

ABC: Amsterdam Blended Collections

The Local Amsterdam Cultural Heritage Linked Open Data Network

Lukas Koster Library of the University of Amsterdam

ELAG 2018 Prague

Linking libraries to the real world a tragicomedy in two acts

Ad Aerts sArte.nl Foundation http://sarte.nl/ @adaerts

Lukas Koster
Library Systems Coordinator
Library of the University of Amsterdam
http://www.uba.uva.nl
@hukask

ELAG2011 - Prague - May 25, 2011





ABC

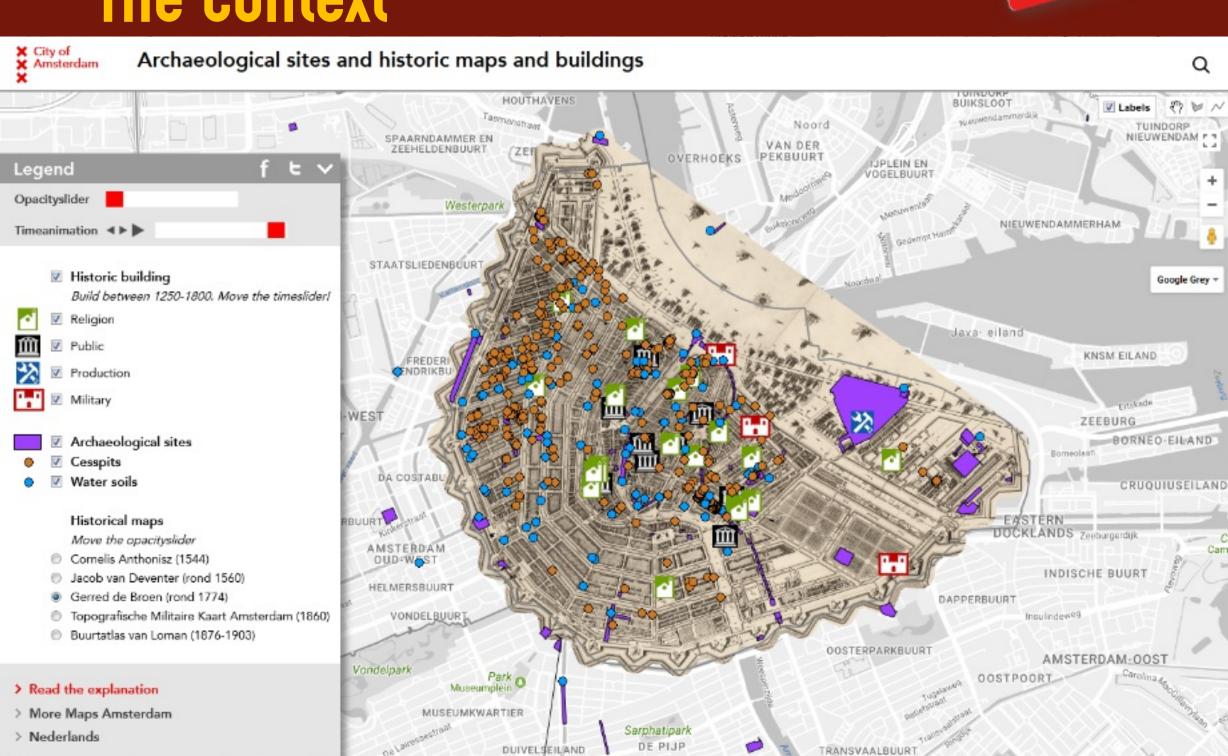


- **=** The Context
- **=** The Project
- **Experiences**
- **Takeaways**





The Context



AMSTERDAM OUD-ZUID



Project Goal

Create a linked open data infrastructure

for AdamNet member institutions collections

on the topic of "Amsterdam"

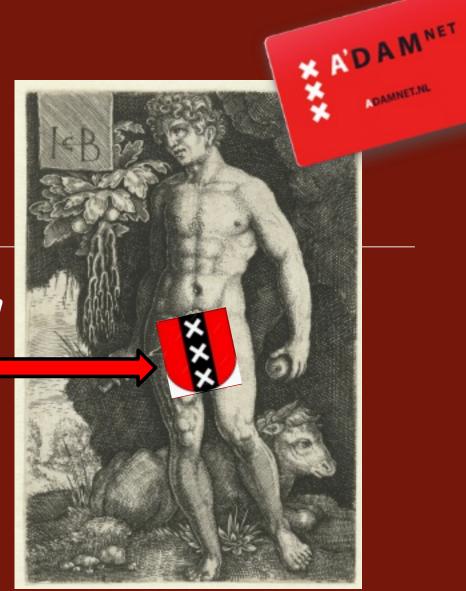
AdamNet Foundation

= "Adam" = short for "AmsterDAM"

E Amsterdam coat of arms

≡ http://www.adamnet.nl/

- Originally collaboration of Amsterdam based libraries
- Mutual lending/common library card
- Shared group catalogue: http://adamnet.worldcat.org



AdamNet 33 member institutions



- **Public libraries**
- Higher Education libraries
- Museum libraries
- Archive libraries
- Documentation centers
- Special libraries





denieuwebibliotheek

X Gemeente X Amsterdam

X Stadsarchief

























Nederlands

Uitvaart Museum

tot zover



























Gradual broadening of focus



Cultural heritage connections

Pica Foundation Grant 2017



- **=** Funding needed for
 - Project management
 - **External** project staff
 - Infrastructure
 - **≡** Website
 - **Showcase applications**

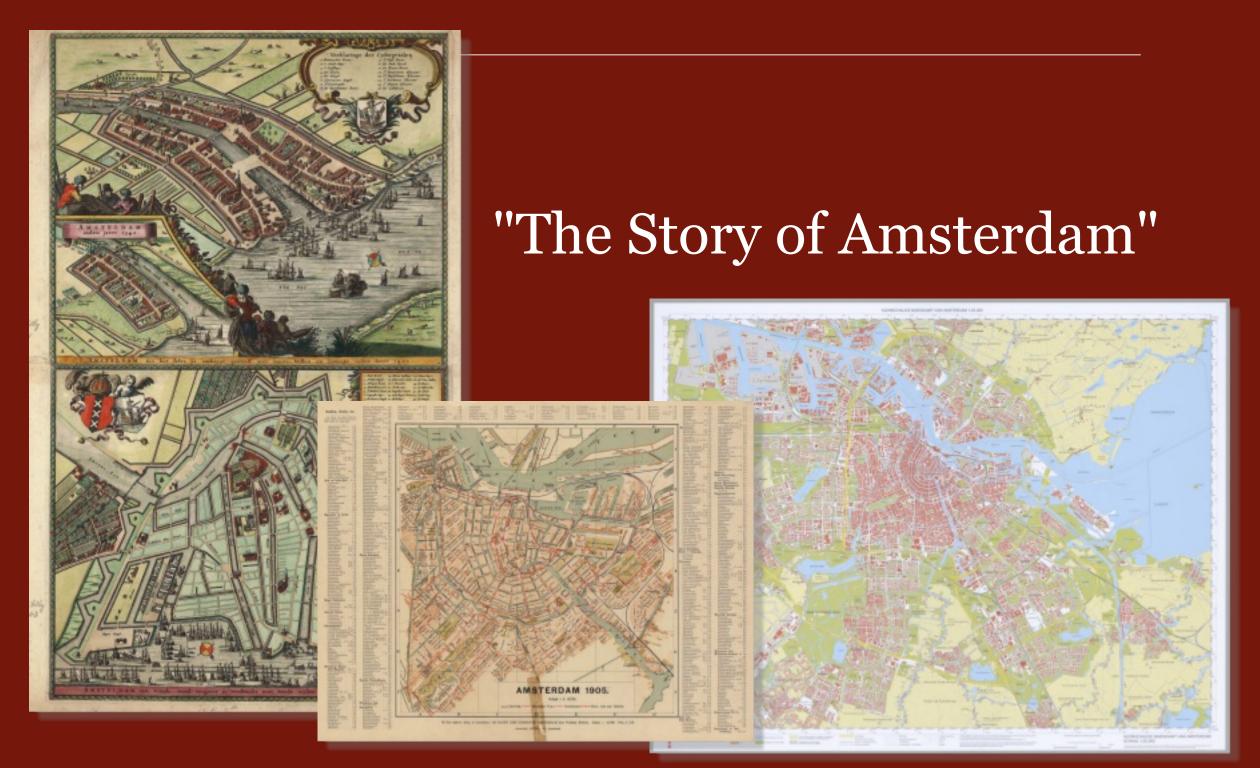


- Frant for one year September 2017 August 2018
- **≡** Without grant, no project!





