Digital Humanities in Latvia:

Towards New Services in Memory Institutions

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DIGITAL LATVIAN LANGUAGE RESOURCES AND TOOLS IN
COMMON RESEARCH INFRASTRUCTURE
5 March 2020, Riga

DIGITĀLĀS HUMANITĀRĀS ZINĀTNES

LV ENG

L N B
LATVIJAS
NACIONĀLĀ
BIBLIOTĒKA

LATVIJAS N

LNMI LU LITERATŪRAS, FOLKLORAS UN MĀKSLAS INSTITŪTS

LU LITERAT...   LAS
INSTITŪTS

_2nd Baltic Summer School
of Digital Humanities
**Essentials of Coding
and Encoding**

23 – 26 July 2019
National Library of Latvia, Riga
digitalhumanities.lv/bssdh/2019

Latvijas
Nacionālā
bibliotēka   LNMI   LATVIJAS UNIVERSITĀTE   Nordplus   CLARIN

PART 1: WHAT NEW SERVICES?
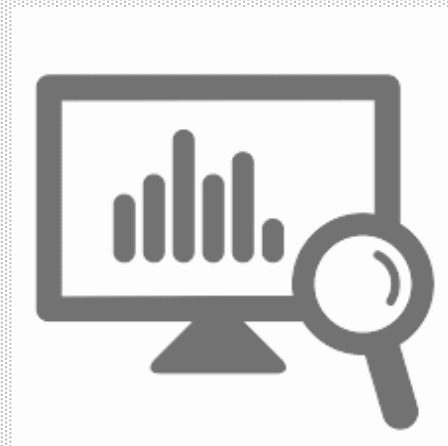
AREAS OF INTEREST IN DIGITAL HUMANITIES / DIGITAL SCHOLARSHIP
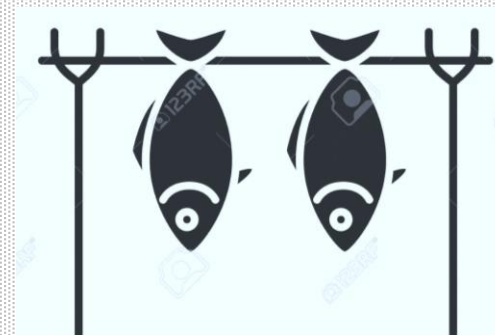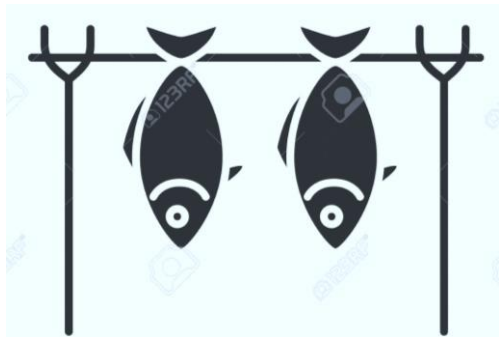
RESOURCES
SERVICES
INFRASTRUCTURES

SEARCH
BASIC USAGE

DIGITAL PARTICIPATION
ANALYSIS
VISUALIZATION

PUBLISHING
PRESERVATION

Creation and curation of digital resources, services, and infrastructures

Usage of digital resources, tools, and methods in all phases of research
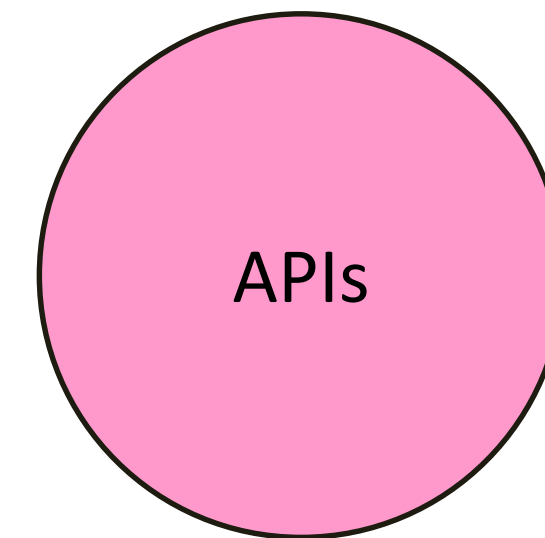
DIGITISATION HARVESTING

