

# COMEDI: A New COmponent Metadata EDitor

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# Outline

Background

Existing editors

COMEDI

# Why another metadata editor?

## Creating and managing metadata

- is challenging for the inexperienced
- is time-consuming even for the experienced

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## CMDI metadata in particular

- required for CLARIN B centres
- existing editors lack sufficient support for CMDI + user-friendliness
- needs up to date support with CLARIN features (e.g. current license types)

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COMEDI

# ARBIL

- Developed at the Max Planck Institute for Psycholinguistics, Nijmegen
- Supports CMDI and IMDI
- For archivists and librarians, not for beginners
- Steep learning curve

# ProFormA

- Developed at the University of Tübingen for NaLiDa
- Web-based
- Supports CMDI fully in theory, but..
- Only NaLiDa profiles have been tested
- For other profiles: display errors (cardinality), limitations on controlled vocabulary..
- No validation of content

# META-SHARE

- Network of repositories resulting from the META-NET Network of Excellence
- Web-based
- No full CMDI support, only four built-in schemas which can be converted
- Autofill, autocompletion and validation
- Person info, institutional info and project info as reusable objects
- Slightly confusing display and navigation



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# COMEDI

- COMEDI=COmponent Metadata EDItor
- Handles any CMDI profile (currently v1.1)
- Web-based
- Upload, edit and download of any record (CMDI XML file; OAI-PMH wrapper)
- Login via eduGAIN, Clarin IdP or OpenIdP
- PID service (URN) (in progress)
- Can easily be deployed as a stand-alone application.
- Available under BSD license

# Create new or upload CMDI file

## Create a metadata record

Add a resource metadata record, starting from an empty profile

Choose profile:

... or provide a valid CMDI Profile ID:

Please provide an identifying name for the resource. This name will be used internally.

Identifier:

## Upload a metadata record

Upload an existing syntactically valid CMDI 1.1 metadata record. The file name (without extension) will be used as identifier.

Choose file:  Ingen fil valgt

# Search, view, edit, download metadata files

## Search in metadata records

Freetext search in existing metadata records. All matching records will be listed.

Resource name	CMDI Record XML	Owner	
Click to view or edit metadata record	Click to download		Delete
Das große Krötenbuch, mit braunfarbigen Illustrationen. <a href="#">request-test</a>	<a href="#">[Download]</a>	paul	
Koenraads corpus <a href="#">Koenraads corpus</a>	<a href="#">[Download]</a>	koenraad	
META-NORD Acquis English Treebank <a href="#">eng-jrc-acquis</a>	<a href="#">[Download]</a>	gunn	<input type="button" value="-"/>
META-NORD Acquis Estonian Treebank <a href="#">est-jrc-acquis-dep</a>	<a href="#">[Download]</a>	gunn	<input type="button" value="-"/>

# Access: Read/Write management

[Sign out](#) (*Gunn Inger Lyse Samdal (gunn)*)

## COMEDI :: Metadata Editor

**Profile ID:** clarin.eu:cr1:p\_1407745711925; fetch date: 2014-10-14T09:01:17Z [Refetch profile](#)

**Identifier:** [request-test](#) (Click to view OAI-PMH record)

**Creator:** Paul Meurer

**Creation Date:** 2014-10-10T07:52:39Z

**Last Change Date:** 2014-10-13T16:04:29Z

**Status:** published

**Access:** Read/Write (shared)

# Display - view mode

Resources | Identification info | Distribution info | **Contact person**  
Validation info | Usage info | Resource documentation info | Resource  
Corpus info

Component #3   |  View  Edit

## **Contact person** [1-∞]

**Role:** contactPerson

### **Person info** [1]

**Surname** [nob]: Lyse

**Given name** [xfew]: Gunn Inger

Lang Validation error: The language code "xfew" does not occur in ISO 639-3.

### **Communication info** [1]

**Email:** [value is missing]

# Display - edit mode

## **Communication info** [1/1] | ref: - | select existing *Communication info* | Hide content

Groups information on communication details of a person or an organization

### **Email** [1/1-∞] | [ISOCat]

The email address of a person or an organization

| ref: -

### **Url** [0/0-∞] | [ISOCat]

A URL used as homepage of an entity (e.g. of a person, organization, resource etc.) and/or where an entity document etc.) is located

# User-friendliness features

- Validation according to ValueScheme specification
- Easy reuse of components from existing metadata records
  - through cloning (editable copies)
  - through sharing (pointer to same component)
- Favourites (like ARBIL)
- Support for referring to resource parts (id/ref) in CMDI, with consistency check



# Saving, input and spell checking

- Working copies saved during a working session in the server database,
  - allowing work to be resumed at any time.
  - regardless of whether all user content is valid and complete.
- Unicode allowed for anything typed in
- Spell checking handled by the browser

# Support for license information in CLARIN

- Challenge: consistent and correct license info in metadata.
- UiB has classified licences wrt. User Category, License Family, Conditions of Use.
- CLIC (CLARIN Legal Issues Committee) has quality-checked the license table.
- Candidate to be published as external vocabulary in CLAVAS? (supported in CMDI 1.2)
- With CLARINO's license component, COMEDI adds the correct Conditions of Use automatically.

# Support for license information in CLARIN

## **Licence** [1/1] | [remove content](#) | [Hide content](#)

Groups information about a licence governing the use of the resource. restrictionsOfUse in the clarin.eu:cr1:c\_1352813745464 component (li

### Licence family [1/1] | [ISOCat]



### Licence name [1/1] | [ISOCat]



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### Licence name [1/1] | [ISOCat]

### Conditions of use [4/1-∞] [+](#) | [ISOCat]

Corresponds to the META-SHARE "restrictionsOfUse". Changed the n \*restrictions\* (e.g. "commercial use")

# COMEDI: first user test

- Low threshold for first use
- Top-level component menu is useful
- Autosave function when switching from Edit to View is desired
- More user feedback needed

# COMEDI demo

Demo session this afternoon!

<http://clarino.uib.no/comedi/>