# Website archiving at the Rotterdam City Archive.



Concept and practice 2006 – present day.

**Stadsarchief Rotterdam** 

André Skyaasen. Digital archives and collections.



# Outline.

- 1. Introduction to Rotterdam City Archive.
- 2. Webarchiving concept at Rotterdam City Archive.
- 3. Practice 2006 2019.
- 4. Practice 2019 present day.
- 5. Summary.
- 6. Questions.



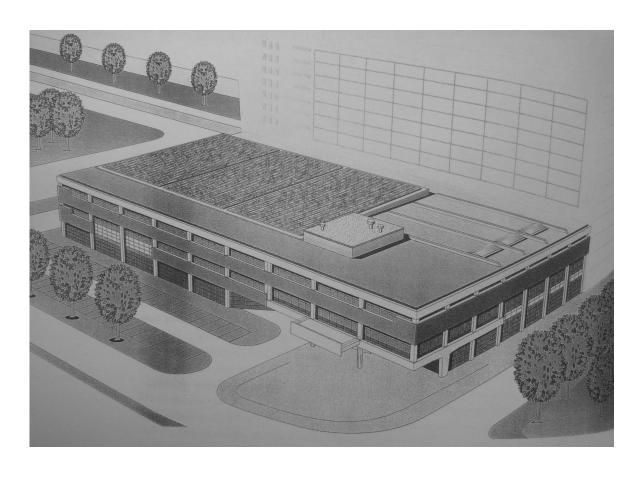
Municipality began collecting archives and curiosities in 1851. Archive established in 1857.

Municipality of Rotterdam built a dedicated archive building in

of:



From 1998 onwards at the Hofdijk.





One of the oldest and largest local archives in the Netherlands.

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Collection of 23 kilometres of documents, photos, maps, posters, blueprints, audio visual material and more.

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Websites and other material from 2021. E-depot with 300 TB of data.

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Legally required to archive Rotterdam municipality websites.

Performed by separate departments within the municipality.

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Curated selection according to an acquisition policy.

Municipality websites.

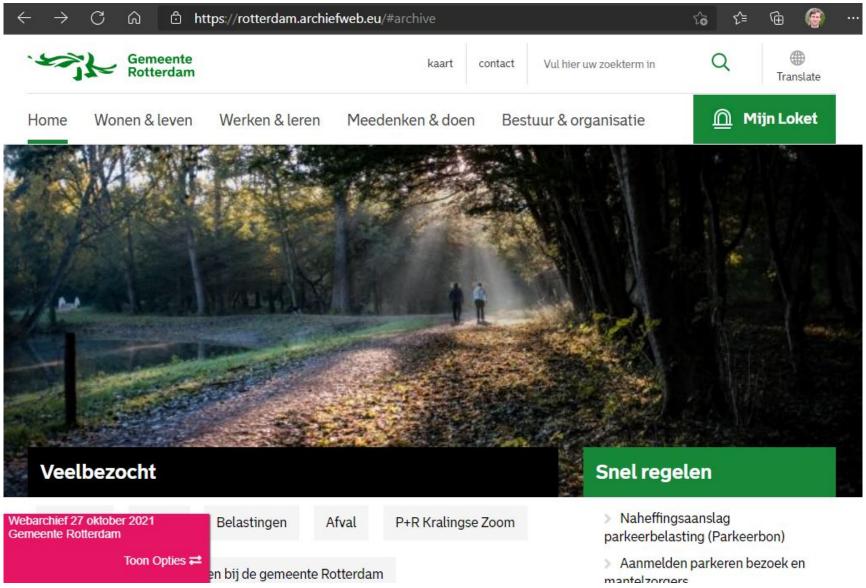
Municipality websites.

Archived according to legal requirements for government bodies for:

Accountibility.

Evidence.

# Municipality websites.



Goal: Build a collection of web archives that represents websites of social and cultural aspects within the municipality.

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Similar to collecting programmes, folders a flyers.

Cultural organisations an

- Social clubs and groups.
- Website development over





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- Replicate the communication to users.
- Deliberately not server-side method.
- No software archiving.

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Issues and essential aspects:

 How much to archive relative to how much there is available.

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- Librarian.
- Digital information advisor.
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Important unanswered questions.

