

Nederlab core metadata specification

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Introduction

The Nederlab team carefully designed and tested a Nederlab core metadata schema. We had a number of reasons to do this:

- We need a 'pivot' metadata format to be able to efficiently develop our software and information systems
- We have to be able to index and search aggregated metadata. Our metadata choices have to be 'indexable'.
- We have to be able to bundle and link a range of identifiers of resources that we import into the Nederlab thesauri
- We need specific metadata fields to support our editorial processes
- We intend, amongst others, to specialize on the diachronic aspects of the Nederlab data, which compels us to focus strongly on the homogenization of all kinds of dating issues in respect to historical resources

Metadata fields of imported collections are either mapped to this Nederlab core metadata, imported 'as is' or ignored. Our metadata specification is fully compliant with the CLARIN CMDI standard and is formally documented in the relevant CLARIN registries.

Types of resources

There are four types of resources that can be described by Nederlab metadata:

- [Titles](#)
- [Dependent titles](#)
- [Persons](#)
- [Series titles](#)

The metadata schema for each of these resource types is formally specified by a CMDI profile. Each of these profiles consists of a number of basic building blocks, CMDI components. These components in turn consist of metadata elements (fields) and/or subcomponents. Several Nederlab components are reused for more than one Nederlab resource type. An overview of the component structure per profile is given here. For details about each component see the next section.

Profile: NederlabTitle

NederlabTitle consists of the following components:

- [NLCore \(1x\)](#)
 - [NLIdentification](#)
 - [NLAdministrative](#)
 - [NLExternalReference](#)
- [NLTitle \(1x\)](#)
- [NLCollectionSpecific \(0 or more times\)](#)

Profile: NederlabDependentTitle

NederlabDependentTitle consists of the following components:

- [NLCore \(1x\)](#)
- [NLDependentTitle \(1x\)](#)
- [NLCollectionSpecific \(0 or more times\)](#)

Profile: NederlabPerson

NederlabPerson consists of the following components:

- [NLCore \(1x\)](#)
- [NLPerson \(1x\)](#)

- [NLCollectionSpecific \(0 or more times\)](#)

Profile: NederlabSeriesTitle

NederlabSeriesTitle consists of the following components:

- [NLCore \(1x\)](#)
- [NLSeriesTitle \(1x\)](#)
- [NLCollectionSpecific \(0 or more times\)](#)

Components

Component: NLCore

Definition: Core sub components shared by all Nederlab records

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
NLIdentification		comp	1-1	Sub component that bundles all identifiers that are relevant for Nederlab.	
NLAdministrative		comp	1-1	Elements that are used to document the Nederlab editorial process	
NLExternalReference		comp	0-n	Component to refer to external information about some Nederlab title or author.	

Component: NLIdentification

Definition: Sub component that bundles all identifiers that are relevant for Nederlab

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
nederlabID	nederlabID	elmnt	1-1	Unique identifier assigned to every Nederlab resource. It identifies all versions of this resource over time.	
editorialCode	redactieCode	elmnt	0-1	Additional identifier for Nederlab resources. Can be assigned to any Nederlab resource by the editorial staff. It encodes authors and titles and is meant to be used in editorial processes, not for publication purposes.	
versionID	versieID	elmnt	1-1	Unique identifier used for a specific version of a Nederlab resource.	enables keeping consecutive versions of the record
sourceRef	bronRef	elmnt	0-1	Identifier of a Nederlab resource in one of it's originating collections.	
sourceURI	bronURI	elmnt	0-1	Identifier of a Nederlab resource in one of it's originating collections represented as a resolvable http URI.	

Component: NLAdministrative

Definition: Elements that are used to document the Nederlab editorial process

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
ingestTime	datumOpname	elmnt	1-1	Date and time when the metadata record was ingested into the Nederlab editorial system and assigned its own nederlabID	
expirationTime	vervaltijd	elmnt	0-1	Date and time when a Nederlab record and/or resource is superseded by a new version. A record with this time value set is considered 'deprecated' but is not removed from the system.	
lastEditedBy	laatstGewijzigdDoor	elmnt	0-1	Name or identifier of the last person that modified a Nederlab metadata record	
modificationTime	modificatietijd	elmnt	0-1	Date and time when a nederlab metadata record is last modified	
editorialNote	redactieCommentaar	elmnt	0-n	Editorial comment that can be associated with any editorial update of a Nederlab metadata record	
sourceCollection	bronCollectie	elmnt	0-1	Name of (one of) the collection(s) where a Nederlab title originates from	
isThesaurusElement	isThesauruselement	elmnt	0-1	Flag that indicates whether a Nederlab author or title is considered to be a part of the NL-thesaurus or not	

Component: NLExternalReference

Definition: Component to refer to external information about some Nederlab title or author

