

Narthex

a visual screenshot tour

`https://github.com/delving/narthex`



Gerald de Jong <gerald@delving.eu>
CRM-SIG Demonstration 2014-09-30

“A Place of Penitence”

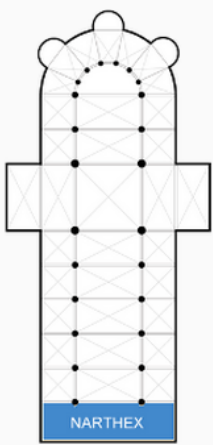
A tool for exploring and preparing cultural heritage data for presentation and engagement

The **narthex** is an architectural element typical of **early Christian** and **Byzantine basilicas** or **churches** consisting of the entrance or **lobby** area. Traditionally the narthex was a part of the church building, but was not considered part of the church proper. It is either an indoor area separated from the nave by a screen or rail, or an external structure such as a porch.

Login

Single-Sign-On

Login



Username

Password

Log In







NARTEX

What does it do right now?

- accept XML data file - drop or harvest
- derive schema
- compile all field values
- compile value histograms
- make available via REST API
- SKOS terminology mapping enrichment
- provide OAI-PMH access to records

Dataset List

All Datasets

NARTHEX		Dashboard
Files	SIPs	
	"Museum of African Culture" from "RCE": afrikamuseum [icn] (7932) Saved	
	"Brabant Historical Information Center" from "Erfgoed Brabant": bhic [tib] (183884) Published	
	"British Museum Sample Data" from "British Museum": british_museum [merlin] Analyzed	
	"Monuments - Harvest Demonstration" from "RCE": harvest_monuments [car] Ready	
	"Historical Images" from "Institute for Historical Photography": rce_beedlibank [adlib] (401960) Published	
	"National Monuments Database" from "Rijksdienst voor het Cultureel Erfgoed": rce_monuments [car] (63930) Published	

Metadata

Edit

Save

Monuments - Harvest Demonstration from "RCE": harvest_monuments [car]

"Historical Images" from "Institute for Historical Photography": rce_beedlbank

[View Schema](#) [Edit Metadata](#) [View Details](#) [Un-Publish](#) [Terminology](#)

Dataset Name

Historical Images

Data Provider

Institute for Historical Photography

Description

Photos from 1900 to 1980 in The Netherlands

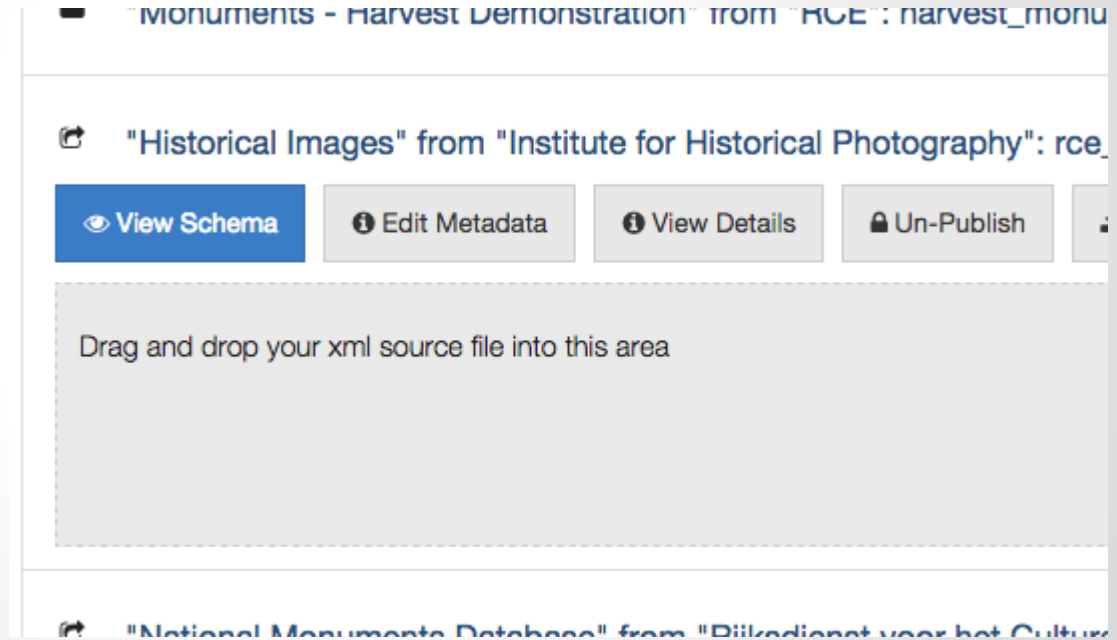
[Save](#)

"National Monuments Database" from "Rijksdienst voor het Cultureel Erfgoed"

Drop a source file

.xml

.xml.gz



Uploading

Uploading a dropped file

The screenshot shows a web interface for managing datasets. At the top, there is a breadcrumb trail: "aes [bm]" followed by a grey button labeled "Empty". Below this, a folder entry is shown: "British Museum Sample" from "researchspace": AES [merlin] ↓, also followed by a grey "Empty" button. A row of four buttons is displayed: "Edit Metadata" (with an info icon), "View Details" (with an info icon), "Drop a new file" (with a recycle icon), and "Delete dataset" (with a trash icon and a red background). Below the buttons is a dashed-line box containing the text "Drag and drop your xml source file into this area" and three black gear icons. At the bottom of this dashed box is a green progress bar with diagonal stripes, showing "39%". At the very bottom of the interface, there is a breadcrumb trail: "beeld foai dcl (148696)" followed by a blue button labeled "Ready".

Prepare Harvest

Server
Information

OAI-PMH

AdLib

British Museum Sample Data from British Museum: British Museum [pmh]

Monuments - Harvest Demonstration from "RCE": harvest_monuments [car] Ready

[Edit Metadata](#) [View Details](#) [Split and Analyze](#) [Harvest from Server](#) [Empty dataset](#)

Harvest Server Type

OAI-PMH AdLib API

Server URL

http://localhost:9000/narthex/oai-pmh/secret

Server Dataset

rce_monuments__car

Metadata Prefix

car

[Harvest](#)


"Historical Images" from "Institute for Historical Photography": rce_headbank [adlib] (401960) Published

Harvesting

In progress...