The Project



Project Goal



Create a linked open data infrastructure

for AdamNet member institutions collections

on the topic of "Amsterdam"

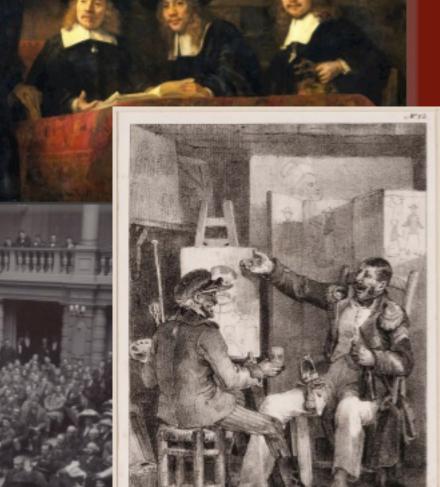




Target audiences

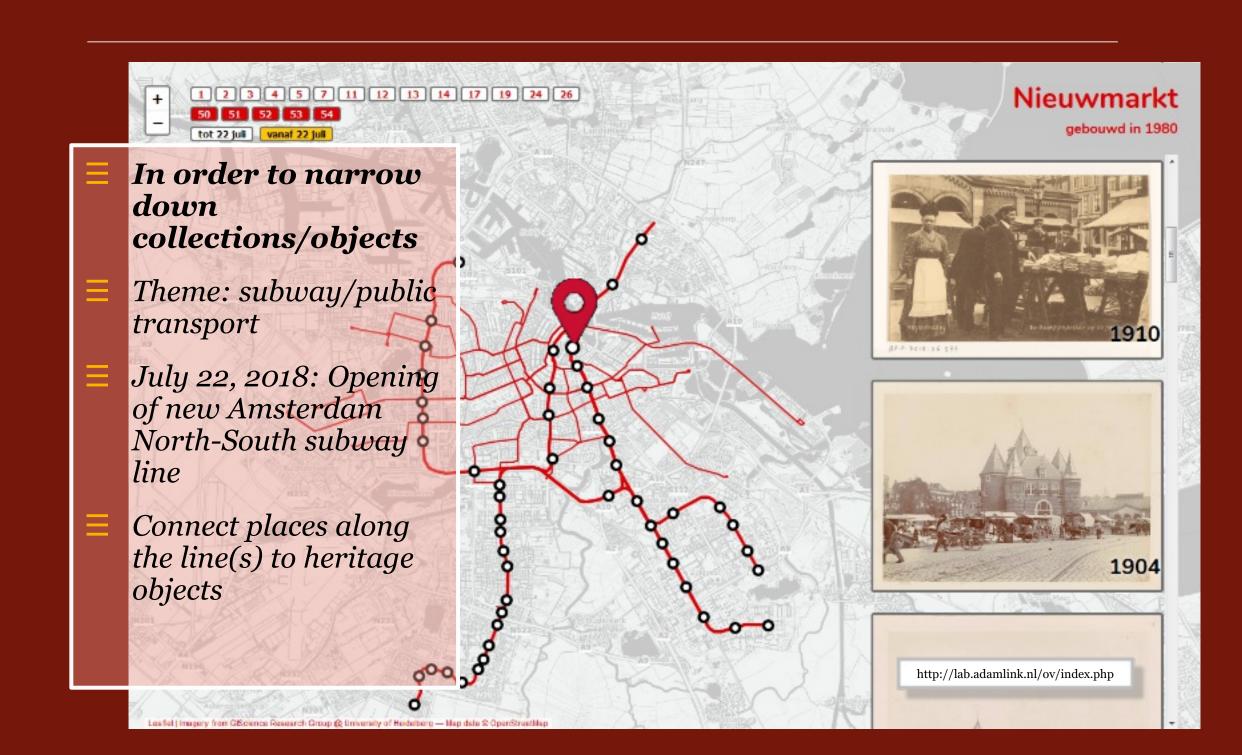
- **=** Researchers
- **Education**
- **≡** General public
- **≡** Creative industry







Theme: Amsterdam Subway



Initial Collections









■ Amsterdam Museum

≡ *Image database*

Amsterdam City Archive

≡ Image database ⊓

Photographs,
paintings,
drawings,
posters, maps,
etc.



≡ International Institute of Social History

≡ *Image database*

≡ Interviews

Texts



University of Amsterdam

■ *Digitised maps*



Amsterdam Public Library

≡ Books on topic "Amsterdam"

Catalogue records



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Dese regulablem stijn mepterpassit ducy to Asstronomo Par

een tela raputetta taarii.

tergeneratur van Sali, en Soots, kommunente van de Reben stijn

To the contribution of con-

f: Not rendeljoen van de mijlegelikde uit Amsterdam

5. Onfergracing was in prantformereds pullities.

STATES VIJ a de defendagement oute demonstratie unar les fluis mon bewering en donn sen beroop op de destroismen Drenistag en alle besteut de definitionier en geomptalemente givenhabitelieri de gelant.

Blacky

START START

RETURNS BOTH AN EXPENDANCE AND RESIDENCE OF SAME MAY OFFICE HET AND RESIDENCE THOO SERVICE LINE HAS MOUTHD FOR OR OTHER LAND AND ADDRESS OF THE SAME THOUGHT FOR OR OTHER LAND AND ADDRESS OF THE SAME THOUGHT FOR OR OTHER LAND AND ADDRESS OF THE SAME THOUGHT FOR THE SAME AND ADDRESS OF THE SAME ADDRESS OF THE SAME THOUGHT FOR THE SAME AND ADDRESS OF THE SAME ADDRESS OF THE SAME THOUGHT FOR THE SAME AND ADDRESS OF THE SAME AD

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PROVOCEER!

Project team



≡ Amsterdam Museum

≡ *Judith van Gent*



Amsterdam City Archive

≡ Nelleke van Zeeland



■ International Institute of Social History

≡ Eric de Ruijter



■ University of Amsterdam

= Lukas Koster



Public Library Amsterdam

≡ Mark Vos



External digital heritage professionals

Ivo Zandhuis (project manager)

≡ Petra Dreiskämper

≡ Menno den Engelse

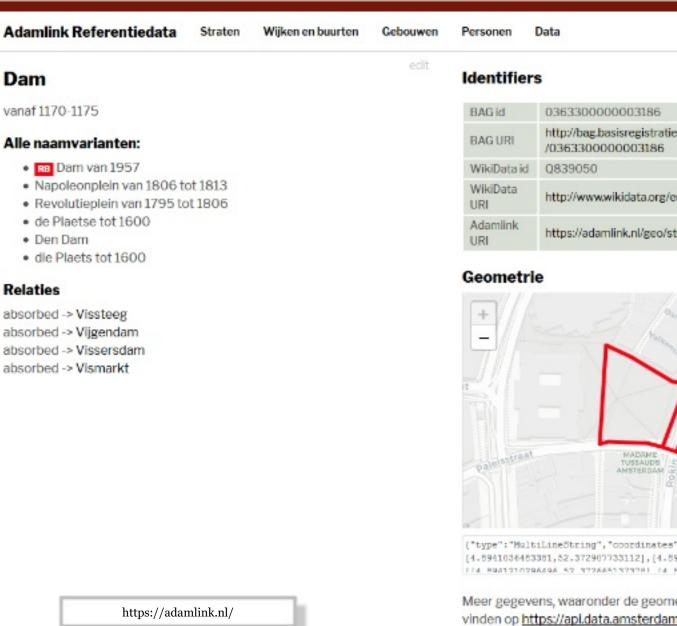






_	~· ·
	Streets
_	טווככוט

- Buildings
- Neighbourhoods
- Existing
- Dissappeared
- Name variations
 - Historical
- Absorbed
- AbsorbedBy
- Part of/has Part
- sameAs



BAG id	0363300000003186
BAG URI	http://bag.basisregistraties.overheid.nl/bag/id/openbare-ruimte /0363300000003186
WikiDataid	Q839050
WikiData URI	http://www.wikidata.org/entity/Q839050
Adamlink URI	https://adamlink.nl/geo/street/dam/880







- **Triple Store**
- **≡** Import Turtle
- **=** Browser
- **Tables**
- **≡** Sparql Endpoints
- **≡** API
- Management
- **≡** Hosted









Login

https://data.adamlink.nl/



all

by AdamNet

9.581.817 statements

In deze dataset is alle data samengevoegd die tot nu toe door AdamNet is verzameld in het kader van het project Het Verhaal van Amsterdam. Het gaat daarbij op dit moment over de beeldbank van het Stadsarchief, de collectie van het Amsterdam Museum en verbindende data over Amsterdamse straten en personen (denk aan ecartico).