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
organizationName	organisatienaam	elmnt	0-1	Name of an organization that publishes a resource description that is related to a specific Nederlab metadata record.	
collectionName	collectienaam	elmnt	0-1	Name of a collection that publishes a resource description that is related to a given Nederlab metadata record	
resourceRef	externeBronref	elmnt	1-1	Identifier of a resource description in an external collection, that is related to a specific Nederlab metadata record	preferably a resolvable http URL

Component: NLTitle

Definition: Core metadata set for Nederlab titles

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
title	titel	elmnt	1-1	The title of a publication in Nederlab. These titles are possibly unified and curated by the Nederlab editorial staff	
subtitle	ondertitel	elmnt	0-1	A subtitle of a Nederlab title	
genre	genre	elmnt	0-n	One of the genres from the vocabulary of Nederlab. Assigned to Nederlab titles.	
subgenre	subgenre	elmnt	0-n	A subgenre of a Nederlab genre. One of the genres from the Nederlab genre vocabulary.	
category	categorie	elmnt	0-n	Appearances of a title in Nederlab, for example work, reprint, etc.	
yearOfPublicationMin	publicatiejaarMin	elmnt	1-1	Earliest year of publication of a Nederlab title. If equal to maxYearOfPublication then it is exactly the year of publication. This value can be an automatically determined approximation.	
yearOfPublicationMax	publicatiejaarMax	elmnt	1-1	Latest year of publication of a Nederlab title. If equal to minYearOfPublication then it is exactly the year of publication. This value can be an automatically determined approximation.	
yearOfPublicationApprox	publicatiejaarApprox	elmnt	0-1	Flag indicating that the publication year information of a Nederlab title record is approximated and therefore not exactly known	
yearOfPublicationLabel	publicatiejaarLabel	elmnt	1-1	Literal replication of the year of publication of a Nederlab title as it is imported from the originating collection	
edition	drukvermelding	elmnt	0-1	Numerical indication of which print or reprint the	Several editions

				actual title represents, i.e. 'Iste druk', '2de druk', '3de druk' etc.	can be linked a thesaurus title via 'contains'
inNederlabAs	inNederlabAls	elmnt	0-1	Refers to the identifier of a Nederlab title in the Nederlab thesaurus. Links this title to a title in the Nederlab thesaurus that is considered equivalent	
NLPublicationPlace	publicatieplaats	comp	0-n	Set of fields together describing a place of publication of a Nederlab title	
numberOfPages	aantalPaginas	elmnt	0-1	Number of pages of a Nederlab title	
numberOfWords	aantalWoorden	elmnt	0-1	Number of words of a Nederlab title. This is probably not in every respect an accurate number since it depends on the definition of a word (depends on the tokenizer used)	
primaryLanguage	hoofdtaal	elmnt	0-1	The language that is used most in a title in Nederlab, expressed as a ISO-639-3 language code	
characterEncoding	karaktercodering	elmnt	1-1	Character encoding used for a title in Nederlab. The default is UTF-8	
codingStandard	codeerstandaard	elmnt	0-n	Bibliographic conventions for encoding of content in Nederlab titles, sometimes proprietary. Example: TEI.	
textQuality	tekstkwiteit	elmnt	0-1	Quality of the text of a Nederlab title, as assessed by the Nederlab editorial staff	
processingMethod	verwerkingswijze	elmnt	0-1	Description of the way in which a text is processed by the data provider: i.c. ' uncorrected oct', ' critical – in modern spelling', ' critical – translated in modern Dutch', etc	
autopsyPerformed	autopsieUitgevoerd	elmnt	0-1	The assessment of the qualitative aspects of the	

				current file based on a generalisation of a random sample, or on the autopsy of the current file itself	
NLPersonRef	persoonsRef	comp	0-n	Reference to a NLPerson, possibly combined with a specific role determined by the context from where the reference is used	
contains	bevat	elmnt	0-n	Reference to another independently existing title that is contained within a Nederlab title record (e.g. collected works)	
seriesTitle	koepeltitel	elmnt	0-1	Title of a series of titles, like a newspaper or a magazine	

Component: NLPublicationPlace

Definition: Set of fields together describing a place of publication of a Nederlab title

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
placeOfPublication	publicatieplaats	elmnt	1-1	Place of publication of a Nederlab title	
placeID	plaatsID	elmnt	0-1	Identifier or code for place of publication	Like a 'kloek-code'
placeOfPublicationOriginal	publicatieplaatsOrigineel	elmnt	1-1	Literal string representation of the place of publication of a Nederlab title as it is imported from the originating collection	

Component: NLPersonRef

Definition: Reference to a NLPerson, possibly combined with a specific role determined by the context from where the reference is used

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
personID	persoonsID	elmnt	1-1	Nederlab id of a person that is associated with a title, possibly in a specific role	
role	rol	elmnt	0-n	Role of a person in the context of some Nederlab title record	Like author, editor, illustrator, etc.

