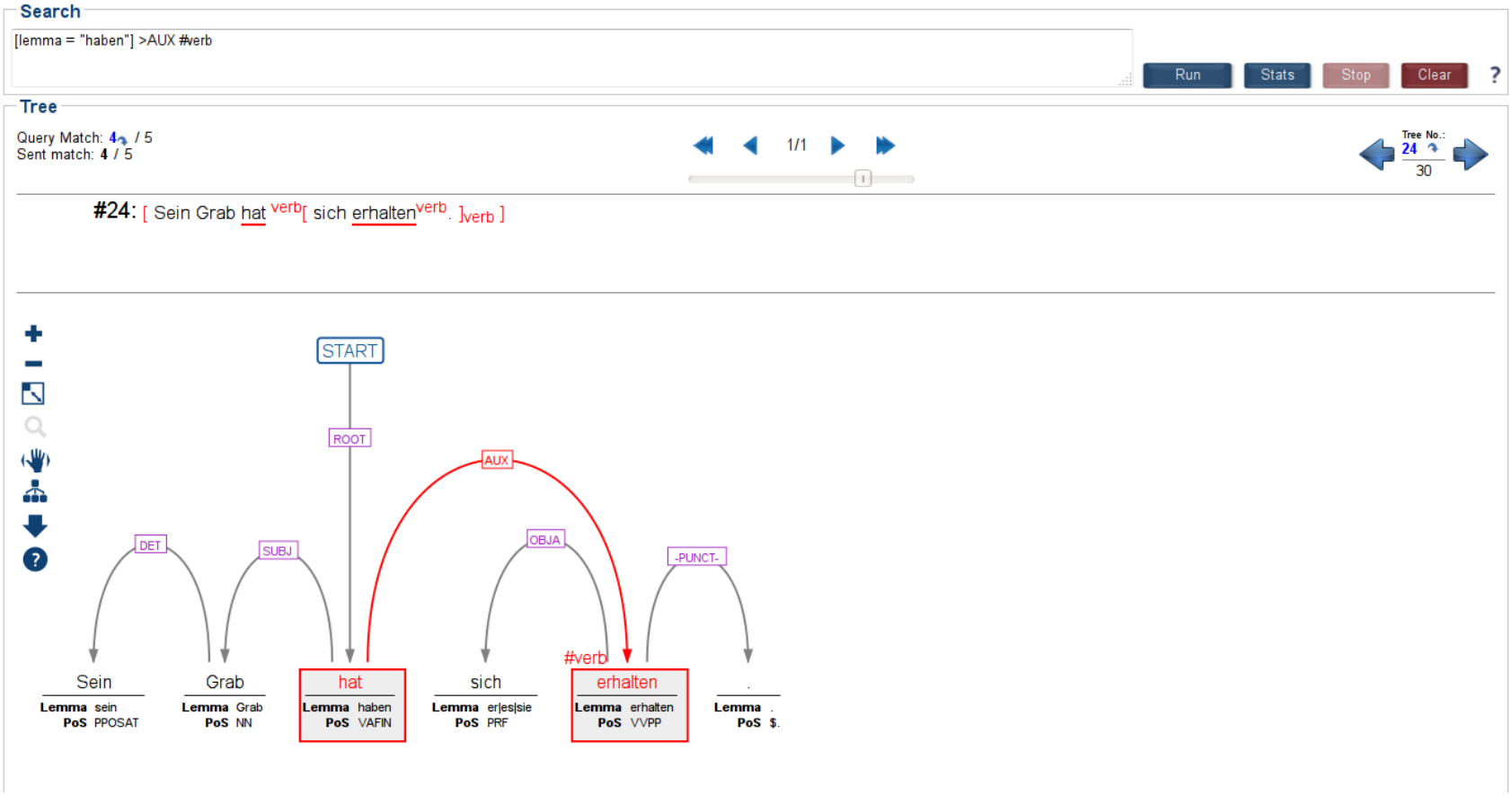

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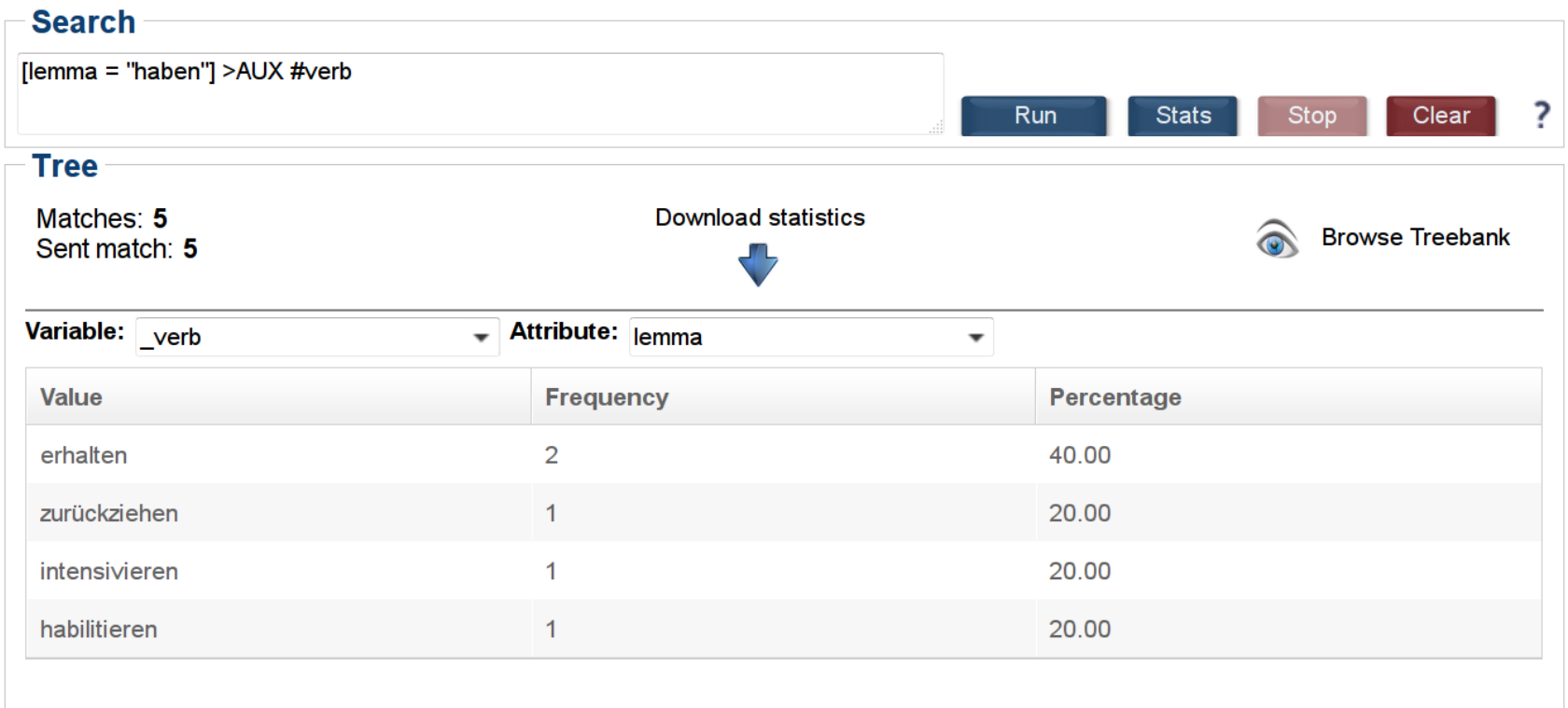

# Summary

- CLARIN offers easy-to-use and sustainable ways to deposit language data
- WebLicht infrastructure makes common computational linguistics tools accessible through easy-to-use interfaces
- WebLicht is in constant development:
  - new visualization/search/statistics tool
  - more languages
  - more, diverse tools as services