A compact Component Metadata companion

Version 6
Oktober 2023

clarin.eu/cmdi-first-aid
The CMDI model

CMDI basics: clarin.eu/cmdi
CMDI 1.2 specification: clarin.eu/cmdi1.2-specification
CMDI best practices: clarin.eu/cmdi-best-practices

Tools for a CMD modeller

- List of recommended components:
  - clarin.eu/faq/there-list-recommend-components-and-profiles
- Get a grip on the differences between components and profiles in the SMC Browser:
  - clarin.oeaw.ac.at/smc-browser
- If needed, create your own components and profiles in the Component Registry:
  - clarin.eu/componentregistry
- Interact with your national CMDI and CCR coordinator(s) to construct and use good quality components, profiles and concepts:
  - clarin.eu/ccr
- Inspect common vocabularies in the CLARIN Vocabulary Service or suggest the creation of new vocabularies:
  - vocabularies.clarin.eu
- Assess the quality of your profiles and components:
  - curation.clarin.eu
- Inspect if the VLO can find its facets in your profiles:
  - vlo.clarin.eu/mapping
Tools for a CMD creator or curator

- Create your CMD records via:
  - Your own specific transformations, continue to validation
  - Your own specific forms, continue to validation
    - Get inspired by the CMDI Maker:
      - cmdi-maker.uni-koeln.de
    - ...or Coala, which converts (fixed) table structures into CMDI:
      - clarin.phonetik.uni-muenchen.de/BASWebServices/interface/Coala
  - Use a generic CMDI editor:
    - COMEDI: clarinouibno/comedi
    - HuC CMDI editor: https://cmdi.sd.dihuc.knaw.nl/ccf/
  - Use a generic XML editor:
    - For example, oXygen: oxygenxml.com

- Always validate your CMD records:
  - Validation and quality assessment of your published records, or via manual upload: curation.clarin.eu
  - CMDI Validator: github.com/clarin-eric/cmdi-instance-validator
  - SchemAnon: github.com/TheLanguageArchive/SchemAnon

- Any generic XML editor that supports XSD validation, e.g., oXygen (see above)
- xmllint --schema: available for most systems

Tools for a CMD provider

- Provide your CMD records for harvesting:
  - ...by the OAI provider supplied by your repository
    - For example, Fedora Commons can provide CMD records via Proai
  - ...or directly from the file system
    - We have good experiences with jOAI:
      - wiki.ucar.edu/display/nsdldocs/jOAI

- Register your endpoint in the CLARIN Centre Registry:
  - centres.clarin.eu

- Inspect the harvesting results at:
  - vlo.clarin.eu/oai-harvest-viewer

- And see the records appear in the VLO 😊
  - vlo.clarin.eu

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1 http://xmlsoft.org
2 https://proai.sourceforge.net/
And for all the CMDI questions you never dared to ask:

clarin.eu/cmdi

clarin.eu/faq

cmdi@clarin.eu

#cmdi on the CLARIN ERIC Slack

clarin.eu/cmdi-first-aid

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3 clarineric.slack.com; for access requests, contact slack@clarin.eu