Rembrandt Harmensz, van Rijn

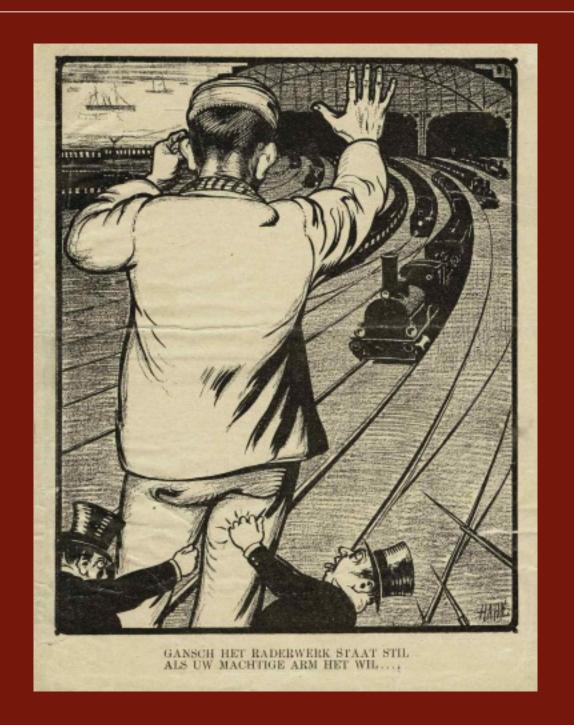






Experiences

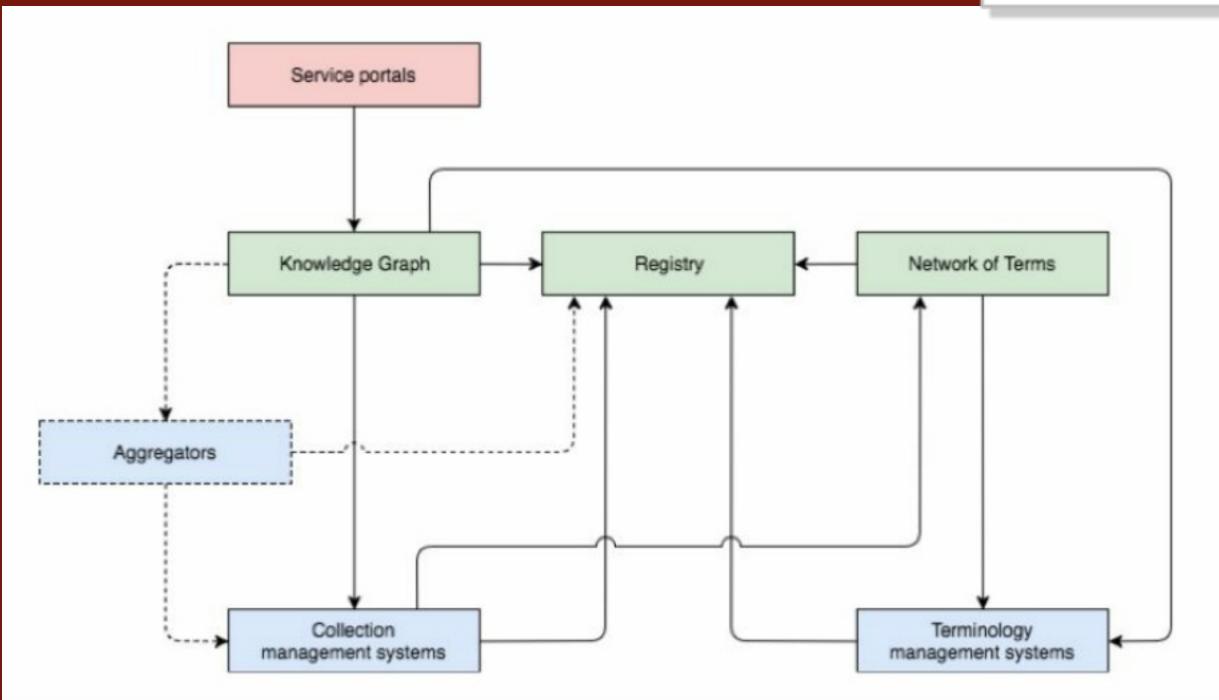
- **≡** Central Platform
- **≡** Local Workflows
- **≡** Apps
- **≡** Data improvement





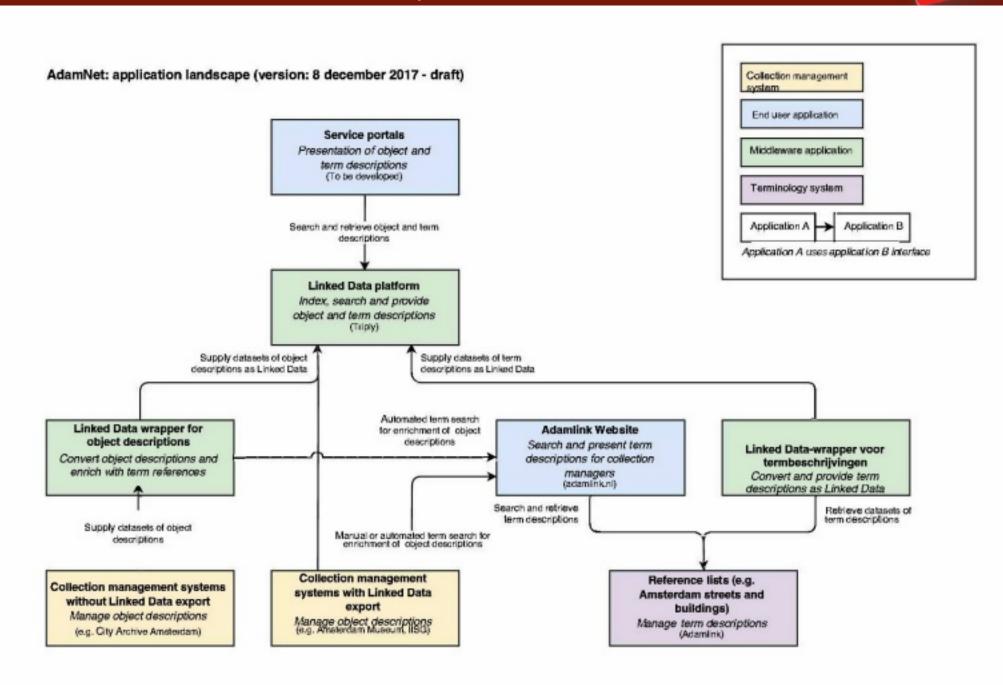
Dutch National Program- Network Digital Heritage