British Museum Sample Data from "British Museum": british_museum [merin] Empty

⚙️ "Monuments - Harvest Demonstration" from "RCE": harvest_monuments [car] ↓ Harvesting

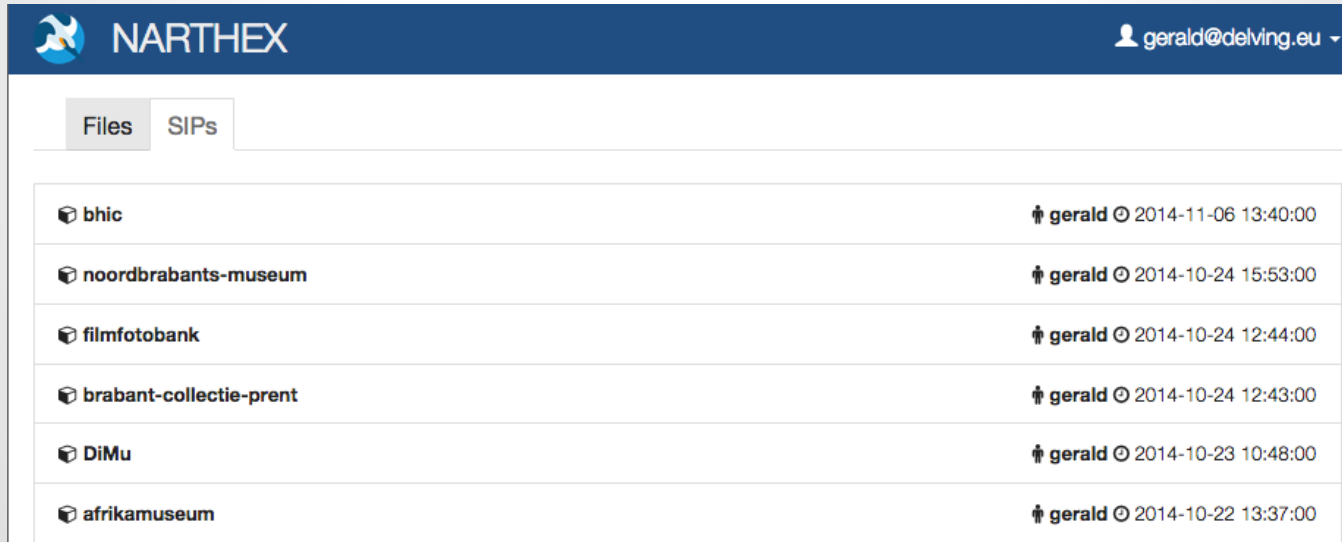
 51%

Edit Metadata View Details Harvest from Server Cancel harvesting

📁 "Historical Images" from "Institute for Historical Photography": rce_beechbank [adlib] (401960) Empty

Data from SIP-Creator

Uploaded SIP files

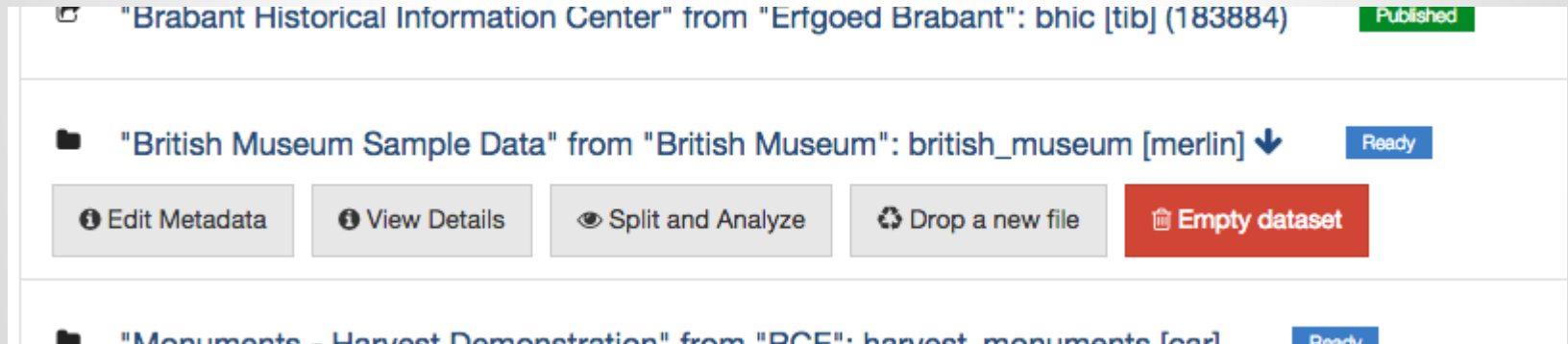


The screenshot shows the NARTHEX web interface. At the top, there is a dark blue header with the NARTHEX logo on the left and the user email 'gerald@delving.eu' on the right. Below the header, there are two tabs: 'Files' (selected) and 'SIPs'. The main content area displays a table of uploaded SIP files.

File Name	Uploaded By	Upload Date and Time
bhic	gerald	2014-11-06 13:40:00
noordbrabants-museum	gerald	2014-10-24 15:53:00
filmfotobank	gerald	2014-10-24 12:44:00
brabant-collectie-prent	gerald	2014-10-24 12:43:00
DiMu	gerald	2014-10-23 10:48:00
afrikamuseum	gerald	2014-10-22 13:37:00

Before Analysis

Press on “Split and Analyze”



The screenshot displays a list of datasets in a web application. The first dataset is "Brabant Historical Information Center" from "Erfgoed Brabant", identified as "bhic [tib] (183884)", with a green "Published" status. The second dataset is "British Museum Sample Data" from "British Museum", identified as "british_museum [merlin]", with a blue "Ready" status. Below this dataset, there is a row of five buttons: "Edit Metadata", "View Details", "Split and Analyze", "Drop a new file", and "Empty dataset". The "Empty dataset" button is highlighted in red. A third dataset, "Monuments - Harvest Demonstration" from "RCE", is partially visible at the bottom with a "Ready" status.