CREATING METADATA

PRESERVATION

CROWD-SOURCING

ACCESS

DIGITAL COLLECTIONS

API

DATA FLOW AND SERVICES FROM LIBRARY'S POINT OF VIEW

DATA SETS

USER SUPPORT

OPEN A GLAM LAB

DATA SETS

USER SUPPORT

APIs

Defining a GLAM Lab

A Galleries, Libraries, Archives and Museums (GLAM) Lab is a place for experimenting with digital collections and data. It is where researchers, artists, entrepreneurs, educators and the interested public can collaborate with an engaged group of partners to create new collections, tools, and services that will help transform the future ways in which knowledge and culture are disseminated. The exchanges and experimentation in a Lab are open, iterative and shared widely. This book describes why and how to open a GLAM Lab and encourages participation in a movement that can transform organisations and the communities they partner with.

LEVEL 1: Access and information

- Users have access to digital collections and data sets.

- There is information about these collections and data sets: description of the content, what operations users can perform.

- Users can receive consultation about the access to collections and data sets.
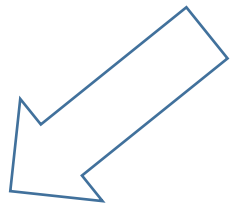
NEW DIGITAL CORE SERVICES?

LEVEL 2: User support and standard solutions

- Personnel can help to plan simple digital research projects and consult about using standard tools.

- There are APIs for retrieving data, some easy-to-use tools for data analysis and visualisation.

- There are manuals for using data and tools, examples of successful projects, and training opportunities.

LEVEL 3: Digital research and innovation Lab

- The Lab regularly develops new tools, prepares data sets for digital scholarship and innovation.

- Individual solutions for research projects are being developed, there are grants for researchers, project competitions.

- The innovative solutions of the Lab are being gradually adopted as core services of the library.

Does every researcher want something different?

LEVEL 2: User support and standard solutions

- Distant reading, text mining
- Visualizing results of search or analysis
- Machine-learning based image search

PART 2: TWO INSTITUTIONS

**National Digital Library of Latvia**
lndb.lv –
the largest publicly available repository of *documentary* digital heritage in Latvia

Encompasses resources of NLL and its partners – approx. 120 institutions and 350 individuals