http://www.netwerkdigitaalerfgoed.nl/en



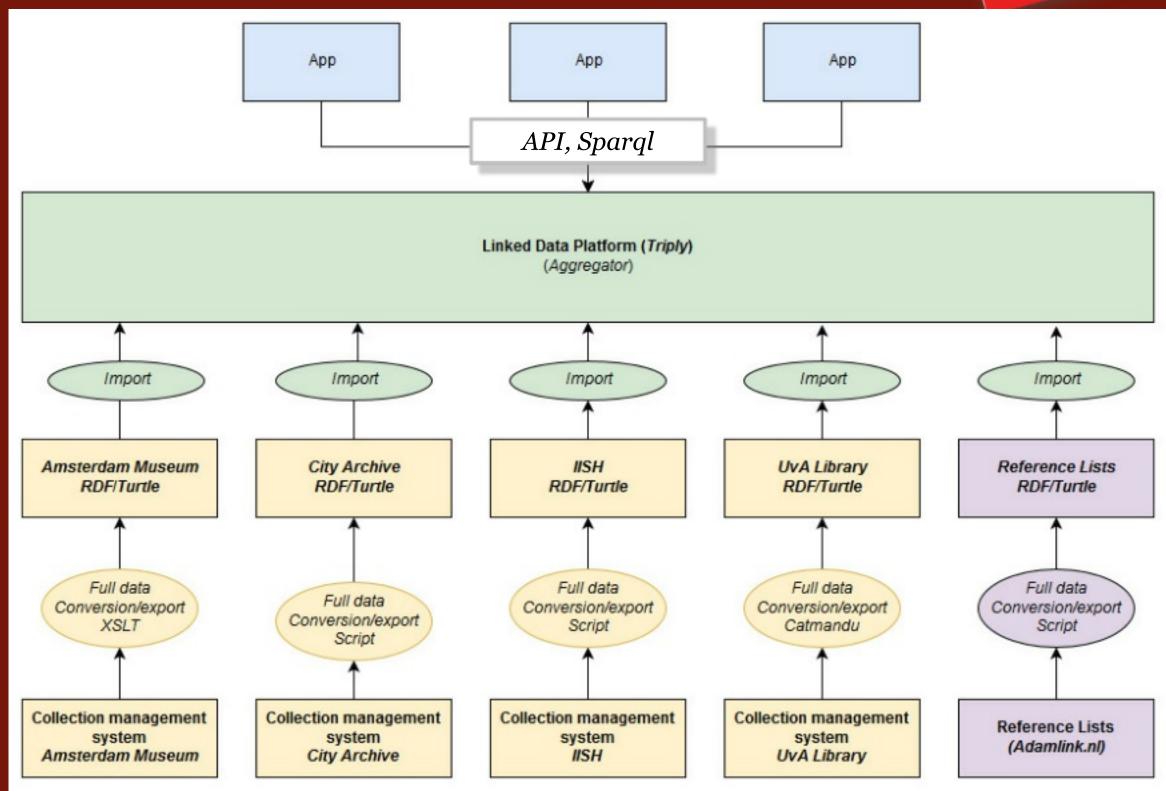


Central Platform: Theory





Central Platform: Intermediate situation

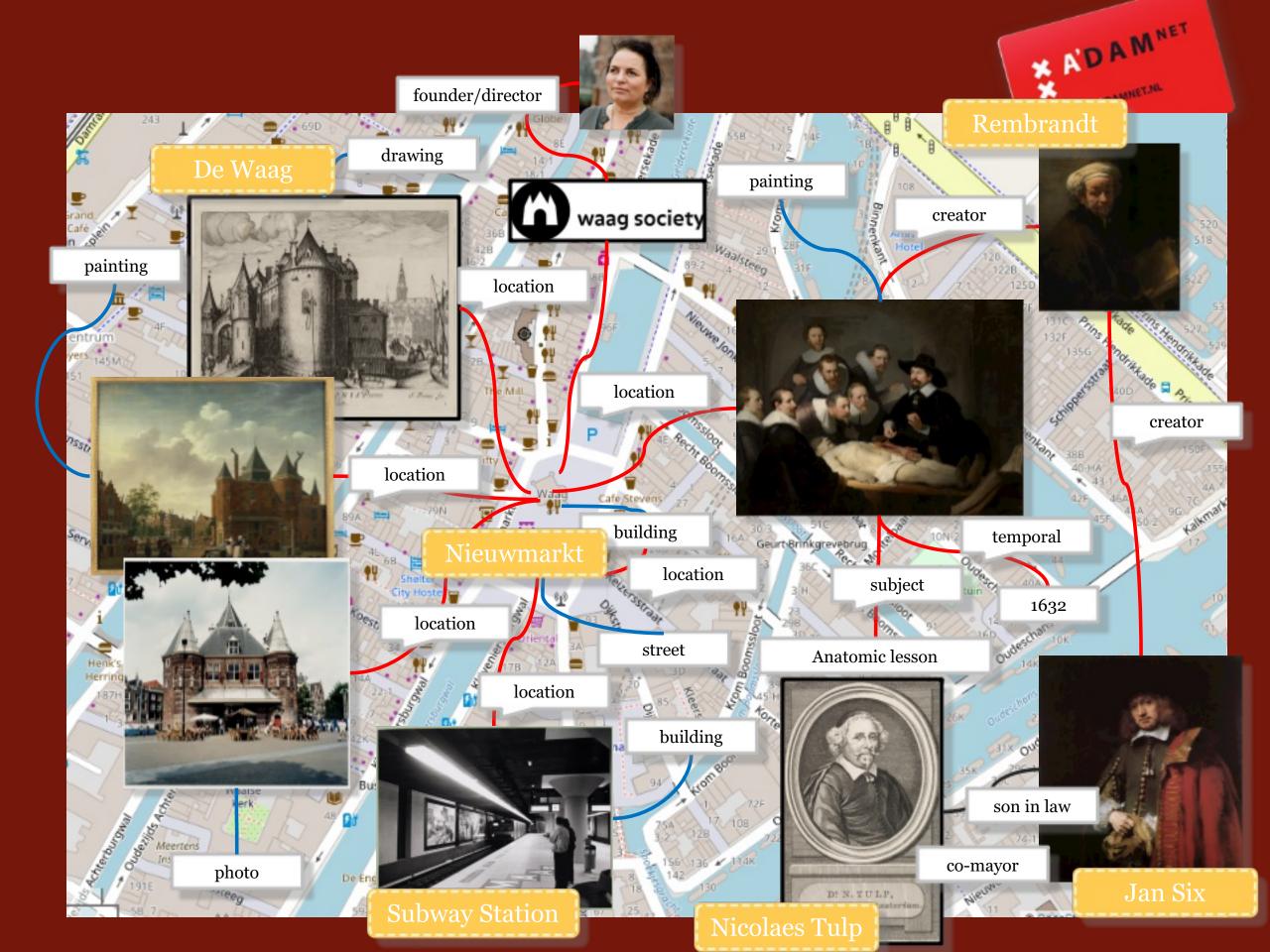






- **E** Locations
 - **Streets**
 - **≡** Buildings
- **E** Creators/contributors
 - = people
 - = organisations
- **Types**
- **Subjects**
 - including
 - \equiv people
 - = organisations

≡ In the form of URIs



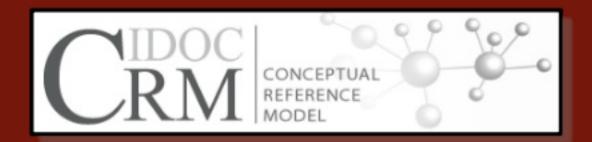




- **≡** Europeana Data Model?
 - = Targeted at data aggregation/consolidation
 - Focused on internal Europeana workflow
 - **≡** Mainly DC properties
 - **EDM** properties: internal procedures
- **Dublin Core?**
 - Not rich enough
- **E** CIDOC-CRM?
 - Not simple enough









Alignment: One Model to Rule Them All?



Alignment: Common properties



= rdf:type

- **②**
- foaf:depiction
- rdfs:label
- dc:creator
 - de:contributor
- = dc:type
- = dc:subject
- **=** dct:spatial
- ≡ dct:temporal
- **≡** dc:date
- ≡ sem:hasBeginTimeStamp
- ≡ sem:hasEndTimeStamp







- **≡** Type
 - **≡** AAT
- **=** People
 - ▼ VIAF
 - **≡** WikiData
 - **E** RKD-Artists
 - ≡ ...
- **=** Subjects
 - **≡** WikiData
 - ≡ ...