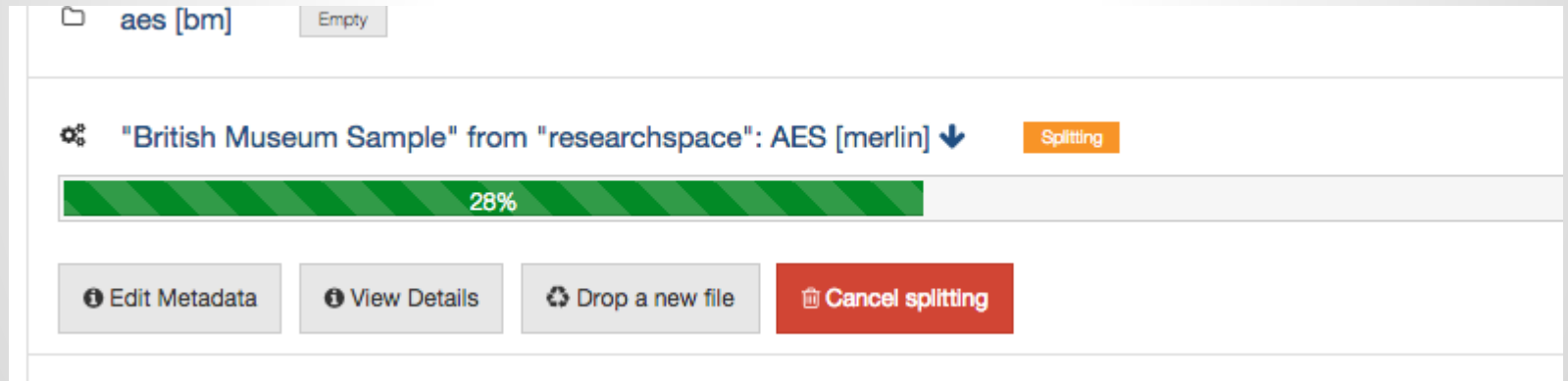
📁	"Brabant Historical Information Center" from "Erfgoed Brabant": bhic [tib] (183884)	Published
📁	"British Museum Sample Data" from "British Museum": british_museum [merlin] ↓	Ready
📁	"Monuments - Harvest Demonstration" from "RCE": harvest_monuments [cer]	Ready

Buttons for the "British Museum Sample Data" dataset:

- Edit Metadata
- View Details
- Split and Analyze
- Drop a new file
- Empty dataset

Analysis

Splitting and Analyzing



The screenshot shows a file manager window for a folder named "aes [bm]". The folder is currently empty. A file named "British Museum Sample" from "researchspace" is being analyzed using AES [merlin]. The file is in the process of being split, as indicated by the "Splitting" button and the progress bar. The progress bar is green and shows 28% completion. Below the progress bar are four buttons: "Edit Metadata", "View Details", "Drop a new file", and "Cancel splitting".

Folder: aes [bm] Empty

File: "British Museum Sample" from "researchspace": AES [merlin] ↓ Splitting


Progress: 28%

Buttons: Edit Metadata, View Details, Drop a new file, Cancel splitting


Explore

Schema, Histograms, Samples

rce_beedbank__adlib /adlibXML/recordList/record/creator.role

Schema 

- recordList 1
 - record Record Root: 401960
 - alternative_number 252643
 - alternative_number.type 252643
 - collection 143612
 - commissioned_by 443
 - content.person.name 4548
 - content.person.name.type 4505
 - @option 4505


Histogram **Samples** Lengths Terminology Mapping 

Fotograaf	371111 (100%)
Reprofotograaf	24 (0%)
Tekenaar	3 (0%)
Ontwerper	1 (0%)
Drukker / Uitgever	1 (0%)

Samples

Random values

rce_beedbank__adlib /adlibXML/recordList/record/description

Schema 

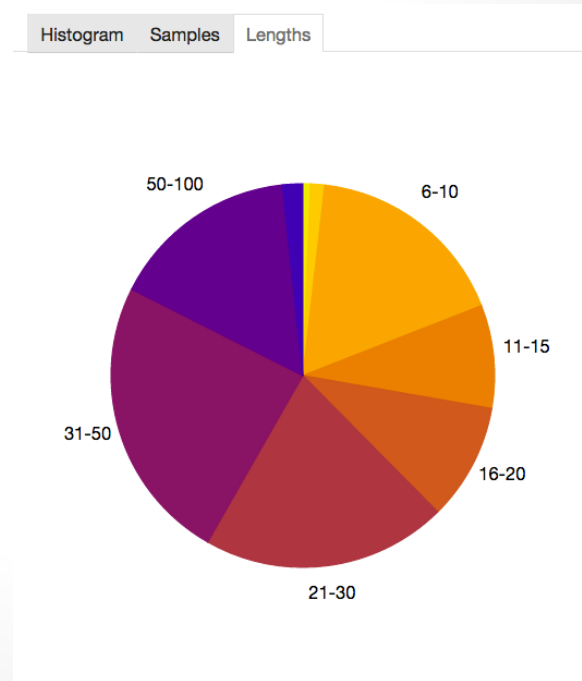
- recordList 1
 - record Record Root: 401960
 - alternative_number 252643
 - alternative_number.type 252643
 - collection 143612
 - commissioned_by 443
 - content.person.name 4548
 - content.person.name.type
 - @option 4505
 - @value 4505
 - text 27030
 - @language 27030
 - content.source.general 1
 - content.subject Terminology: 199701
 - content.subject.position 1
 - content.subject.type
 - @option 199774
 - @value 199773
 - text 1198638
 - @language 1198638
 - creator 371000
 - creator.date_of_birth 370997
 - creator.date_of_death 370997
 - creator.history 370997
 - creator.role 371140
 - current_location 83563
 - content.location.type 83563
 - description 402032