- More than 6 200 000 pages of text documents

- More than 140 000 images

- More than 240 000 pages of sheet music

- More than 11 000 pages of maps

- More than 320 000 min audio un video resources

lndb.lv + approx. 20 curated collections and datasets
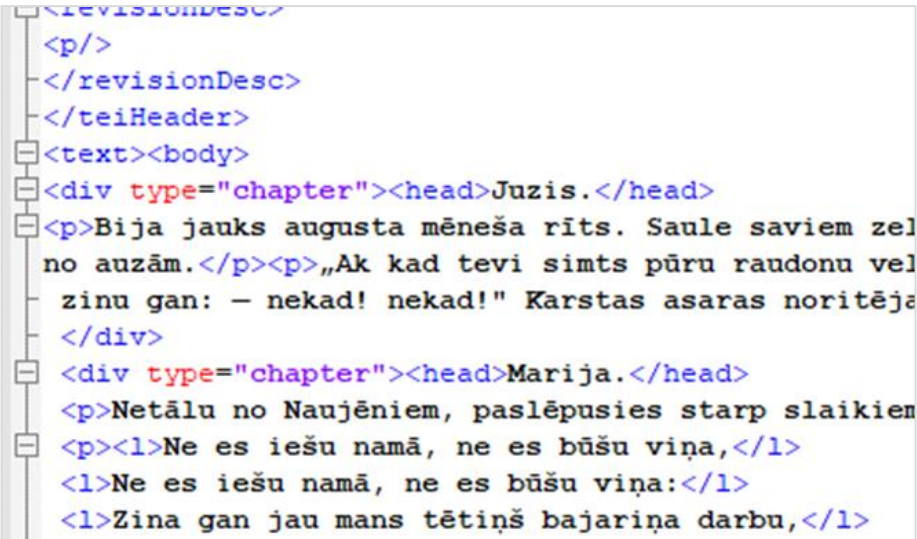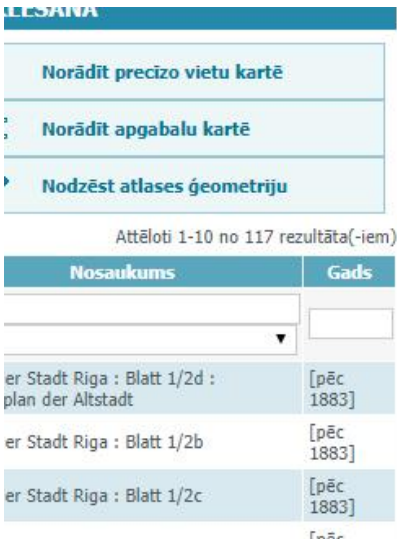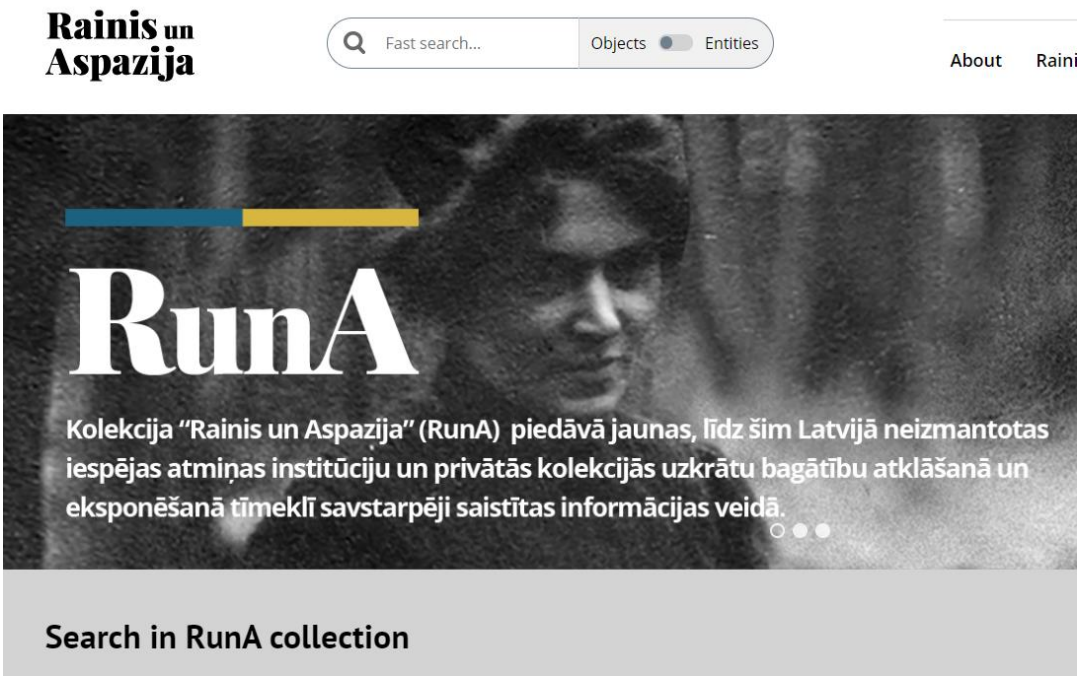
Under development in 2020: services for text analysis

Text corpora:

- Latvian early novel 1879 – 1920
- Periodicals – «Latvijas Vēstnesis», «Jaunākās Ziņas»
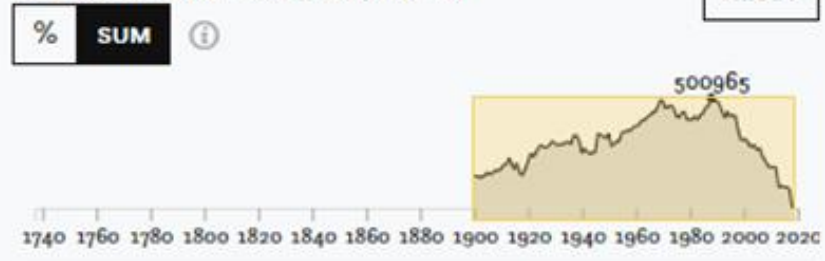- **Corpora on demand**

