Introducing EAD3 - DARIAH workshop
Brussels 14 May 2018

Archives Portal Europe Foundation
Introducing EAD3 in Archives Portal Europe
DARIAH workshop - Brussels 14 May 2018

Welcome to the Archives Portal Europe

The Archives Portal Europe provides access to information on archival material from different European countries as well as information on archival institutions throughout the continent.

https://www.archivesportaleurope.net 267,480,175 descriptive units

The Treaty of Brest-Litovsk- 3 March 1918

Archives Portal Europe Foundation
The problem and the solution:

Archival material is often described in Finding Aids in a few general sentences, although the documents themselves contain a lot of detailed information, for example on events, persons, places, subjects, etc.

For some archives this detailed information is available in archival institutions, but in a variety of formats from handwritten lists, indexes, card systems, word processor or spreadsheet documents, databases, etc., either made when the material was created or later on by archivists and/or volunteers.

The Archives Portal Europe team has developed a concept to publish these so called **Additional Finding Aids** in combination with their main Finding Aids and suggests the use of the latest version of the EAD standard, **EAD3**, as a metadata format for them.
What is the concept? 1/2

In case you have a Finding Aid, for which you have a lot of additional information, you can of course put that information in the Finding Aid itself ...

... but that might lead to huge Finding Aids which are hard to handle in editing tools and can only be comfortably published in online platforms with a lot of server power ...
What is the concept? 2/2

... so let’s put huge amounts of additional information for a descriptive unit of a Finding Aid in another, secondary or additional, Finding Aid and link to that from within the main Finding Aid ...

... as identifier for that Additional Finding Aid we can use a concatenation of the identifier of the main Finding Aid plus the identifier of the descriptive unit the Additional Finding Aid belongs to ...
What are the benefits?

• Via using a suitable metadata format for additional finding aid information, this kind of information can easily be aggregated towards and published by portals, which gives end-users one online access point to it.

• The detailed information of Additional Finding Aids will be available to end-users at the same level as the general information in the (main) Finding Aids, so end-users don’t have to search in different types of information in different sections of websites and portals, so no more separate silos.

• Via the use of Additional Finding Aids end-users can be pointed precisely to the scans of archival material they are interested in, which is especially useful in case the general description leads to hundreds of scans, so doing research will become more efficient.
**Finding Aids aggregated to APE**

Database with Indexes (= Additional Finding Aids) not aggregated to APE and only accessible via this website
Zoeken

Archieven
Bekijk alle 53 resultaten

<table>
<thead>
<tr>
<th>Titel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invantaris van het archief van Vrouwenconvent Adamanshuis (1397-1618) [Cartularium,</td>
</tr>
<tr>
<td>bevattende notariaal gewaarmerkte afschriften van privilege uit de periode 1397-1500]</td>
</tr>
<tr>
<td>Invantaris van het Oud-rechterlijk archief Zutphen (1389-1811) [Notariaal testament van</td>
</tr>
<tr>
<td>Albert van Stielen, raadsman van Zutphen (concept)]</td>
</tr>
<tr>
<td>Invantaris van het archief van de Sint Anthony Groote Broederschap in de Sint</td>
</tr>
<tr>
<td>Walburgiskerk (1451-1434) [Lijst van &quot;resistant&quot;, overgeleverd door de weduwe van de</td>
</tr>
<tr>
<td>rentmeester Pieter Schoelwijck (notariaal afchrift)]</td>
</tr>
<tr>
<td>Invantaris van het archief van het Oude en Nieuwe Gasthuis van Zutphen (1380-1841)</td>
</tr>
<tr>
<td>[Notariaal afchrift van het testament van Dirck Lieffring, soldaat in de compagnie van de</td>
</tr>
<tr>
<td>kapitein Van der Hoeve, d.d.1692]</td>
</tr>
<tr>
<td>Archivalia van de Familiy Eggink (1711-1990) [Notariaal afchrift van een akte waarbij</td>
</tr>
<tr>
<td>Johanna Berendina Wansink, weduwe van Johan Eggink, het recht van opstal geeft aan de</td>
</tr>
<tr>
<td>Stichting Muziekcentrum Laren]</td>
</tr>
</tbody>
</table>