Histogram **Samples** **Lengths**

Maire, boerderij overzicht
Noordhoeve
"kasteel, alwaar de Fransen logeerden" naar 't leven geschetst door C.Fronk 1748, opgetekend door S.Fokke 1772, sepiatekening 25.6x12.4 cm in de verzameling van het Provinciaal Generaal Noord-Brabant
Aanzicht gedenksteen bij het bordes van het Gouverneurshuis
Aanzicht van het riefelokaal uit 1937 met daarachter molengebouw 1947 en lichtbrug
Abbeiding van Paleis Het Loo met omliggende tuinen
EXT. GEDENKTEKEN C. VAN HOUTEN (TOON DUPUIS, CIRCA 1928) OVERZICHT
EXT. OVERZICHT NAAR HET ZUID, OOSTEN
EXT. SEINHUIS
Epitaaf Joris van Froentuse
Het dorp, reproductie Collectie Friess Museum tekening door G.Visscher
Hoolbergen met eiken roeden op erf boerderij
Houtzaagmolen, kap met bovenas
Usskelder, detail: afvoerputje smeltwater
INT. SCHOUW LINKS TUSSEN KAMER OP BEGANE GROND
INTERIEUR, KAMER, VERDIEPING, SCHOUW
INTERIEUR, KOOR, ZUIDWEST ZUDE, GEWELFAANZET, SCHILDERING
INTERIEUR, NOORDER TRANSEPT, GLAS IN LOODRAMEN
INTERIEUR, ORGEL, BALKON, DETAIL
Interieur centrale expeditiegebouw, overzicht binnenuimte

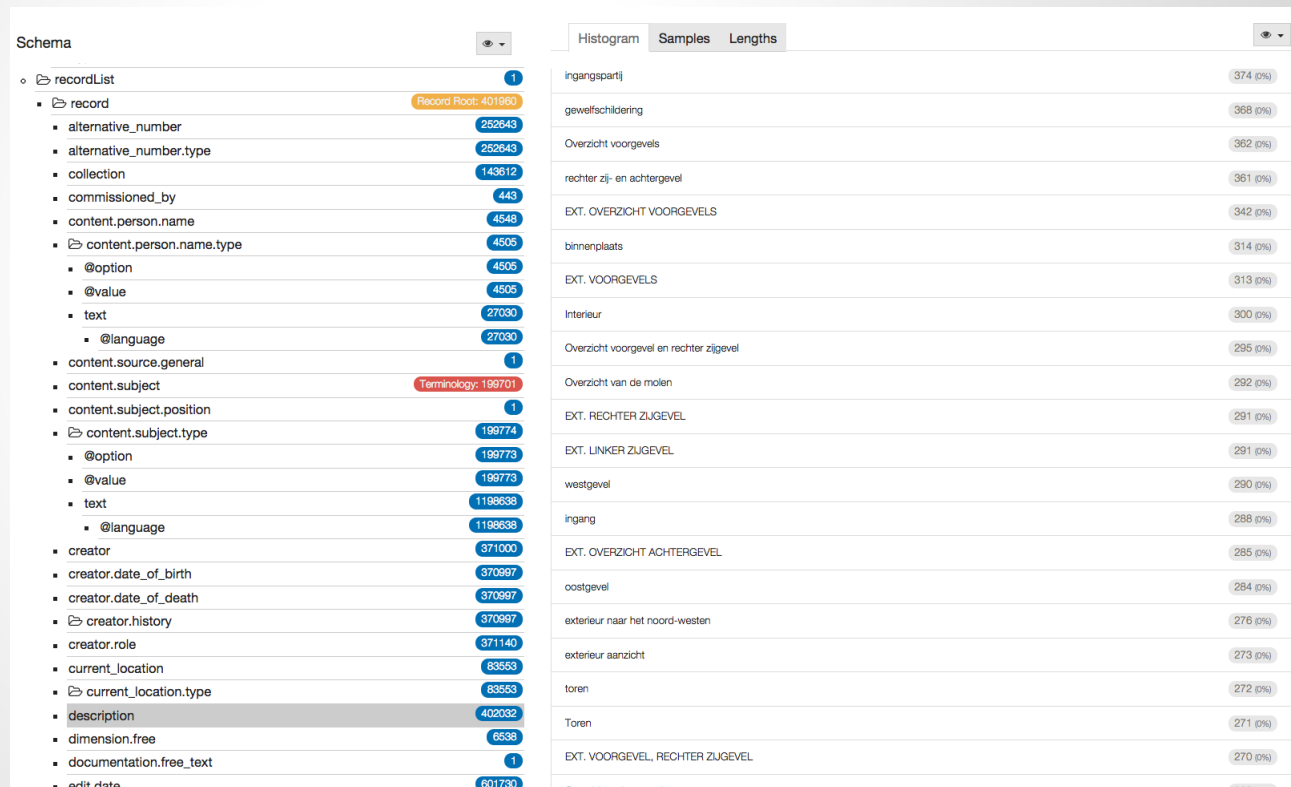
Lengths

Field length Categories



Explore More

All
Values



API View

Link Menu

rce_beedbank__adlib /adlibXML/recordList/record/description

Schema

- recordList
 - record
 - alternative_number
 - alternative_number.type 252643
 - collection 143612
 - commissioned_by 443
 - content.person.name 4548
 - content.person.name.type 4505

