

CLARIN services for the SSH

SSHOC WP3 activities

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Project:



SSHOC
social sciences & humanities open cloud



Horizon 2020
European Union Funding
for Research & Innovation

Type of action & funding:
Research and Innovation action
(INFRAEOSC-04-2018)

Partner institutions: 48
SSH ESFRI Landmarks and Projects
& international SSH data infrastructures
230+ people involved

Project budget:
€ 14,455,594.08

Duration: 40 months
(January 2019 – 30 April 2022)

Project website:
www.SSHOpenCloud.eu



Why Social Sciences and Humanities Open Cloud?

Objectives:

1. **To build the SSH Cloud:** creating the social sciences and humanities (**SSH**) part of European Open Science Cloud (**EOSC**)
2. **To maximise data re-use:** maximising **re-use** through **Open Science** and **FAIR** principles (standards, common catalogue, access control, semantic techniques, training)
3. **To interconnect RIs:** interconnecting existing and new infrastructures (clustered cloud infrastructure)
4. **To set up governance:** establishing appropriate **governance model** for SSH-EOSC

Being realised through 9 Work Packages:



SSHOC WP3 – the SSHOC CLARIN led work package

- Task 1 & 2 Multilingual Terminology & Selected Ontologies and Vocabularies
 - Task 3 Text & Data mining
 - Task 4 Data Citation (Making Data Findable by being Citable)**
 - Task 5 (Meta)Data Interoperability Hub
 - Task 6 CLARIN Tools for the SSH VCR and Switchboard**
- Additional actions: CLARIN Vocabulary Initiative**

SSHOC Switchboard

adapting the CLARIN Language Resource Switchboard for the SSH

Switchboard functional extensions

- Switchboard functional extensions
 - Data content outline and selection
 - Lightweight switchboard popup
 - Integrated simple data conversions
 - Commercial common services
 - Data dowsing
 - Service Ranking

Newly (or to be) Integrated Services

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 - CMDIexplorer
 - DAI dictionary service
 - Ariadne Visual Media Service
 - DDI, TEI conversions (SSHOC InteroperabilityHub)

Switchboard Integrations

- Switchboard Integrations
 - TextGrid repository
 - DARIAH-D repository
 - ARCHE
 - ARIADNE
 - SSHOC Dataverse

SSHOC Virtual Collection Registry

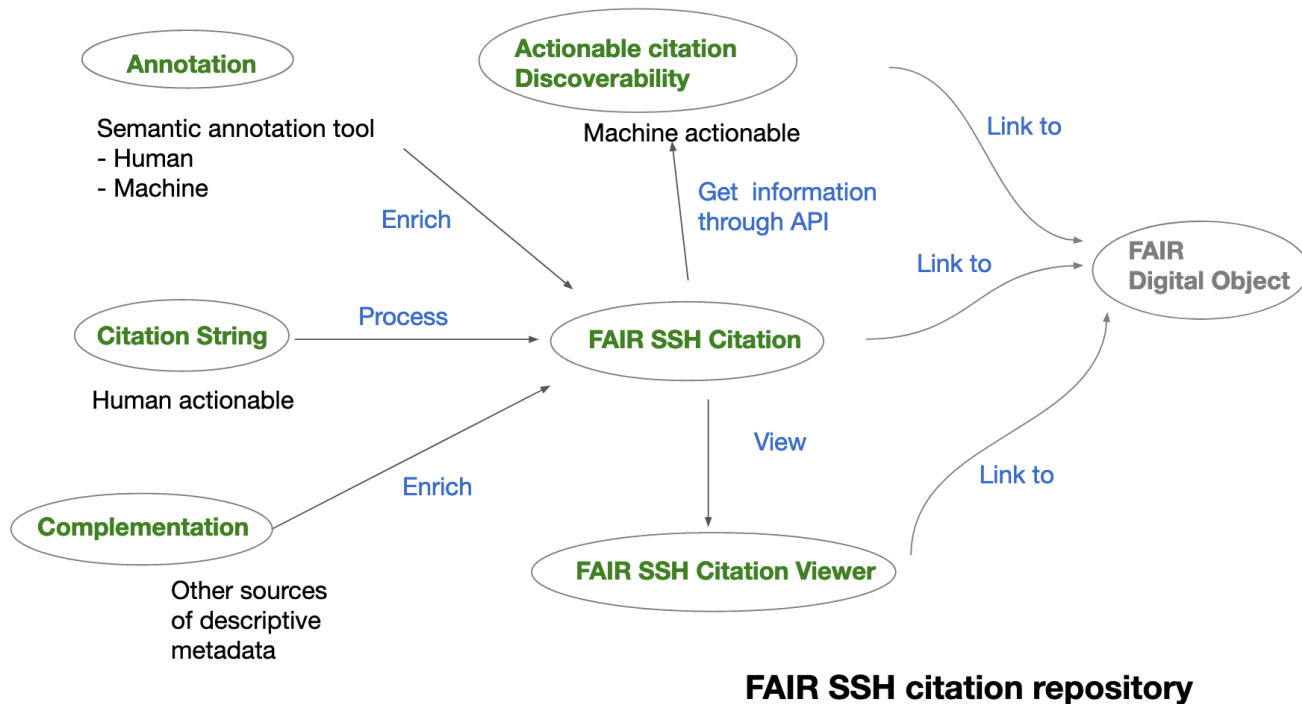
adapting the CLARIN VCR for the SSH

Use-cases from SSH

- 🌀 Create a personal data collection spanning different catalogues
- 🌀 Save and increment search results for future use, cross-site, cross-domain
- 🌀 Downloading the content of a VC into personal researcher's workspace
- 🌀 Research Objects; facilitate creation research objects supporting inter-collection relations; compare KG , PID Graphs, ...
- 🌀 Collaborative editing of VCs
- 🌀 Development requirements for many of these use-cases are now scheduled
- 🌀 Some are difficult to solve in SSH specific context e.g. related to AAI

SSHOC Citation

Toward a FAIR SSH Citation Infrastructure From Human actionability to Machine actionability



- 🔗 Provide recommendations for SSH communities (guidelines & webinar)
- 🔗 Liaise with other initiatives (RDA, CODATA, FREYA, LIBER etc.) and within SSHOC WPs
- 🔗 Define and develop a running prototype for processing citations
- 🔗 Sketch a view of the governance of this network of infrastructure

Other SSHOC related Bazaar Stalls

- 🌀 Facilitating Annotation of Collective Bargaining Agreements with Keywords Extraction
- 🌀 The SSH Open Marketplace: it's relevance for the CLARIN communities and CLARIN services
- 🌀 Social Science and Humanities Open Cloud: why vocabularies matter

Thank you for your attention!



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