Website
Bekijk alle 2 resultaten

<table>
<thead>
<tr>
<th>Titel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nieuw-rechterlijke archieven</td>
</tr>
<tr>
<td>Oud-rechterlijke archieven</td>
</tr>
</tbody>
</table>

Bouwvergunningen
Geen resultaten gevonden

Personen
Bekijk alle 221823 resultaten

<table>
<thead>
<tr>
<th>Voornaam</th>
<th>Tussenvoegsel</th>
<th>Achternaam</th>
<th>Datum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teunis</td>
<td></td>
<td>Hietkamp</td>
<td></td>
</tr>
<tr>
<td>Fennaken</td>
<td></td>
<td>Stegeman</td>
<td></td>
</tr>
<tr>
<td>Klaas</td>
<td></td>
<td>Swart</td>
<td></td>
</tr>
<tr>
<td>Hendrik</td>
<td></td>
<td>Beumer</td>
<td></td>
</tr>
</tbody>
</table>

Database with info on persons described in notary records not aggregated to APE and only accessible via this website
main VOC Finding Aid in APE, descriptions of reports with as ‘title’ only a time period ...

... and a total of 1458 scans (pages) attached

but fortunately it has an Additional Finding Aid
Additional Finding Aid in APE for description no. 7798 of the VOC Finding Aid, showing detailed descriptions of all reports from 9 Jan. 1719 to 10 Aug. 1719, highlighting here the 2nd report...

...pointing to the right scans (pages) only 6 out of the 1458
a search on a name of the report shows that results from Finding Aids and Additional Finding Aids are available together, no matter from what institution they come from:
... and this particular search result would not have been found without the Additional Finding Aid ...

Briefje van den sergeant majoor en krijgsoverste Melchior Ernst Paijsen en raad tot Sourabaija, aan den commandeur Joan Fredrik Gobius en raad tot Samarang, geschreven in dato 12 December 1718 (ontvangst den 23 Januarij 1719 per een corporaal en 2 soldaten).

1718

Scope and content

- Plaatsnaam: Batavia, Krijgsoverste Puijlen en raad tot Sourabaija, aan den commandeur Joan Fredrik Gobius en raad tot Samarang, geschreven in dato 12 December 1718 (ontvangst den 23 Januarij 1719 per een corporaal en 2 soldaten).
- Gebiedsnaam: Java's (Noord-)Oostkust
- Rubriek: Generaal bovenl. rapporten en instructies
- Soort archiefstukken: Correspondentie tijdens missies en (militaire) expedities

Digital objects

- NL-HaNA_1.04.02.7798_73
- NL-HaNA_1.04.02.7798_74
- NL-HaNA_1.04.02.7798_75

and – bonus – this information can become automatically available as Open Data via our API
Why EAD and why EAD3?

- We didn’t want to introduce another metadata format, nor use a limited national format, like the Dutch A2A, so we were looking for a suitable format with which we (archivists / software suppliers) are already familiar with.

- We are talking about Finding Aid information, so why not use the metadata format for that: EAD/XML, after all: some archivists already put small chunks of additional finding aid information as an index in the Finding Aids.

- Within the latest version of EAD, EAD3, you can tag information on events, persons, places, subjects, etc. in much more detail compared to EAD2002 and certainly compared to apeEAD, which is a subset of EAD2002.

- We had to start on the EAD3 implementation at some point in time anyway 😊
apeEAD/XML code for the VOC Additional Finding Aid example record

everything from the csv file copied to a table within <scopecontent/> with as only search possibility: full text search
Introducing EAD3 in Archives Portal Europe
DARIAH workshop - Brussels 14 May 2018

EAD3/XML code for the same VOC
Additional Finding Aid example record
everything tagged in more detail,
which opens possibilities for more
detailed advanced search
Introducing EAD3 in Archives Portal Europe
DARIAH workshop - Brussels 14 May 2018

EAD3/XML code 2/2

<geogname/> identifiers and coordinates not filled yet
this is just to give you an idea of the possibilities
What is the EAD3 implementation status?