Tree

Paths

Tree API

JSON Tree

- used for UI

```
localhost:9000/narthex/api/secret/rce_beedlbank_adlib/tree

{
  "tag": "adlibXML",
  "path": "/adlibXML",
  "count": 1,
  "lengths": [ ],
  "kids": [ {
    "tag": "@xsi:noNamespaceSchemaLocation",
    "path": "/adlibXML/@xsi:noNamespaceSchemaLocation",
    "count": 1,
    "lengths": [ [ "31-50", "1" ] ],
    "kids": [ ]
  } ],
  "tag": "recordList",
  "path": "/adlibXML/recordList",
  "count": 1,
  "lengths": [ ],
  "kids": [ {
    "tag": "record",
    "path": "/adlibXML/recordList/record",
    "count": 401960,
    "lengths": [ ],
    "kids": [ {
      "tag": "monument.number",
      "path": "/adlibXML/recordList/record/monument.number",
      "count": 401551,
      "lengths": [ [ "3", "24" ], [ "4", "3867" ], [ "5", "25143" ], [ "6-10", "21511" ], [ "1", "1" ] ],
      "kids": [ ]
    }, {
      "tag": "current_location.type",
      "path": "/adlibXML/recordList/record/current_location.type",
      "count": 83553,
      "lengths": [ ],
      "kids": [ ]
    }, {
      "tag": "production.date.start.prec",
      "path": "/adlibXML/recordList/record/production.date.start.prec",
      "count": 648,
      "lengths": [ [ "1", "648" ] ],
      "kids": [ ]
    }, {
      "tag": "reproduction.format",
      "path": "/adlibXML/recordList/record/reproduction.format",
      "count": 406323,
      "lengths": [ ],
      "kids": [ ]
    }, {
      "tag": "creator.role",
      "path": "/adlibXML/recordList/record/creator.role",
      "count": 371140,
      "lengths": [ [ "6-10", "371115" ], [ "11-15", "24" ], [ "16-20", "1" ] ],
      "kids": [ ]
    }
  ]
}
```

Paths API

Links to all histograms

```
localhost:9000/narthex/api/secret/rce_beedlbank__adlib

[ {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/monument.number",
  "count": 401551
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/production.date.start.prec",
  "count": 648
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/creator.role",
  "count": 371140
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/input.source",
  "count": 72377
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/collection",
  "count": 143612
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/monument.record_number",
  "count": 401551
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/edit.date",
  "count": 601730
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/order_number",
  "count": 126449
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/recording_type",
  "count": 145
}, {
  "path": "http://localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/monument.house_number.addition",
  "count": 401551
}
```

Save Records

Record Root & Unique Identifier

The screenshot shows a user interface for saving records. At the top, a record titled "Monuments - Harvest Demonstration" from "RCE": harvest_monuments [car] is shown with a "Ready" status. Below it, a record titled "Historical Images" from "Institute for Historical Photography": rce_beedbank [adlib] (401960) is shown with a "Saving" status. A progress bar indicates that 54% of the record is saved. Below the progress bar, there are five buttons: "View Schema", "Edit Metadata", "View Details", "Drop a new file", and "Cancel record saving". At the bottom, a record titled "National Monuments Database" from "Rijksdienst voor het Cultureel Erfgoed": rce_monuments [car] (63930) is shown with a "Published" status.

Monuments - Harvest Demonstration" from "RCE": harvest_monuments [car] Ready

"Historical Images" from "Institute for Historical Photography": rce_beedbank [adlib] (401960) ↓ Saving

54%

View Schema Edit Metadata View Details Drop a new file Cancel record saving

"National Monuments Database" from "Rijksdienst voor het Cultureel Erfgoed": rce_monuments [car] (63930) Published

Complete Dataset

Publish/Unpublish

Raw/Enriched Records

monuments - harvest demonstration from RCE : harvest_monuments [car] Ready

"Historical Images" from "Institute for Historical Photography": rce_beeldbank [adlib] (401960) Published

[View Schema](#) [Edit Metadata](#) [View Details](#) [Un-Publish](#) [Terminology Mappings](#) [Raw Records](#) [Enriched Records](#) [Drop a new file](#) [Delete saved records](#)

"National Monuments Database" from "Dienst voor het Cultureel Erfgoed": rce_monuments [car] (63930) Published

The screenshot shows a user interface for managing datasets. At the top, there is a header for a dataset named "monuments - harvest demonstration" with a status of "Ready". Below this, a specific dataset entry is shown: "Historical Images" from "Institute for Historical Photography", identified by the ID "rce_beeldbank [adlib] (401960)" and a "Published" status. A row of action buttons is displayed below the dataset name, including "View Schema", "Edit Metadata", "View Details", "Un-Publish", "Terminology Mappings", "Raw Records", "Enriched Records", "Drop a new file", and "Delete saved records". The "Delete saved records" button is highlighted in red. Below this, another dataset entry is partially visible: "National Monuments Database" from "Dienst voor het Cultureel Erfgoed", identified by the ID "rce_monuments [car] (63930)" and a "Published" status.

Terminology Mapping

Utilized
Terms

Vocabulary
Concepts

The screenshot displays the NARTEX web interface. At the top, there is a navigation bar with the NARTEX logo, a 'Dashboard' link, and dropdown menus for 'Recent datasets' and 'Recent term mappings'. A user profile icon for 'gerald@dolving.eu' is visible on the right. Below the navigation bar, a search bar contains the URL 'rce_beedbank__adlib /adlibXML/recordList/record/content.subject'. The main content area is divided into two columns. The left column, titled 'TERMS', shows a list of terms with their counts. The 'Mapped' tab is selected, showing 39702 terms. The 'Unmapped' tab shows 76555 terms. The 'School' term is highlighted in the list. The right column, titled 'Vocabularies', shows a search for 'School' in the 'Erfgoed Thesaurus'. It displays a list of related terms with their similarity percentages and options to filter by 'preferred term', 'matched term', 'alt term', 'broader term', and 'narrower term'. The 'School' term is highlighted with a 100% similarity. Below it, other terms like 'school' (83%), 'school' (83%), and 'school' (83%) are shown with their respective similarity percentages and options to filter by 'preferred term', 'matched term', 'alt term', 'broader term', and 'narrower term'. The interface also includes a search bar for 'Erfgoed Thesaurus' and a search result for 'School'.