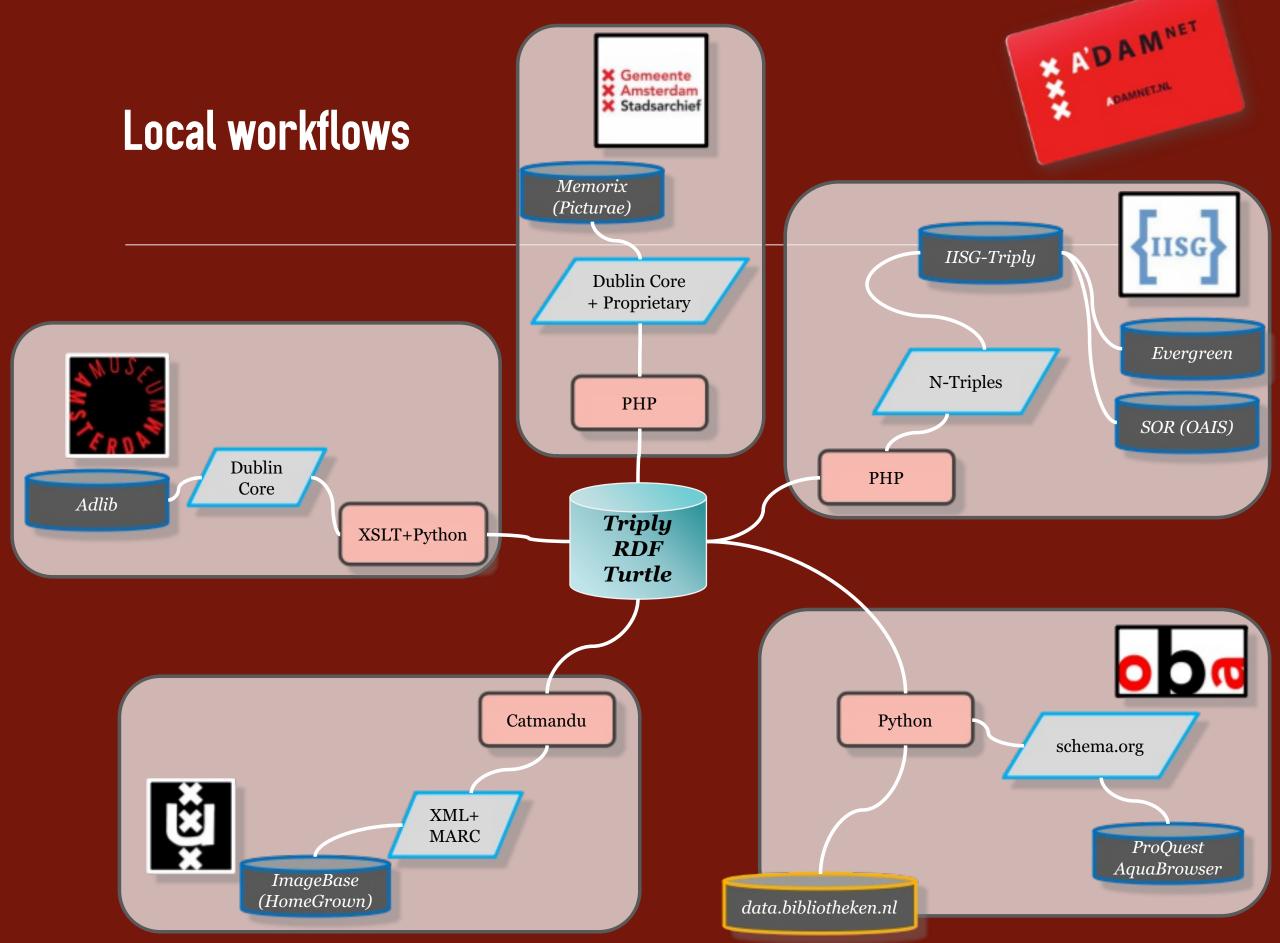




Alignment: sameAs

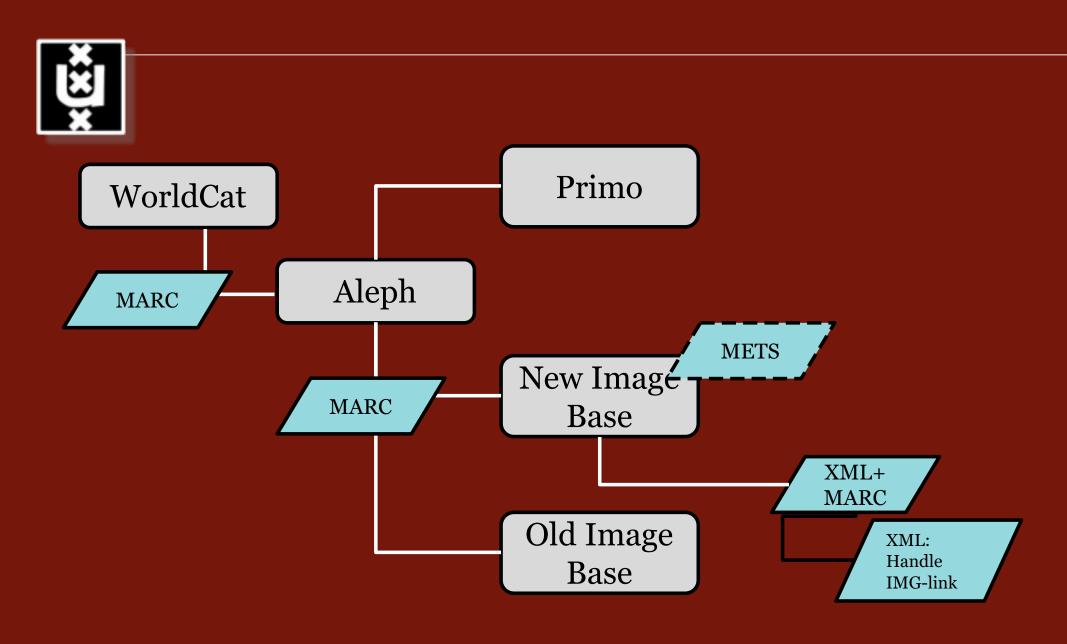


- ≡ items
- = creator/contributor
- ≡ subject
- **≡** location





University of Amsterdam Digital Maps Case



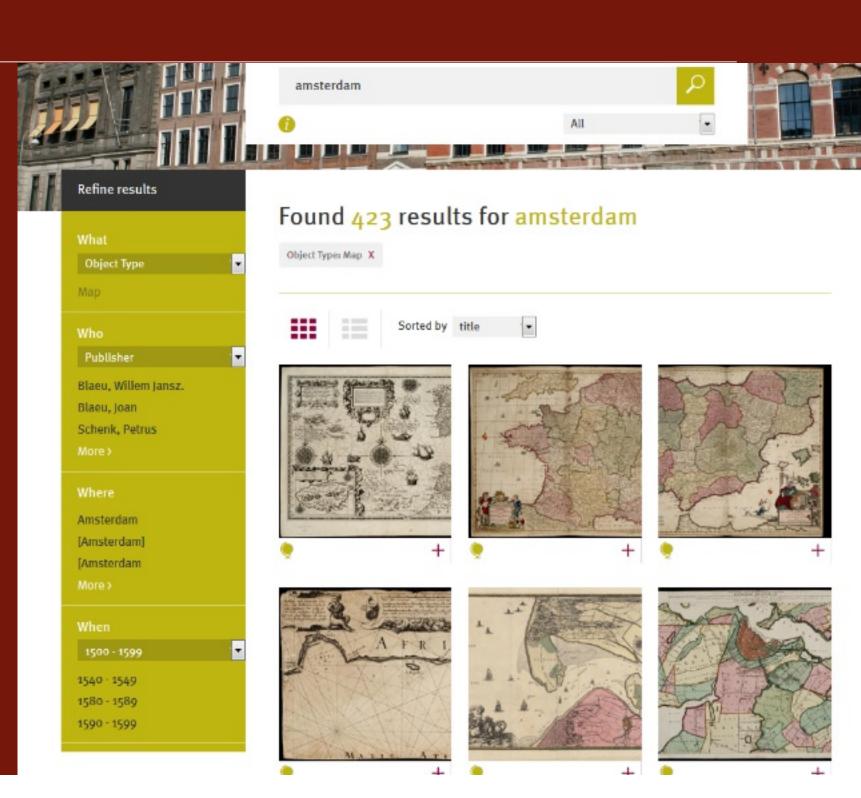
UvA Digital Maps Case

- **■** Physical map collection approximately: 135,000
- Digitised maps in ImageBase: 650■ 0.5%
- Physical maps "about Amsterdam": approximately 1000
- Digitised maps in "about Amsterdam" ImageBase: approximately 60■ 6%



1st problem: retrieve all maps of Amsterdam

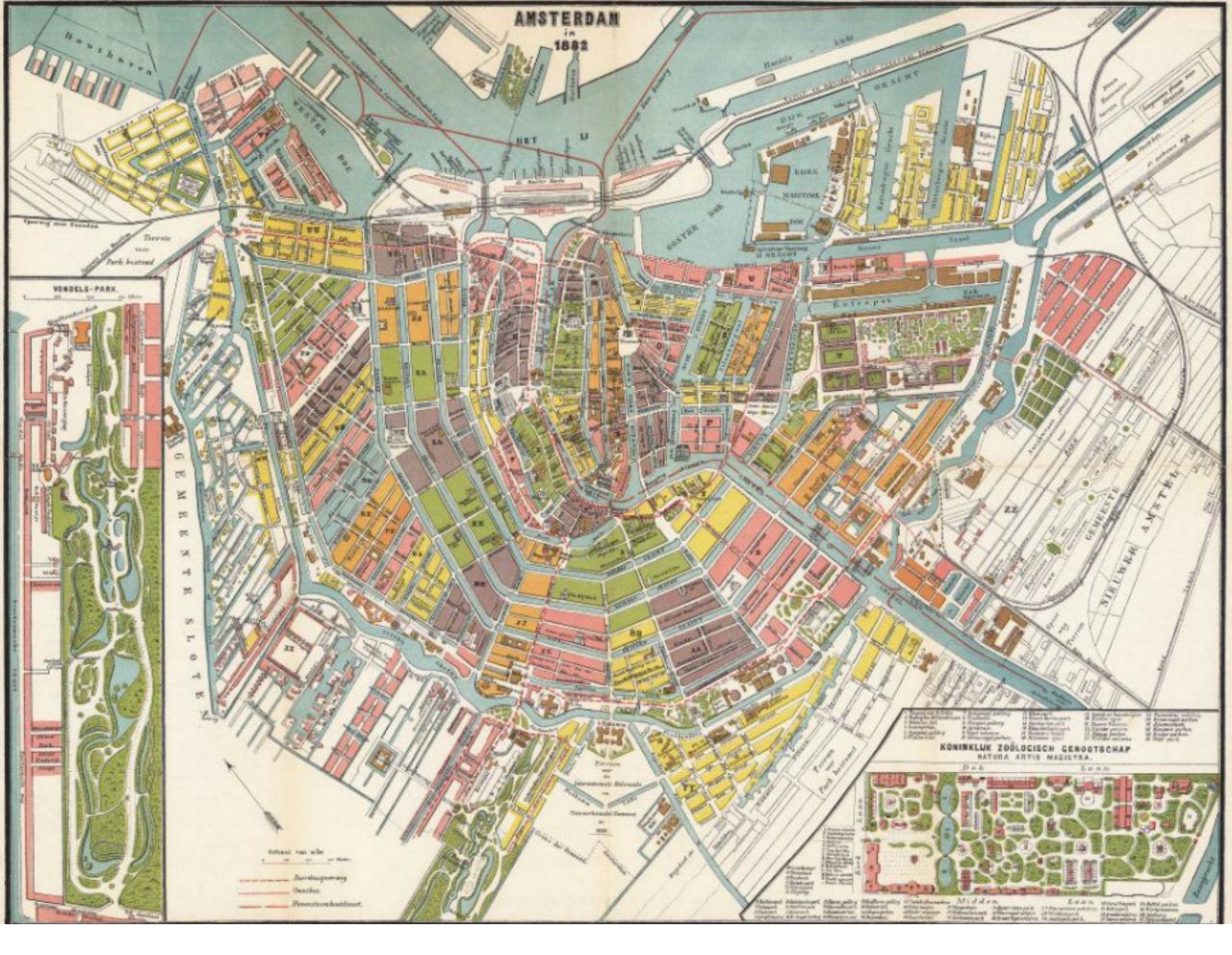
- Not all maps of Amsterdam have subject/spatial "amsterdam"
- Many maps were published in "Amsterdam", but depict different places