- We have published an implementation guideline: [http://wiki.archivesportaleurope.net/index.php/EAD3_implementation_guideline](http://wiki.archivesportaleurope.net/index.php/EAD3_implementation_guideline) plus a convention for the use of @localtype: [http://wiki.archivesportaleurope.net/index.php/EAD3_apetypes](http://wiki.archivesportaleurope.net/index.php/EAD3_apetypes)

- We have the following functionalities ready for release:
  - ingesting and processing EAD3 (Additional) Finding Aids in the Dashboard
  - automatic extraction of information on persons from EAD3 to apeEAC-CPF

- We are working on the display of EAD3 (Additional) Finding Aids in the Portal

- We are using #OpenData Dutch A2A notary records datasets as sample files, which we converted to EAD3 via a Python script
current situation in Archives Portal Europe regarding descriptions of notary records from Regionaal Archief Zutphen:

4 main Finding Aids, generating a total of 1,114 general descriptions, like: “records from this notary over this period” ... let’s take a look ...
the display of one of those Finding Aids shows that the only available information is:
- notary H.W. Rasch (1811-1812), record numbers 1 - 68
- idem, record numbers 69 – 124
- etc.

but we know the archival institution has a database describing the persons in those records and this information is available as Open Data, so we can use it to create an Additional Finding Aid and link to that over here ...
converting the database export to EAD3 provides a total of 592 Additional Finding Aids for the 4 main Finding Aids, containing a total of 115,721 more detailed descriptions of the individual notary records, including names of persons...
... this is the display of one of those Additional Finding Aids: it shows the name of the notary and the descriptions of the individual notary records he created ...
... clicking on an individual notary record in the left navigation pane, shows in the right part of the screen all available details: the date of the notary transaction and the names of the persons involved ...

... there is also a link “view in original presentation”, which links a user back to the website of the archival institution, to the display of the database information ...
this is the display of the notary record information on the website of the institution

in case scans are available we can give access to those too of course
Introducing EAD3 in Archives Portal Europe
DARIAH workshop - Brussels 14 May 2018

This is the EAD3/XML code for that notary record.
via automatic extraction of information on persons from the EAD3 Additional Finding Aids, we were able to generate 220,877 apeEAC-CPF records, which can be searched for via the tab “Search in names” in our portal …
as identifiers for the apeEAC-CPF records we use a concatenation of the number of the Additional Finding Aid, plus the number of the description, plus a number counting the persons described in it …

… over here the list of persons of the Additional Finding Aid we saw before starts with the name “Jan Starink”, the first person in the first description of the Additional Finding Aid NL-ZuRAZ-3018_1, so his identifier is: NL-ZuRAZ-3018_1-1_1
we can search for him in the Portal and then we get 55 search results in the “Search in names” tab, including of course the search result we saw before …
this is our current display for search results on persons (apeEAC-CPF records), with all information on the person, if available ...
What is the short / long term strategy?

**Goal:** use EAD3 to provide more detailed/meaningful information to end-users

**Strategy:**

- **for now:** provide as much Additional Finding Aids in EAD3 as possible, based on scripting existing additional finding aids formats (XML database exports, csv, Excel, A2A files, etc.) towards EAD3 in order to show the benefits of our concept

- **in the long run:** persuade software suppliers of collection management systems to produce (additional) finding aid information in EAD3 format as a default export option and persuade archival institutions to use that

+ work on EAC-CPF display (linking/clustering/deduplication → **SNAC**)
Thank you for your attention questions?

wim.van.dongen@archivesportaleuropefoundation.eu

watch the video on our Additional Finding Aid concept:

more information on Archives Portal Europe:
http://www.archivesportaleuropefoundation.eu
http://wiki.archivesportaleurope.net