NARTEX Dashboard Recent datasets Recent term mappings gerald@dolving.eu

rce_beedbank__adlib /adlibXML/recordList/record/content.subject

TERMS All 116257 Mapped 39702

Unmapped 76555

Term	Count
Kerkorgel	1711
Glas-in-lood	1562
Raadhuis	1547
Gebrandschilderd glas	1546
Schildering	1531
Landhuis	1527
Kapel	1368
Schuur	1363
Kas	1304
Stadhuis	1255
Herbestemming	1217
School	1201
Korenmolen	1188
Muurschildering	1139
Museum	1094
Toren	1092

Vocabularies Concepts Records

Q Erfgoed Thesaurus School

★ preferred term matched term alt term / broader term \ narrower term

100% school

- ★ scholen / onderwijzegebouwen / jzuletsnocolleges / MULO-scholen / akademies voor bouwkunst
- \ basisscholen / bewaarscholen / christelijke scholen / daltonscholen / dorpscholen / HBS-scholen / handelscholen
- \ hoekscholen / hogescholen / huishoudscholen / islamitische scholen / janaplanscholen / jzuletscholen / katholieke scholen
- \ kostscholen / kunstacademies / LOM-scholen / lyceums / Middelbare scholen / montessorischolen / muzekscholen
- \ roodscholen / openlichtscholen / openbare scholen / parochiescholen / peuterscholen / polytechnische scholen
- \ schipperscholen / seminars / technische hogescholen / ULO-scholen / technische scholen / universiteiten / vakscholen
- \ vrije scholen

<http://www.maproject.org/data/d8b7a3cd-d0e6-4bod-a190-f615abd:95dc> "objecttypen"

83% school

- ★ scholen / molenelementen

<http://www.maproject.org/data/9ad562b2-6baab-4242-b54e-1ec6b48f7638> "objecttypen"

83% school

- ★ schoren / bouwelementen

<http://www.maproject.org/data/1ea86d2b-6e93-4a00-b94f-b2c3ca301173> "objecttypen"

83% school

- ★ stutten / bouwelementen / dekstutten

<http://www.maproject.org/data/eb207caf-0939-4793-bbe1-84b682e8f3a4> "objecttypen"

83% school

- ★ schoolen / bouwelementen

Make a Mapping

Choose a corresponding concept

The screenshot displays the Erfgoed Thesaurus interface. On the left, a 'TERMS' sidebar lists various concepts with their counts. The 'Orgel' term is highlighted in grey, indicating it is the selected concept for mapping. The main area shows a search for 'Orgel' in the 'Erfgoed Thesaurus'. Below the search bar, there are filters for 'preferred term', 'matched term', 'alt term', 'broader term', and 'narrower term'. The 'preferred term' filter is active, showing a list of related terms such as 'orgels', 'gereedschapstrusting voor communicatie', 'orgelbalustraden', 'orgelonderdelen', 'balustradeorgels', 'bioscooporgels', and 'bureauorgels'. The 'orgel' term is highlighted with a 100% match. Below this, there are more related terms like 'concertorgels', 'dansorgels', 'draaorgels', 'elektropneumatisch orgels', 'hoofdorgels', 'huisorgels', 'kabinetorgels', 'kistorgels', 'koororgels', 'mechanisch orgels', 'oksaalorgels', 'pneumatisch orgels', 'portatieven', 'positieven (instrument)', 'regalen', 'secretaireorgels', 'salonorgels', 'serinetten', 'straatorgels', 'tafelpositieven', 'transeptorgels', 'vogelorgels', 'waterorgels', and 'zwaluwnestorgels'. The URL for the 'orgel' concept is provided: <http://www.maproject.org/data/aa9cda1e-c01d-431e-9f74-51d3073b97d5> "objecttypen".

Below the 'orgel' section, the 'worgel' term is shown with a 91% match. The URL for 'worgel' is: <http://www.maproject.org/data/f79c4c64-aad2-4959-997f-826c6cce968b> "objecttypen".

At the bottom, the 'regel' term is shown with an 80% match. The URL for 'regel' is: <http://www.maproject.org/data/d0c51eed1-622c-45c19-Rc79-e263443ef6eR> "objecttypen".

TERMS	All	Mapped	Unmapped
Kerk <i>kerken</i>	116257	39702	76555
Boerderij <i>boerderijen</i>			
Kasteel <i>kastelen (bouwwerk)</i>			
Wederopbouw			
Molen <i>molens</i>			
Restauratie <i>restauraties</i>			
Klooster			
Orgel <i>orgels</i>			
Buitenplaats			
Balklaagbeschildering			
Gewelfschildering			

Browse Narrower/Broader

Terms are clickable






The screenshot shows a user interface for browsing terms. At the top, there are five buttons: '★ preferred term' (green), 'matched term' (blue), 'alt term' (light blue), '↗ broader term' (grey), and '↘ narrower term' (grey). Below this is a search bar containing '100%' and 'orgel'. A dropdown menu is open, showing a list of terms. The first item is '★ orgels' (green), followed by '↗ gereedschapuitrusting voor communicatie', '↘ orgelbalustraden', '↘ orgelonderdelen', '↘ balustradeorgels', '↘ bioscooporgels', and '↘ bureauorgels'. The next row contains '↘ concertorgels', '↘ dansorgels', '↘ draaiorgels', '↘ elektropneumatisch orgels', '↘ hoofdorgels', '↘ huisorgels', '↘ kabinetorgels', '↘ kistorgels', and '↘ koororgels'. The third row contains '↘ mechanisch orgels', '↘ oksaalorgels', '↘ pneumatisch orgels', '↘ portatieven', '↘ positieven (instrument)', '↘ regalen', '↘ secretaireorgels', '↘ salonorgels', and '↘ serinetten'. The fourth row contains '↘ straatorgels', '↘ tafelpositieven', '↘ transeptorgels', '↘ vogelorgels', '↘ waterorgels', and '↘ zwaluwnestorgels'. At the bottom, there is a URL: <http://www.maproject.org/data/aa9cda1e-c01d-431e-9f74-51d3073b97d5> *objecttypen"

View Record - Before

TERMS All 199698 Mapped 37448 Unmapped 162250

Vocabularies Concepts Records

Records containing "Orgel"