* A'D A M NET

API call more flexible

- - **=** Total number: 43
- - **=** Total number: 62
- - Total number: 65
- = False Positives (Place of publication in Title Statement)





XML + MARC

</docHit>

```
<docHit rank="11" path="erfgoed:metadata/184368197/meta.xml" score="88" totalHits="0">
    <meta>
       <identifier label.nl="identifier" label.en="identifier">hdl:11245/3.1005</identifier>
       <marc>
          <record>
             <info type="Items"
                   href="http://merel.ic.uva.nl:1893/rest-dlf/record/UVA01000937346/items"/>
             <info type="Holdings"
                   href="http://merel.ic.uva.nl:1893/rest-dlf/record/UVA01000937346/holdings"/>
             <info type="Filters"</pre>
                   href="http://merel.ic.uva.nl:1893/rest-dlf/record/UVA01000937346/filters"/>
                                       i 4500</leader>
             <leader>00000nem a22
             <controlfield tag="001">000937346</controlfield>
             <controlfield tag="005">20070326112939.000</controlfield>
                                                  <controlfield tag="008">940824|1882
             <datafield tag="035" ind1=" " ind2=" ">
                <subfield code="a">(NL-pica)121640264</subfield>
             </datafield>
             <datafield tag="035" ind1=" " ind2=" ">
                <subfield code="a">(OCoLC) 71501898</subfield>
             </datafield>
  <facet-what.en>Object Type::Map</facet-what.en>
  <facet-what.nl>objecttype::kaart</facet-what.nl>
  <shelf mark label.nl="signatuur" label.en="Shelf Mark">OTM: HB-KZL 101.05.VI E 25 (62)</shelf mark>
  <section label.nl="sectie" label.en="section">BC</section>
  <image image="data/images/184368197/viewer/resultviewer/184368197.jpg"</pre>
         thumbnail="data/images/184368197/thumbs/102/184368197.jpg"/>
  <view url="view?docId=metadata/184368197/meta.xml"</pre>
        thumbnail="data/images/184368197/thumbs/296/184368197.jpg">image</view>
</meta>
```

Catmandu - http://librecat.org/







Thanks to Patrick Hochstenbach

- **■** Data Processing Toolkit
- **≡** Open Source
- MARC2RDF: https://github.com/LibreCat/MARC2RDF
 - **≡** MARC => Dublin Core => RDF
 - Fix scripts: manipulate data

```
# creator
if all_match(record.0.0,'100|110|111')
  marc_map('***a',tmp.foaf_name)
  marc_map('***d',tmp.date)
```

```
marc_map(650,_r.dct_subject.$append, -join => ' ')
marc_map(653,_r.dct_subject.$append, -join => ' ')
```

XML+MARC = > MARC



Thanks to Patrick Hochstenbach

■ Catmandu+perl:

- ≡ grab Handle+Image link
- move to MARC fields, prepend base URLs
- = handle => 024
- \equiv image link => 856
- = remove XML
- = retain MARC-XML
- **≡** Input for Catmandu MARC 2 RDF

```
/184368197.jpg</marc:subfield>
```

MARC 2 RDF



- Basically, the MARC2RDF scripts convert MARC to RDF "as is"
- **≡** Strings in, strings out
- **■** No URIs in MARC? No URIs in RDF

RDF without URIs is like MARC-XML



```
<datafield tag="651" ind1=" " ind2="7">
   <subfield code="a">Amsterdam (stad)</subfield>
  <subfield code="2">gtt</subfield>
  <subfield code "9">087008068</subfield>
</datafield>
<datafield tag="691" ind1=" " ind2=" ">
   <subfield code="a">74.20</subfield>
  <subfield code="j">geografie van Nederland</subfield>
  <subfield code="2">bal</subfield>
   <subfield code="9">169910598</subfield>
</datafield>
<datafield tag="699" ind1=" " ind2=" ">
  <subfield code="x">1001</subfield>
  <subfield code="2">goo</subfield>
</datafield>
<datafield tag="700" ind1="1" ind2=" ">
   <subfield code="a">Braakensiek, Albertus</subfield>
  <subfield code="c">sr.</subfield>
   <subfield code="d">1811-1883</subfield>
   <subfield code="g">graveur, lithograaf, tekenaar</subfield>
  <subfield code="9">070009031</subfield>
</datafield>
<datafield tag="700" ind1="1" ind2=" ">
   <subfield code="a">van der Stok, Arend Jan</subfield>
  <subfield code="c">Jr.</subfield>
   <subfield code="d">1847-1908</subfield>
  <subfield code="9">138269262</subfield>
</datafield>
<datafield tag="710" ind1="2" ind2=" ">
   <subfield code="a">Tresting (amp; Co.</subfield>
  <subfield code="9">075330946</pubfield>
</datafield>
```



- Old PICA identifiers (PPN)
- **≡** Subject Headings
- Creator/contributor
 Identifiers



Item/record identifiers

```
<docHit rank="11" path="erfgoed:metadata/184368197/meta.xml" score="88" totalHits="0">
   <meta>
      <identifier label.nl="identifier" label.en="identifier">hdl:11245/3.1005</identifier>
      <marc>
         <record>
            <info type="Items"</pre>
                  href="http://merel.ic.uva.nl:1893/rest-dlf/record/UVA01000937346/items"/>
            <info type="Holdings"
                  href="http://merel.ic.uva.nl:1893/rest-dlf/record/UVA01000937346/holdings"/>
            <info type="Filters"</pre>
                  href="http://merel.ic.uva.nl:1893/rest-dlf/record/UVA01000937346/filters"/>
            <leader>00000nem a22
                                      i 4500</leader>
            <controlfield tag="001">000937346</controlfield>
            <controlfield tag="005">20070326112939.000</controlfield>
            <controlfield tag="008">940824|1882
                                                                 |||| ||dut|d</controlfield>
                                                    ne | | | |
            <datafield tag="035" indi-"
               <subfield code="a">(NL-pica) 121640264</subfield>
            </datafield>
            <datafield tag="035" ind1=" " ind2=" ">
               <subfield code= a">(OCoLC) 71501898</subfield>
            </datafield>
```

National Library of the Netherlands new linked data portal



http://data.bibliotheken.nl/

De toegang tot alle Linked Data zoals beschikbaar gesteld door de Koninklijke Bibliotheek. Deze dienst is een bètaversie. Meer informatie over deze en andere datasets en -services? Kijk bij Dataservices en API's.

Dataset

"Thesaurus KBcode"@nl

"Organisaties uit de corporatiethesaurus van de Koninklijke Bibliotheek"@nl http://data.bibliotheken.nl/id/dataset/corps

"Brinkman trefwoordenthesaurus"@nl

"Gemeenschappelijke Trefwoordenthesaurus (GTT) "@nl

"Nederlandse Bibliografie Totaal (NBT) "@nl

"Personen uit de Nederlandse Thesaurus van Auteursnamen (NTA) "@nl

http://data.bibliotheken.nl/id/dataset/kbcode

http://data.bibliotheken.nl/id/dataset/brinkman

http://data.bibliotheken.nl/id/dataset/gtt

http://data.bibliotheken.nl/id/dataset/nbt

http://data.bibliotheken.nl/id/dataset/persons

Amsterdam (city)

http://data.bibliotheken.nl/id/thr/s/p087008068





Amsterdam (city) rdfs:label Amsterdam (stad) skos:editorialNote Bos51 GOO coordinator skos:prefLabel Amsterdam (city) Amsterdam (stad) rdf:type skos:Concept skos:broader http://data.bibliotheken.nl/id/thes/p078605768 4 Noord-Holland http://data.bibliotheken.nl/id/thes/p078458013> skos:narrower → Bos en Lommerbuurt

Braakensiek, Albertus (sr.; 1811-1883; graveur, lithograaf, tekenaar)

http://data.bibliotheken.nl/id/thes/p070009031



rdfs:comment

medewerker van zoons A.B.H. en J.C. (Scheen)



rdfs:label	Braakensiek, Albertus (sr. ; 1811-1883 ; graveur, lithograaf, tekenaar)	
schema:deathDate	1883 Albertus Braakensiek	
schema:name		
schema:birthDate	1811	
schema:familyName	Braakensiek	
schema:givenName	Albertus	
rdf:type	schema:Person	
owl:sameAs	http://viaf.org/viaf/34756443>	
foaf:isPrimaryTopicOf	_:98e5fe88dcf48fe265ac0550497f6ce4	