LNDB interface for data analysis and un visualization (prototype):

- For retrieving objects from LNDB and working with curated corpora
- Wordlists with counts, concordances, comparing corpora, visualization
- Access for broad audiences with no programming skills

https://tinyurl.com/to8rtz7

LU LITERATŪRAS, FOLKLORAS UN MĀKSLAS INSTITŪTS
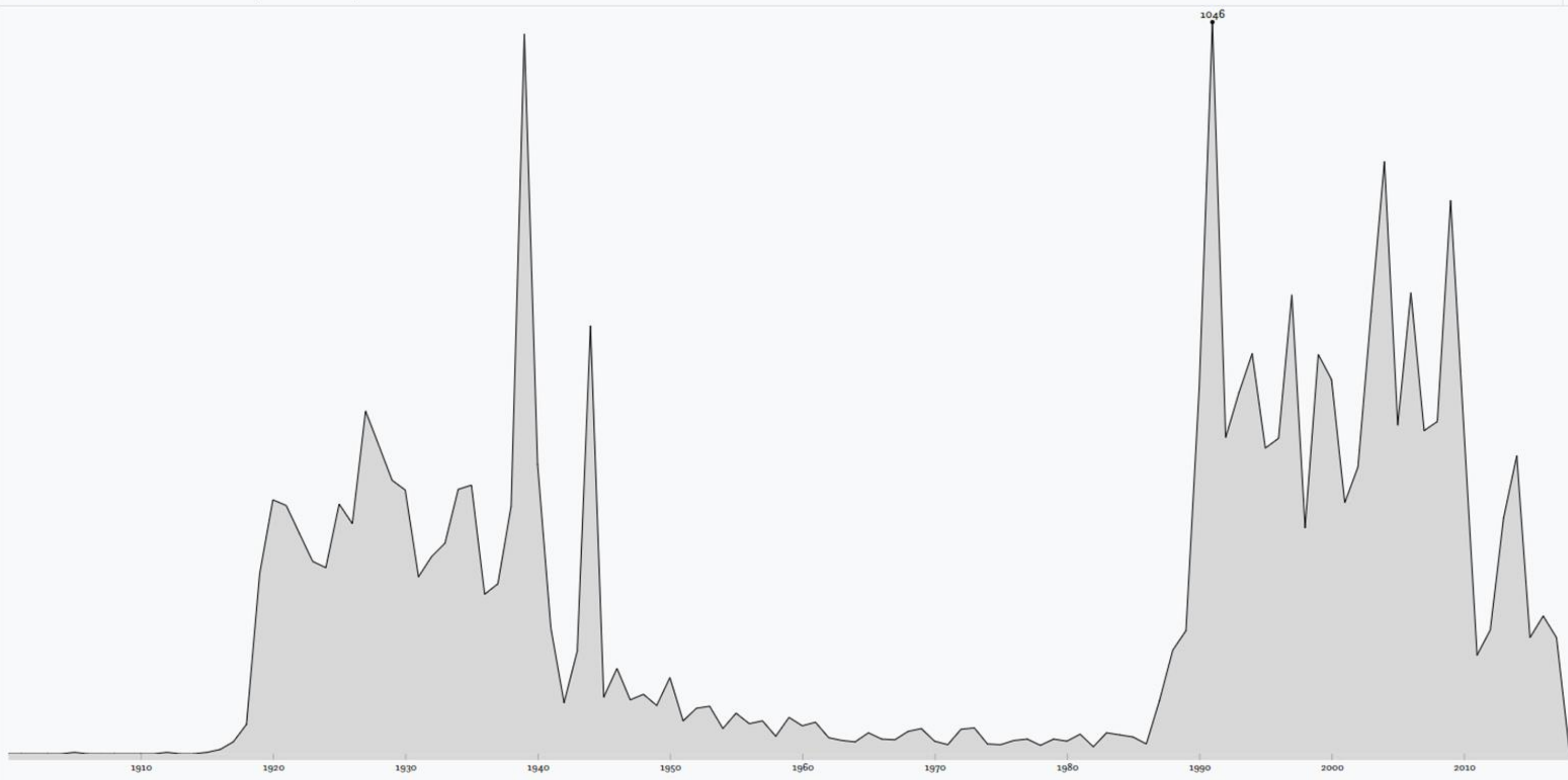
GARAMANTAS.LV

- More than 2000 collections

manuscripts, photographs, audio and video recordings, indexes, catalogues

LITERATURA.LV

IESAISTIES.LV

Heat map
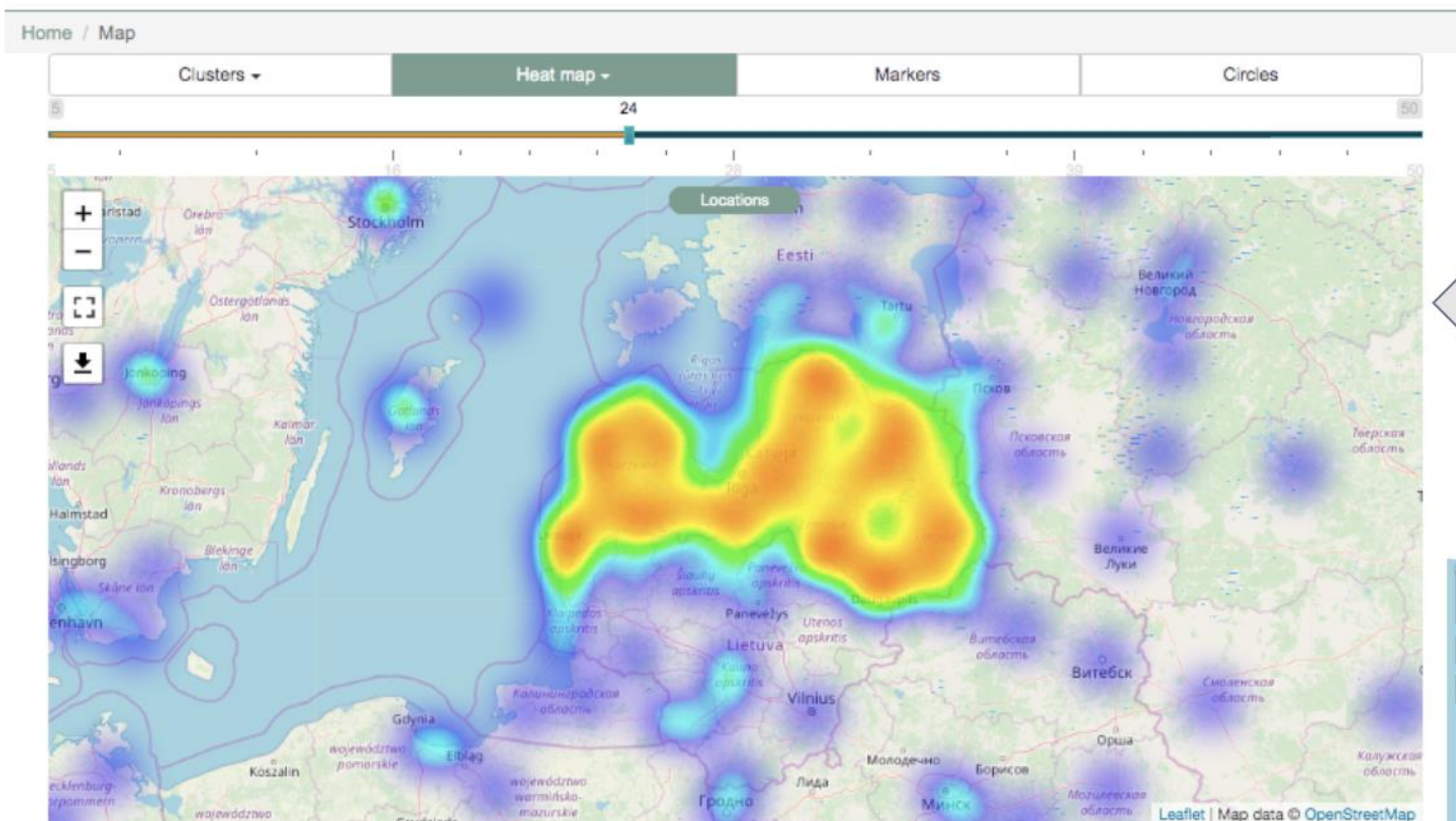
All data from data base displayed