Kerk  kerken	18060
Boerderij  boerderijen	7360
Kasteel  kastelen (bouwwerk)	5492
Wederopbouw	4521
Molen  molens	3338
Restauratie  restauraties	3198
Klooster	2345
Orgel	2254
Buitenplaats	2053







```
<text language="6">θήμα</text>
</content.subject.type>
<content.subject.type option="SUBJECT" value="SUBJECT">
  <text language="0">subject</text>
  <text language="1">onderwerp</text>
  <text language="2">sujet</text>
  <text language="3">Thema</text>
  <text language="4">موضوع</text>
  <text language="6">θήμα</text>
</content.subject.type>
<content.subject>Orgel</content.subject>
<content.subject>Kerkorgel</content.subject>
<content.subject enrichmentUri="http://www.rnaproject.org,
enrichmentVocabulary="Erfgoed Thesaurus" enrichmentPrefLabel="
<monument.province>Overijssel</monument.province>
```

View Record - After

enrichmentUri - enrichmentPrefLabel

TERMS All 199698 Mapped 39702 Unmapped 159996

Vocabularies Concepts Records

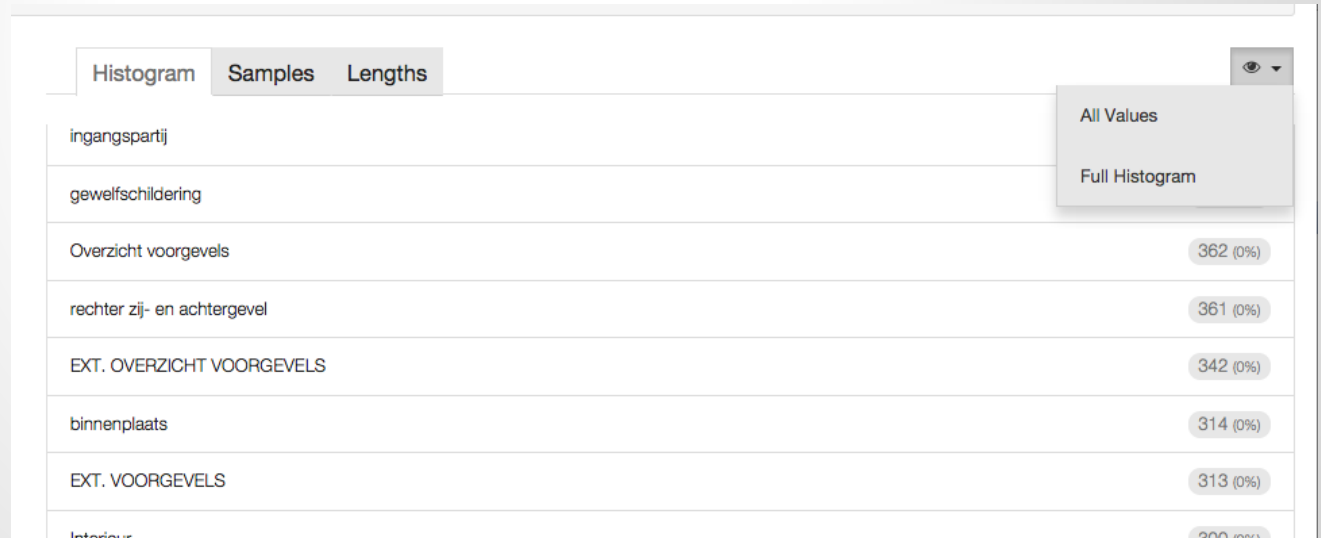
Kerk  kerken	18060
Boerderij  boerderijen	7360
Kasteel  kastelen (bouwwerk)	5492
Wederopbouw	4521
Molen  molens	3338
Restauratie  restauraties	3198
Klooster	2345
Orgel  orgels	2254
Buitenplaats	2053

Records containing "Orgel"

```
<text language="6">θέμα</text>
</content.subject.type>
<content.subject.type option="SUBJECT" value="SUBJECT">
  <text language="0">subject</text>
  <text language="1">onderwerp</text>
  <text language="2">sujet</text>
  <text language="3">Thema</text>
  <text language="4">موضوع</text>
  <text language="6">θέμα</text>
</content.subject.type>
<content.subject enrichmentUri="http://www.rnaproject.org/data/aa9cdale-c01d-431e-9f74-51d3073b97d5"
enrichmentVocabulary="Erfgoed Thesaurus" enrichmentPrefLabel="orgels">Orgel</content.subject>
<content.subject>Kerkorgel</content.subject>
<content.subject enrichmentUri="http://www.rnaproject.org/data/c15af234-87b0-433c-bbe1-880a6f717057"
enrichmentVocabulary="Erfgoed Thesaurus" enrichmentPrefLabel="kerken">Kerk</content.subject>
```

API View

Link Menu: All Values or Histogram



The screenshot shows a web interface with a table and a link menu. The table has three tabs: 'Histogram', 'Samples', and 'Lengths'. The 'Histogram' tab is active. The table lists several categories with their corresponding counts and percentages. A link menu is open over the table, showing 'All Values' and 'Full Histogram' options.

ingangspartij	
gewelfschildering	
Overzicht voorgevels	362 (0%)
rechter zij- en achtergevel	361 (0%)
EXT. OVERZICHT VOORGEVELS	342 (0%)
binnenplaats	314 (0%)
EXT. VOORGEVELS	313 (0%)
Interieur	300 (0%)