Catmandu Fix

```
do marc each()
 if all match(record.0.0, '600|610|611|630|650|653|691')
   if marc has('***9')
   #add URIs
   marc map('***aj',tmp.foaf name.$append, -join => ' ')
   marc map('***aj',tmp.skos altLabel.$append, -join => ' ')
   marc map('***9',tmp. id)
   prepend(tmp._id,"http://data.bibliotheken.nl/id/thes/p")
    copy_field(tmp,_r.dc_subject.$append)
   else
   #add strings
   marc_map('***aj',_r.dc_subject.$append, -join => ' ')
   end
 end
  # remove temporary field
  remove field(tmp)
```



Convert MARC type to AAT

```
# Type
marc_map(LDR/6,_r.dc_type.$append) <leader>00000nem a22
                                                             i 4500</leader>
lookup(_r.dc_type.*,'fix/leader_type.csy', -delete => 1)
###
                                                            type=map
marc map(694a,tmp.cat)
                                                      http://vocab.getty.edu/aat/300028094
split field(tmp.cat,":")
trim(tmp.cat.1)
copy field(tmp.cat.0, r.dc type.$append, -join => ' ')
copy_field(tmp.cat.1, r.dc_type.$append, -join => ' ')
remove field(tmp.cat)
#Add AAT Type URI's
copy_field(_r.dc_type,tmp_type)
lookup(_r.dc_type.*,'fix/type_aat.csy', -delete => 1)
prepend(_r.dc_type.*,"http://vocab.getty.edu/aat/")
move field(tmp type.*, r.dc type.$append, -join => ' ')
```



```
<http://hdl.handle.net/11245/3.1005> <http://purl.org/dc/elements/1.1/contributor> <</pre>
http://data.bibliotheken.nl/id/thes/p070009031>, <a href="http://data.bibliotheken.nl/id/thes/p075330946">http://data.bibliotheken.nl/id/thes/p075330946</a>, <
http://data.bibliotheken.nl/id/thes/p138269262>;
       <http://purl.org/dc/elements/1.1/date> "", "1882";
       <a href="http://purl.org/dc/elements/1.1/description">http://purl.org/dc/elements/1.1/description</a> "D'Ailly, no. 554; Hameleers, no. 43:1", "Inzet: [1.]
       Vondels Park (27 x 6,5 cm); [2.] Koninkl\u0133k Zo\u00F6logisch Genootschap; Natura Artis Magistra
        (met legenda) (9 x 20 cm)", "Omslagtitel: Platte grond van Amsterdam in 1882 door A. Braakensiek;
       herz. en b\u0133gewerkt [door] A.J. van der Stok Jr", "Verso: Gids voor de bezoekers van Amsterdam",
       "Verso: L\u0133st van straten, grachten enz" ;
       http://hdl.handle.net/11245/3.1005>, <http://www.worldcat.org/oclc/71501898>, "000937346";
       <http://purl.org/dc/elements/1.1/language> "dut" ;
       <http://purl.org/dc/elements/1.1/publisher> "Amsterdam Tj. van Holkema" ;
       <a href="http://purl.org/dc/elements/1.1/spatial">http://data.bibliotheken.nl/id/thes/p087008068</a>;
       <a href="http://purl.org/dc/elements/1.1/subject">http://data.bibliotheken.nl/id/thes/p169910598>;</a>
       <a href="http://purl.org/dc/elements/1.1/title">http://purl.org/dc/elements/1.1/title</a> "Amsterdam in 1882 A. Braakensiek; Tresling & Co. Hof Lith.
       Amst";
       <a href="http://purl.org/dc/elements/1.1/type">http://vocab.getty.edu/aat/300028094</a>, "kaart";
       <http://purl.org/dc/terms/extent> "1 krt lithogr., in kleur 38 x 51,5 cm";
       <a href="http://purl.org/dc/terms/isReferencedBy">http://purl.org/dc/terms/isReferencedBy</a> "D'Ailly, no. 554; Hameleers, no. 43:1";
       <http://purl.org/dc/terms/spatial> "Schaal 1:10.500" ;
       <http://rdfs.org/ns/void#inDataset> <https://data.adamlink.nl/uva/maps> ;
       <a href="http://semanticweb.cs.vu.nl/2009/11/sem/hasBeginTimeStamp">http://semanticweb.cs.vu.nl/2009/11/sem/hasBeginTimeStamp</a> "1882";
       <a href="http://semanticweb.cs.vu.nl/2009/11/sem/hasEndTimeStamp">http://semanticweb.cs.vu.nl/2009/11/sem/hasEndTimeStamp</a>
       <a href="http://www.europeana.eu/schemas/edm/dataProvider"> "Bibliotheek Universiteit van Amsterdam";</a>
       <a href="http://www.europeana.eu/schemas/edm/intermediateProvider">http://www.europeana.eu/schemas/edm/intermediateProvider</a> "Stichting Adamnet";
       <a href="http://www.europeana.eu/schemas/edm/isShownBy">http://www.europeana.eu/schemas/edm/isShownBy</a> <
       https://www.uvaerfgoed.nl/media/data/images/184368197/viewer/resultviewer/184368197.jpg> ;
       a <http://www.europeana/schemas/edm/ProvidedCHO> ;
       <http://www.w3.org/2000/01/rdf-schema#label> "Amsterdam in 1882" ;
       <a href="http://www.w3.org/2002/07/owl#sameAs">http://data.bibliotheken.nl/id/nbt/p121640264>, < http://data.bibliotheken.nl/id/nbt/p121640264>, <
       http://www.worldcat.org/oclc/71501898>;
       <http://xmlns.com/foaf/0.1/depiction> <
       https://www.uvaerfgoed.nl/media/data/images/184368197/viewer/resultviewer/184368197.jpg> .
```

Add turtle to Triply - https://data.adamlink.nl/UvA/Maps



UvA / Maps

Login

















Maps ^❷

by UvA

Created at 2/14/2018, 11:10:21 PM 2.430 statements

Kaarten van Amsterdam uit de Nieuwe Beeldbank van de Bibliotheek van de Universiteit van Amsterdam/Allard Pierson Museum. https://www.uvaerfgoed.nl/beeldbank/

Graphs

default

outlines

2414

16

Example resources











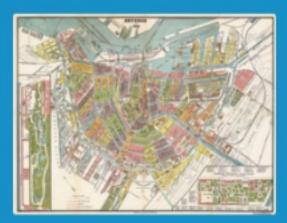
Services

Maps

Assets

kaarten.ttl maps-outlines.ttl

Amsterdam in 1882



ProvidedCH0

http://hdl.handle.net/11245/3.1005

Contributor

Braakensiek, Albertus Tresling & Co. van der Stok, Arend Jan

Date

1882

Braakensiek, Albertus

http://data.bibliotheken.nl/id/thes /p070009031 BirthDate

1811

DeathDate

1883

AltLabel

Braakensiek, Albertus 1811-1883 sr. graveur, lithograaf, tekenaar Braakensiek, Albertus sr. 1811-1883 graveur, lithograaf, tekenaar

Description

D'Ailly, no. 554; Hameleers, no. 43:1

Inzet: [1.] Vondels Park (27 x 6,5 cm); [2.] Koninklijk Zoölogisch Genootschap;

Natura Artis Magistra (met legenda) (9 x 20 cm)

Omslagtitel: Platte grond van Amsterdam in 1882 door A. Braakensiek; herz. en

bijgewerkt [door] A.J. van der Stok Jr

Verso: Gids voor de bezoekers van Amsterdam

Verso: Lijst van straten, grachten enz

Identifier

(NL-pica)121640264 (OCoLC)71501898 000937346

Language

dut

Publisher

Amsterdam Tj. van Holkema

Spatial

Amsterdam (stad)

Subject

74.20 geografie van Nederland

Amsterdam (stad)

http://data.bibliotheken.nl/id/thes/p087008068

AltLabel

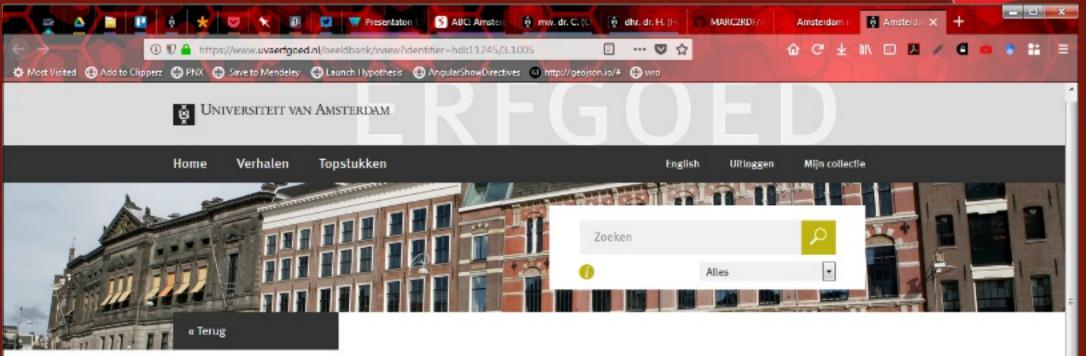
Amsterdam (stad)