Selected data displayed
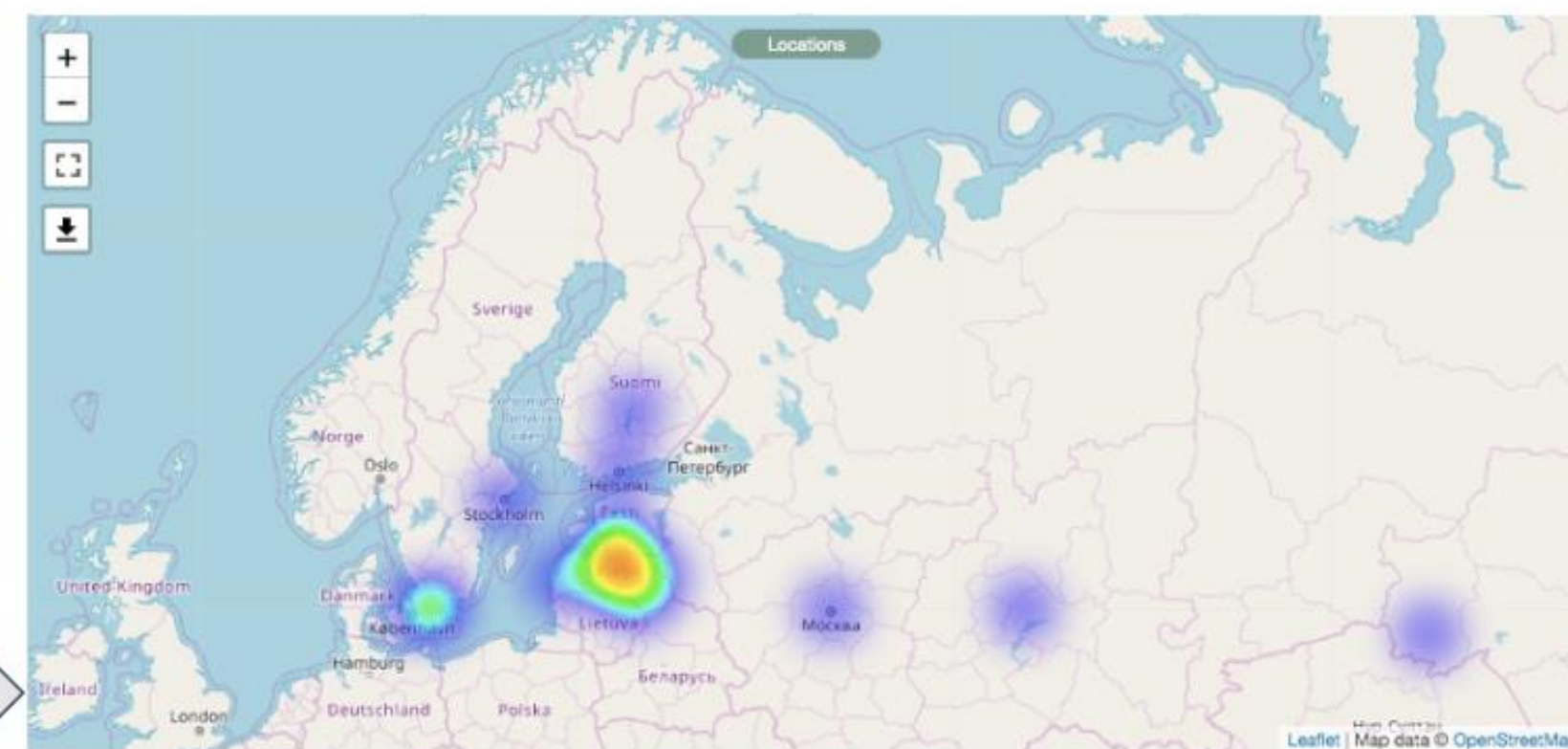
http://lv100.garamantas.lv

http://lasi.literatura.lv   http://jauta.garamantas.lv   http://kalendars.garamantas.lv