All Values

Revealing all Content

text/plain

```
localhost:9000/narthex/api/secret/rce_beedbank__adlib/unique/adlibXML/recordList/record/description
- hoek Herengracht
- hoek Kerkstr.
- hoek Turfmarkt
- naar het noord-westen
- naar het oosten
- naar het zuid-oosten
- oostwand vanuit het noorden
- tussen N.H.Kerk en Dorpsstr.
- vanuit het zuid-oosten
-, hoek burgemeester Wesselingsplein
-Bergstraat tussenbebouwing
-Bokkingshang, tussenbebouwing naar het oosten
-Levendaal, overzicht
-Pakhuis De Oliefant, detail poortboog (1860)
-Ph.Gastelaarstr., overzicht
-Roggestraat, tussenbebouwing
-Roggestraat, tussenbebouwing naar het noorden
-Roggestraat, tussenbebouwing van af Bergkerk
-Roggestraat, tussenbebouwing van af Bergkerkplein
-en Turfmarkt, overzicht na sanering
-hoek
...weg nr 27, Hofstede naast de molen (1867)
...weg. nr. 20, Bakkeet
.zijgevel
/ CalvariebergOverzicht van de bovenzijde van de Kruisberg
0 gevel
0.Olie-akker", aanzicht
Overzicht van de boerderij met de omgeving
1
1 en 1A
1 en 2
1 en 2, linker zijgevel
1 en 2, voor- en linker zijgevel
1 en 2, voorgevel
1 en 3, achtergevels van uit Jodenstraat naast gevel Dinghuis vakwerkgevel met overbuiging
1 en hoger, straatoverzicht
...
```

Full Histogram

Counts

Values

text/plain

```
localhost:9000/narthex/api/secret/rce_beedlbank__adlib/histogram/adlibXML/recordList/record/description
14192 voorgevel
10440 overzicht
6677 voorgevels
6541 aanzicht
3821 EXT. OVERZICHT
3734 exterieur
3265 achtergevel
2487 gevel
2368 interieur
2288 gevels
2233 Overzicht
1699 EXT. VOORGEVEL
1609 interieur naar het oosten
1406 voor- en zijgevel
1389 interieur naar het westen
1342 zijgevel
1245 Overzicht voorgevel
1230 voor- en rechter zijgevel
1150 voor- en linker zijgevel
1080 linker zijgevel
1071 rechter zijgevel
945 schuur
780 EXT. OVERZICHT VOORGEVEL
761 achterzijde
723 preekstoel
646 Voorgevel
581 vooraanzicht
470 achtergevels
460 linker zij- en achtergevel
457 zuidgevel
454 Overzicht van de voorgevel
445 EXT. ACHTERGEVEL
421 voorzijde
407 noordgevel
399 orgel
376 details
374 ingangspartij
368 gewelfschildering
362 Overzicht voorgevels
361 rechter zij- en achtergevel
```

Terminology Mapping API

XML

source

target

label

adopt?

```
localhost:9000/narthex/api/secret/rce_beedlbank__adlib/mappings

This XML file does not appear to have any style information associated with it. The document tree is shown below.

▼ < mappings >
  ▼ < mapping >
    ▼ < source >
      dimcon/rce_beedlbank__adlib/record/content.subject/Boerderij
    </ source >
    ▼ < target >
      http://www.rnaproject.org/data/24681d2a-2f2d-40fe-8257-25a35525ae92
    </ target >
    < prefLabel >boerderijen</ prefLabel >
    < vocabulary >Erfgoed Thesaurus</ vocabulary >
  </ mapping >
  ▼ < mapping >
    ▼ < source >
      dimcon/rce_beedlbank__adlib/record/content.subject/Kasteel
    </ source >
    ▼ < target >
      http://www.rnaproject.org/data/1130e375-3469-4e63-a8d4-5fcb339f7536
    </ target >
    < prefLabel >kastelen (bouwwerk)</ prefLabel >
    < vocabulary >Erfgoed Thesaurus</ vocabulary >
  </ mapping >
  ▼ < mapping >
    ▼ < source >
      dimcon/rce_beedlbank__adlib/record/content.subject/Molen
    </ source >
    ▼ < target >
      http://www.rnaproject.org/data/0198a25a-3469-469e-8103-a613e32fcdc6
    </ target >
```

OAI-PMH - Raw/Enriched Records

Links to both

The screenshot shows a user interface for OAI-PMH records. The top record is titled "Historical Photography": rce_beedbank [adlib] (401960) and is marked as "Published". Below the title is a row of buttons: "Details", "Un-Publish", "Terminology Mappings", "Raw Records", "Enriched Records", and "Drop a new file". The bottom record is titled "Rijksdienst voor het Cultureel Erfgoed": rce_monuments [carl] (63930) and is also marked as "Published".

Enriched Record Output

```
<text language="1">onderwerp</text>
<text language="2"> sujet</text>
<text language="3"> Thema</text>
<text language="4"> <math>\text{موضوع}</math></text>
<text language="6"> θέμα</text>
</content.subject.type>
<content.subject>Borg</content.subject>
<content.subject enrichmentUri="http://www.rnaproject.org/data/24681d2a-2f2d-40fe-8257-25a35525ae92" enrichmentVocabulary="Erfgoed Thesaurus"
enrichmentPrefLabel="boerderijen">Boerderij</content.subject>
<content.subject>Oprijlaan</content.subject>
<monument.province>Groningen</monument.province>
<monument.place>Westerbroek</monument.place>
<monument.number>22275</monument.number>
<monument.county/>
<monument.country>Nederland</monument.country>
<monument.house_number>63</monument.house_number>
<monument.street>Rijksweg West</monument.street>
<monument.house_number.addition/>
<monument.complex_number/>
<monument.number.x_coordinates/>
<monument.number.y_coordinates/>
<monument.geographical_keyword/>
<monument.complex_number.x_coordinates/>
<monument.complex_number.y_coordinates/>
<creator.date_of_birth/>
<creator.date_of_death/>
<input.name>jeroen</input.name>
<creator.history/>
▼ <record_type option="OBJECT" value="OBJECT">
  <text language="0">single object</text>
  <text language="2">objet individuel</text>
  <text language="3">Einzelnes Objekt</text>
</record_type>
<input.time>10:46:08</input.time>
<input.source>collect>photograph</input.source>
</record>
</metadata>
</record>
```

Future

- Incremental Data Management
- GIT version control integration - full history
- Term Categorization - Venn Diagrams
- Connection with Engagement layer
- Field Syntax Normalization
- X3ML Transformation to CIDOC-CRM RDF
- etc...