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

**Tools for a CMD Modeller**

- List of recommended components:
  - www.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/exist/apps/smc-browser
- Create, if needed, your own components and profiles in the Component Registry:
  - www.clarin.eu/componentregistry
- Interact with your national CMDI and CCR coordinator(s) to construct and use good quality components, profiles and concepts:
  - www.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:
  - clarin.oeaw.ac.at/curate
- 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](http://cmdi-maker.uni-koeln.de)
  - ...or Coala, which converts (fixed) table structures into CMDI: [clarin.phonetik.uni-muenchen.de/BASWebServices/#!/services/Coala](http://clarin.phonetik.uni-muenchen.de/BASWebServices/#!/services/Coala)
- Use a generic CMDI editor:
  - COMEDI: [clarino.uib.no/comedi](http://clarino.uib.no/comedi)
  - Arbil: [tla.mpi.nl/tools/arbil](http://tla.mpi.nl/tools/arbil)
- Use a generic XML editor:
  - For example, oXygen: [www.oxygenxml.com](http://www.oxygenxml.com)
- Always validate your CMD records:
  - CMDI Validator: [github.com/clarin-eric/cmdi-instance-validator](https://github.com/clarin-eric/cmdi-instance-validator)
  - SchemAnon: [github.com/TheLanguageArchive/SchemAnon](https://github.com/TheLanguageArchive/SchemAnon)
  - Any generic XML editor that supports XSD validation, e.g., [oXygen](http://oxygenxml.com)
  - [xmllint --schema](http://xmllint.sourceforge.net/): 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 Proai¹
  - ...or directly from the file system
  - We have good experiences with jOAI: [uc.dls.ucar.edu/joai](http://uc.dls.ucar.edu/joai)
- Register your endpoint in the CLARIN Centre Registry: [centres.clarin.eu](http://centres.clarin.eu)
- Inspect the harvesting results at: [vlo.clarin.eu/oai-harvest-viewer](http://vlo.clarin.eu/oai-harvest-viewer)
- And see the records appear in the VLO ☺ [vlo.clarin.eu](http://vlo.clarin.eu)

And for all the CMDI questions you never dared to ask:

clarin.eu/cmdi

clarin.eu/faq

cmdi@clarin.eu

trac.clarin.eu/wiki/Taskforces/CMDI

2 Requires a CLARIN developers account – see https://www.clarin.eu/dev