http://berni.literatura.lv   http://dziedi.garamantas.lv   http://lasi.literatura.lv/lnb100
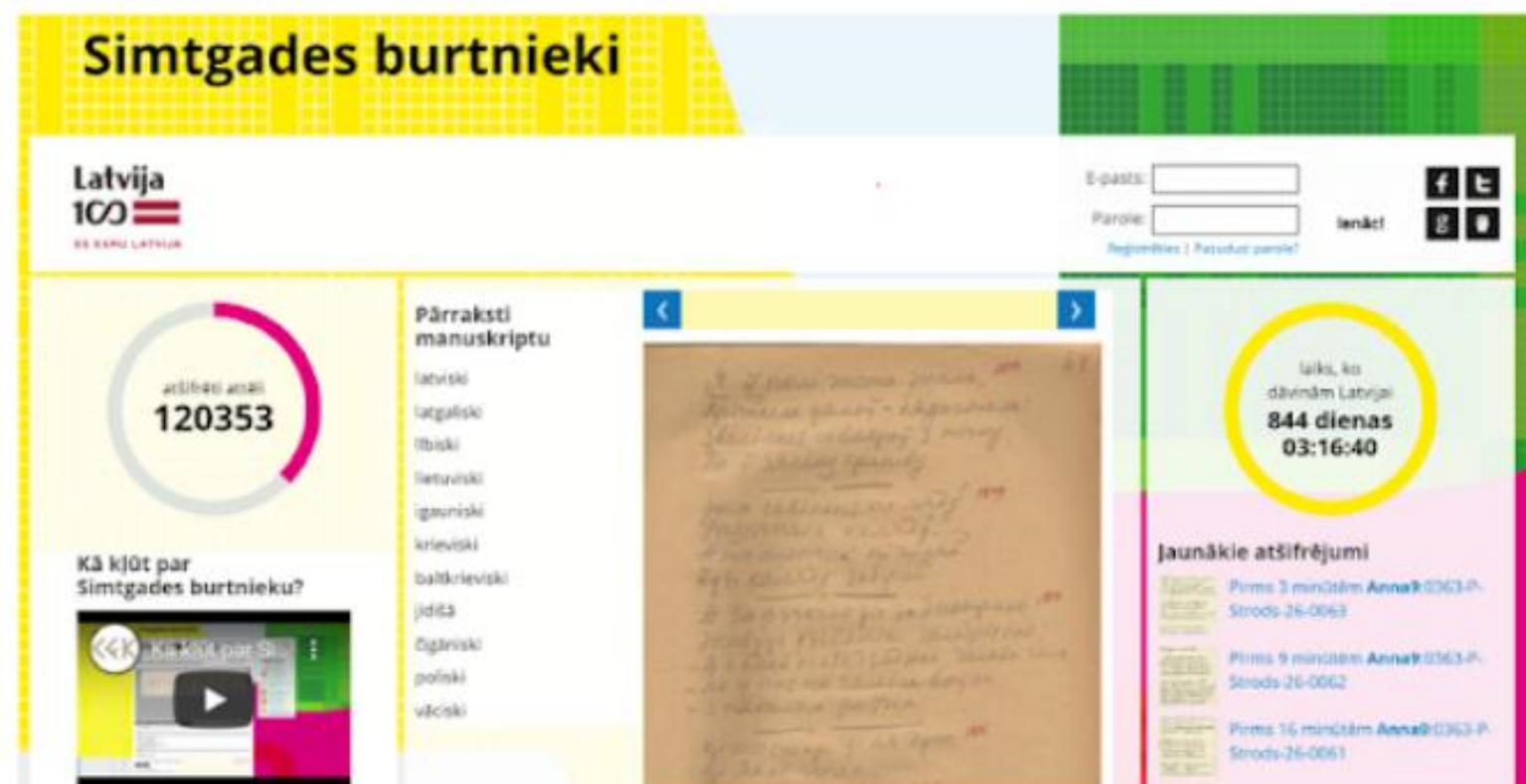
20260 hours of volunteer work
V. 2016 – I. 2020

(460 h monthly)

WELCOME!

Registration until
March 10, 10.00 am