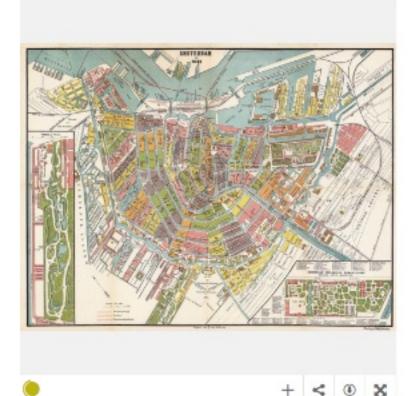
These Handles are NOT URIs (yet)

- **■** No Content Negotiation (yet)
- Handle in browser leads to page in Image Base
- ≡ Handle in Triply functions as URI (Sparqle, Dereferencing)



Handle in browser





Amsterdam in 1882, A. Braakensiek ; Tresling & Co. Hof Lith. Amst

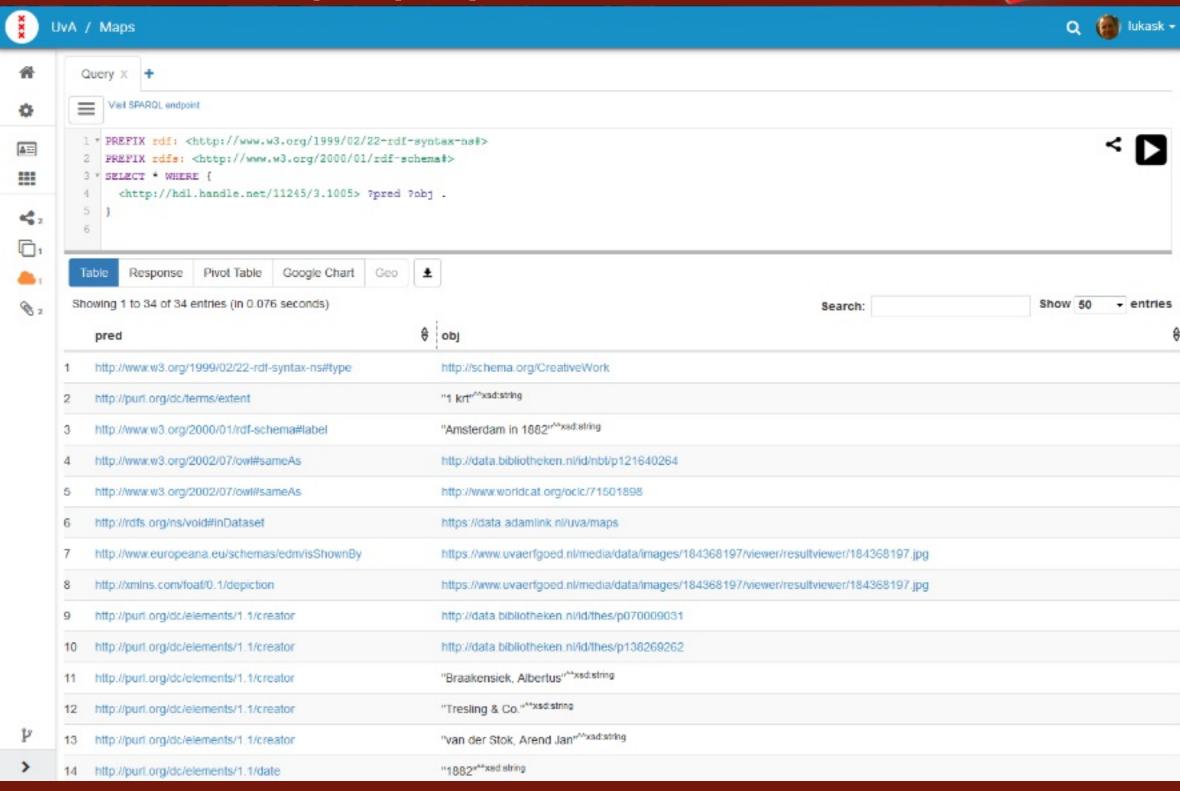
Titel	Amsterdam in 1882, A. Braakensiek;
	Tresling & Co. Hof Lith. Amst
Materiaal	lithogr., in kleur
Auteur	Braakensiek, Albertus, sr., 1811-1883, graveur, lithograaf, tekenaar
	van der Stok, Arend Jan, Jr.,
	1847-1908
	Tresling & Co.
Uitgever	Amsterdam, Tj. van Holkema
	[Amsterdam]:, Roeloffzen & Hübner
Datering	1882
Omvang	1 krt
Afmetingen	38 x 51,5 cm
Schaal	Schaal 1:10-500
Signatuur	OTM: HB-KZL 101.05,VI E 25 (62)

hdl.handle.net/11245/3.1005

Permalink.



Handle in Triply Sparql





Apps - http://lab.adamlink.nl/

Adamlink Lab

Verdwenen straten

Straatbeelden

Het Adamlink Lab

Op deze plek vind je links naar applicaties die op de Adamlink data zijn gemaakt. Ze geven een idee wat je er zoal mee kan.

Lees ook de Adamlink Blog

Op <u>onze blog</u> publiceren we artikelen voor erfgoedprofessionals, ontwikkelaars en ieder ander die meer over ons project of over onze data wil weten.

Bekijk ook de Adamlink Referentiedata

Onze referentiedata is vooral bedoeld om goede identifiers te vinden bij straten, personen, gebouwen, enzovoort. Maar je vindt er natuurlijk ook waar die ene verdwenen straat precies lag.

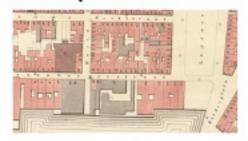
A'dam op de kaart



De kaarten van het stadsarchief waren alleen in de beeldbank terug te vinden. Totdat Bert en Menno ze op de HackaLOD ook geografisch ontsloten.

Op github meer informatie en links naar beide applicaties.

A'dam op de kaart 2



In een tweede prototype zoek je ook met andere parameters, zoals deelcollectie en tijd. En SPARQL liefhebbers komen hier ook aan hun trekken.

HvA prototypes



Dertig HvA studenten werkten een week lang op de OBA aan dertig Adamlink applicaties. We zijn erg onder de indruk van <u>de resultaten</u>, zeker als je in aanmerking neemt dat zowel de collecties zelf, als het bevragen daarvan met SPARQL, onbekend terrein waren.

Metro & tram



Alle tram- en metrolijnen, zoals ze voor en na 22 juli lopen, met historische foto's uit de Amsterdamse archieven.

Pionieren



Zand, net gesloten straten, de eerste boompjes in de grond. Eens kijken of we dit soort foto's van pionierend Amsterdam boven water krijgen met een query die beeld ophaalt dat genomen is binnen twee jaar na aanleg van een straat.

Straatbeelden



De straatbeelden - van verschillende Amsterdamse collecties - komen uit de Adamlink sparql endpoint, de straatgeometrie en het autocomplete afrolmenuutje uit de referentiedata.





1880's | 1890's | 1900's | 1910's | 1920's | 1930's | 1940's | 1950's | 1960's | 1970's | 1980's | 1990's | 2000's

Amsterdams Pionieren 1920's

Hieronder het antwoord van AdamNet op de vraag 'geef alle afbeeldingen van straten die gemaakt zijn binnen twee jaar na aanleg van die straat'. We hopen daarmee een beeld van pionierend Amsterdam te kunnen laten zien, maar ook de mogelijkheden van het combineren van datasets (het stratenregister met beginjaren van straten en de Amsterdamse collecties in AdamNet). Klik op de straatnaam voor een kaartje en meer foto's.



Cornelis Douwesweg 1925

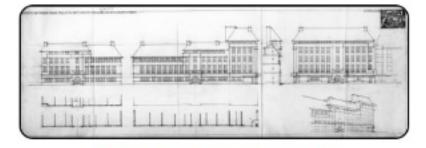


Kramatweg 1927





Vechtstraat 1924



Brahmsstraat 1928



Data improvement



- Data is improved and enriched in the local workflows
- **■** Should flow back to the original source
- Easier in smaller institutions/simpler infrastructures
 - = Amsterdam Museum: adding adamlink location URIs
 - ≡ IISG introducing AAT for object types
- **≡** Complicated in larger institutions/complex infrastructures
 - **≡** International agreements (WorldCat)
 - **≡** Complex workflows/distribution of responsibilities



Take-aways

- = Heterogeneous environment requires open and flexible platform
- **■** Distribution vs. aggregation
 - ≡ Alignment issues
- Autonomous, informal team functions better than centralised hierarchical organisations
- **The Proof of concepts (apps) are vital for acceptance**
- Data quality is key
- E Differences in options for adding data improvements back to source
- Linked Data URI configuration needs to be implemented locally (content negotiation)



That's all Folks!