## A SOLR Lucene based Multi Tier Annotation search solution

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CLARIAH - NL

CLARIN Annual Conference 2016, Aix-en-Provence

28 October 2016



### Web Service for Easy Text-to-TEl Normalization and Metadata Creation

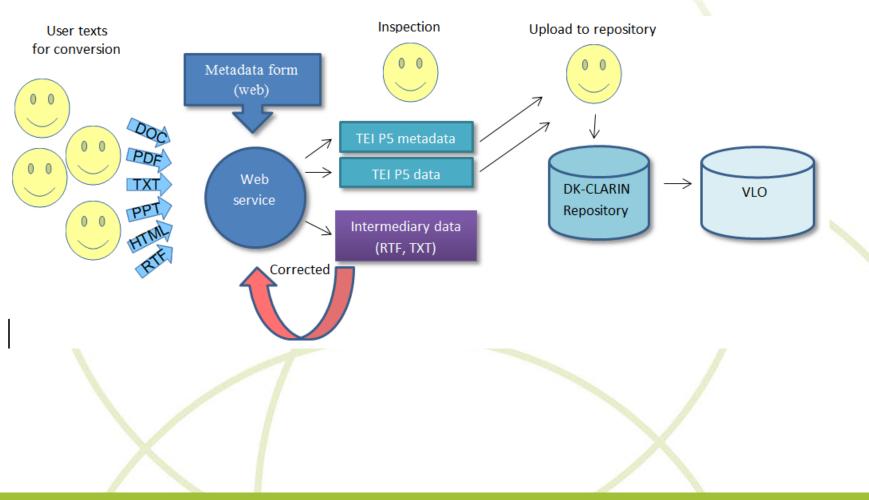
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#### **CLARIN Annual Conference 2016**



ACDH – AUSTRIAN CENTRE FOR DIGITAL HUMANITIES

AUSTRIAN ACADEMY OF SCIENCES



Davor Ostojić, Go Sugimoto, Matej Durčo (Austrian Centre for Digital Humanities) CLARIN Annual Conference 2016, Aix-en-Provence, France 2016-10-28

## OpenSKOS next edition: triple-store support for controlled vocabularies

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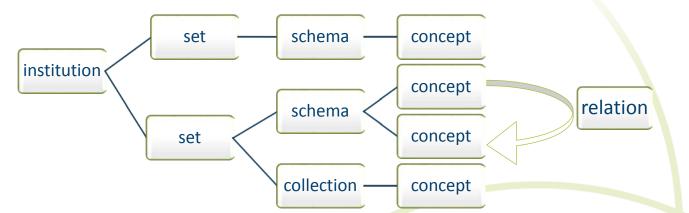
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OpenSKOS is used by the CLARIN core services: Clarin Concept Registry (CCR), CLARIN Vocabulary and Alignment Service (CLAVAS)

#### **OpenSKOS triple-store backend**

6 sorts of resources: institution, set, schema, collection, concept, relation

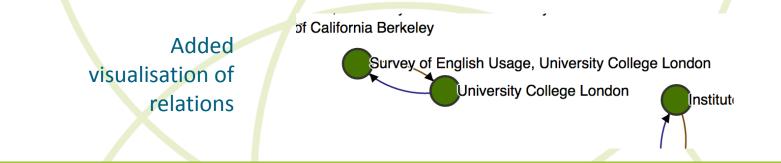


Triple store contains resources as groups of triples {<<u>uri, property\_x, value\_x</u>>}\_x

Index layer to facilitate search: SOLR

Relation support: a user-defined relation is a "regular" resource

Frontend in nederlab architecture, https://www.nederlab.nl



CLARIN Annual Conference 2016 – OpenSKOS next edition

## FLAT: a CLARIN-compatible repository solution based on Fedora Commons

Paul Trilsbeek and Menzo Windhouwer MPI for Psycholinguistics and Meertens Institute <u>Paul.Trilsbeek@mpi.nl</u>, <u>menzo.windhouwer@meertens.knaw.nl</u>

CLARIN Annual Conference 2016, Aix-en-Provence

26-28 October 2016



### Main goals of FLAT

- Develop a repository solution that is largely based on existing open source software -> minimize maintenance costs
- Fulfil CLARIN-B Centre requirements (including Data Seal of Approval requirements)
- Fulfil additional requirements from MPI and Meertens institutes