Component: NLDependentTitle

Definition: Core metadata fields for titles that do not exist independently of other titles, like articles in a magazine or a newspaper

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
title	titel	elmnt	1-1	The title of a publication in Nederlab	
subtitle	ondertitel	elmnt	0-1	A subtitle of a Nederlab title	
primaryLanguage	hoofdtal	elmnt	0-1	The language that is used most in a title in Nederlab, expressed as a ISO-639-3 language code	
parentTitleID	zelfstandigeTitelID	elmnt	1-1	Nederlab identifier of the title that a not-independently existing title is part of. Example: newspaper article as part of a volume of a newspaper	
personID	persoonsID	elmnt	0-1	Nederlab id of a person that is associated with a title, possibly in a specific role	
role	rol	elmnt	0-n	Role of a person in the context of some Nederlab title record.	
startPage	startPagina	elmnt	0-1	Number of the first page of a Nederlab dependent title with respect to its parent title	
endPage	eindPagina	elmnt	0-1	Number of the last page of a Nederlab dependent title with respect to its parent title	

Component: NLPerson

Definition: Core metadata elements for Nederlab persons

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
NLPersonName		comp	1-n	Group of metadata elements together describing a person name in Nederlab	
preferredNameID	voorkeursnaamID	elmnt	1-1	Reference to the PersonName that is preferably used	
dateOfBirthDayMonth	geboortedatumDagMaand	elmnt	0-1	Month and day of the month part of the original string that describes the date of birth of a person	
yearOfBirthMin	geboortejaarMin	elmnt	0-1	Earliest year of birth of a Nederlab author. If equal to maxYearOfBirth then it is exactly the year of birth. This value can be an automatically determined approximation.	
yearOfBirthMax	geboortejaarMax	elmnt	0-1	Latest year of birth of a	

				Nederlab author. If equal to minYearOfBirth then it is exactly the year of birth. This value can be an automatically determined approximation.	
yearOfBirthApprox	geboortejaarApprox	elmnt	0-1	Flag indicating that the year of birth information of a Nederlab author is approximated and therefore not exactly known	
yearOfBirthLabel	geboortejaarLabel	elmnt	0-1	Full year of birth string as in original source	
placeOfBirth	geboorteplaats	elmnt	0-1	Place of birth of an author in Nederlab	
placeOfBirthID	geboorteplaatsID	elmnt	0-1	Identifier or code for place of birth	
dateOfDeathDayMonth	sterfdatumDagMaand	elmnt	0-1	Month and day of the month part of the original string that describes the date of death of a person	
yearOfDeathMin	sterfjaarMin	elmnt	0-1	Earliest year of death of a Nederlab author. If equal to maxYearOfDeath then it is exactly the year of death. This value can be an automatically determined approximation.	
yearOfDeathMax	sterfjaarMax	elmnt	0-1	Latest year of death of a Nederlab author. If equal to minYearOfDeath then it is exactly the year of death. This value can be an automatically determined approximation.	
yearOfDeathApprox	sterfjaarApprox	elmnt	0-1	Flag indicating that the year of death information of a Nederlab author is approximated and therefore not exactly known	
yearOfDeathLabel	sterfjaarLabel	elmnt	0-1	Full year of death string as in original source	
placeOfDeath	sterfplaats	elmnt	0-1	Place of death of an author in Nederlab	
placeOfDeathID	sterfplaatsID	elmnt	0-1	Identifier or code for place of death	
gender	geslacht	elmnt	0-1	Gender of an person in Nederlab	
profession	beroep	elmnt	0-n	Profession of an person in Nederlab	

education	opleiding	elmnt	0-n	Education of an person in Nederlab	
inThesaurusAs	inThesaurusAls	elmnt	0-1	Refers to the identifier of a Nederlab author in the Nederlab thesaurus. Links this person to a person in the Nederlab thesaurus that is considered equivalent	

Component: NLPersonName

Definition: Group of metadata elements together describing a person name in Nederlab

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
lastName	achternaam	elmnt	1-1	Last name of an author in Nederlab	
firstName	voornaam	elmnt	0-1	First name of an author in Nederlab	
infixes	tussenvoegsels	elmnt	0-1	Infixes in the name of an author in Nederlab	
firstNameFull	volledigeVoornamen	elmnt	0-1	Complete first names of an author in Nederlab	

Component: NLSeriesTitle

Definition: Bundles titles of a series, like a newspaper or a magazine. Can be recursive.

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
title	titel	elmnt	1-1	The title of a publication in Nederlab	
years	jaargangen	elmnt	0-1	Range of years of publication of works belonging to a Nederlab SeriesTitle	
description	beschrijving	elmnt	0-1	Description of a Nederlab SeriesTitle	
seriesTitleID	koepeltitelID	elmnt	0-1	Reference to an overarching series title	

Component: NLCollectionSpecific

Definition: Imported metadata fields that are not mapped to Nederlab metadata. Represented as key value pairs

Element name	Elmt name - Dutch	Type	Multiplicity	Definition	Notes
key	sleutel	elmnt	1-1	Collection specific field, where the collection in question is represented by 'NLCore.NLAdministrative.sourceCollection'	
value	waarde	elmnt	1-1	Value of this collection specific field	