#### **Considered existing solutions**

 DSpace, EPrints, Fedora Commons (with Islandora and Hydra front ends), Greenstone

-> Fedora Commons with Islandora chosen as the starting point

#### Come see our poster + demo to find out more!

CLARIN Annual Conference 2016 – Paul Trilsbeek and Menzo Windhouwer



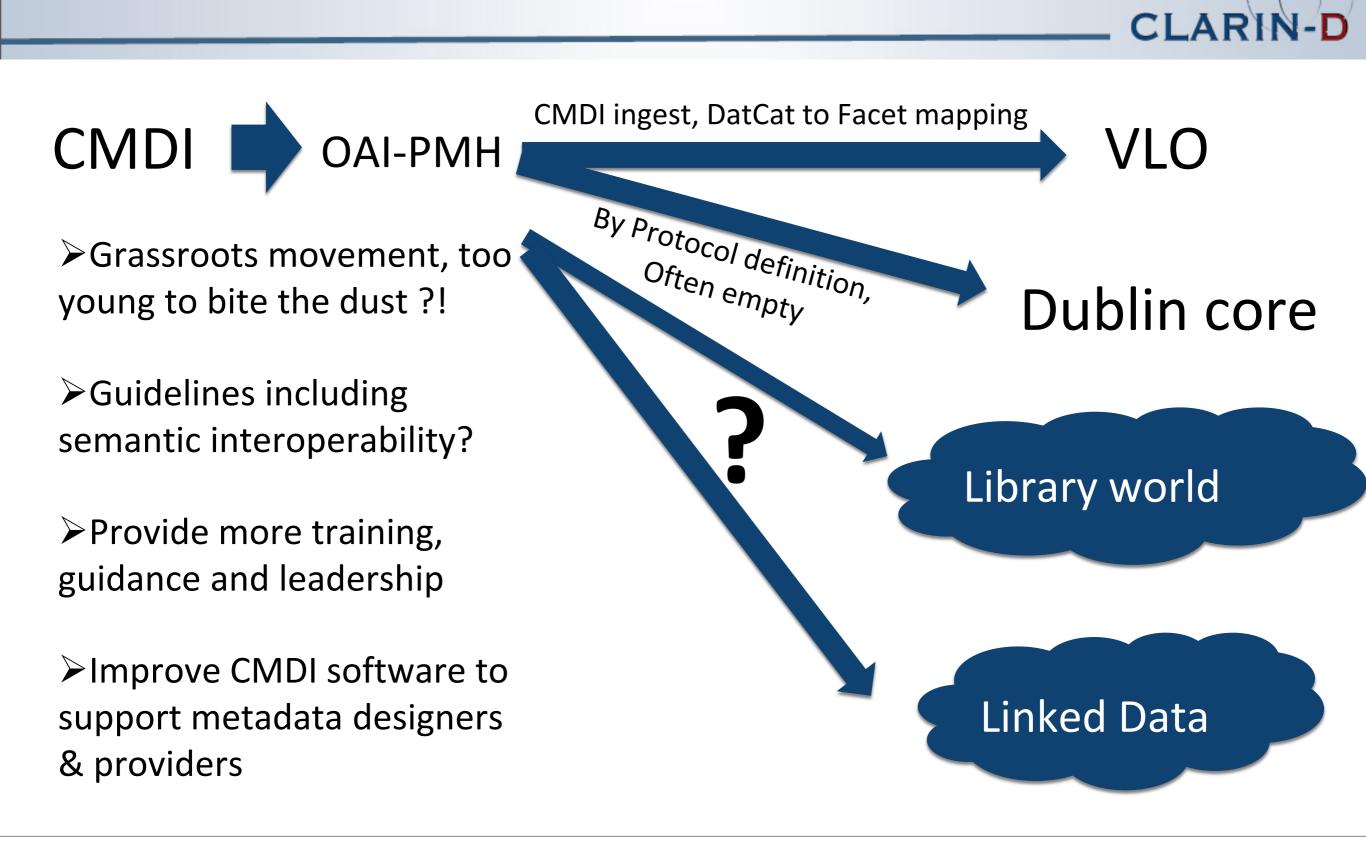
# Just for the record, CMDI should be about semantic interoperability

Thorsten Trippel, Claus Zinn Seminar für Sprachwissenschaft Universität Tübingen



CLARIN 2016 Annual Conference October 26-28, 2016, Aix-en-Provence, France







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