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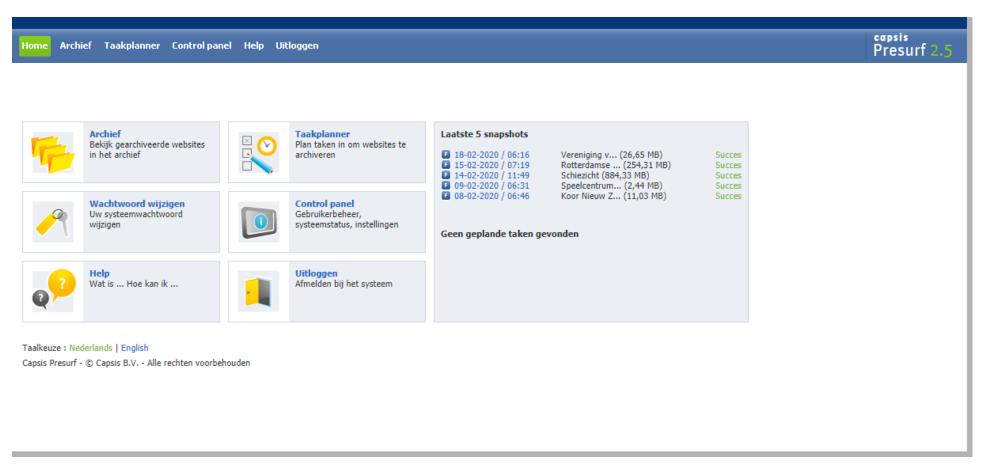
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#### Opt out.

• No reply = consent.

## 3. Website archiving practice 2006 - 2019.

External company: Capsis.



Gemeentearchief Rotterdam		
Collecties van websites van het Gemeentearchief Rotterdam (GAR). View and edit advanced information	Archive size	: 2,95 TB (53128466 files)
	Number of groups	: 52
	Number of collections	: 1201
	Number of snapshots	: 4654
	First snapshot	: 02-14-2006 / 14:51
	Last snapshot	: 02-18-2020 / 06:06
	2000 0000000	. 52 25 2520 / 55165

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Integrity of some files remains uncertain.

Problematic, non-functional or partly functional WARCs.

Diagnosing the problems is challenging.

Questions:

What is the problem?

How do you find out?

What is the solution?

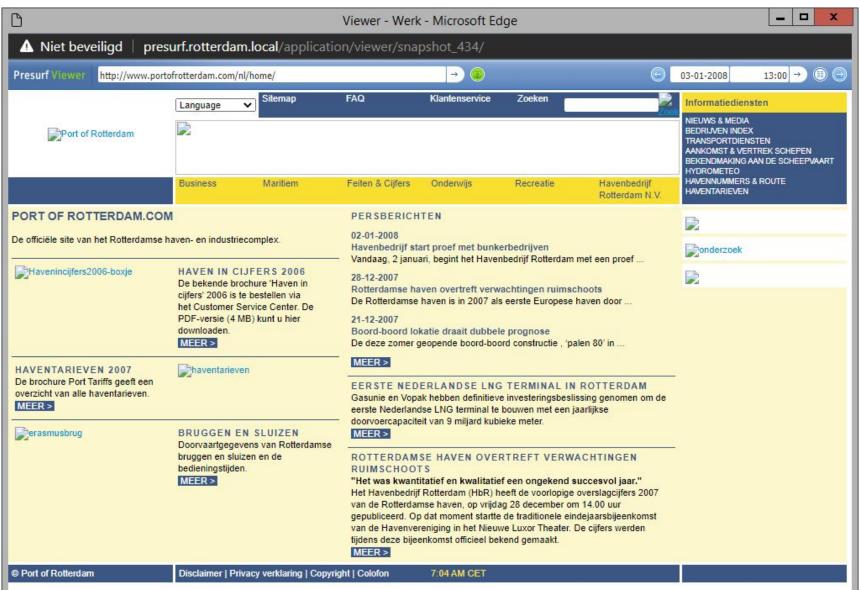
## Quality control tools:

- Notepad.
- DROID.
- JHOVE.
- Warcat.
- Warcio.
- More...

### Third party WARC viewers:

- Replayweb.page.
- Conifer.
- Preservica.

## Capsis PreSurf.



# Capsis PreSurf.

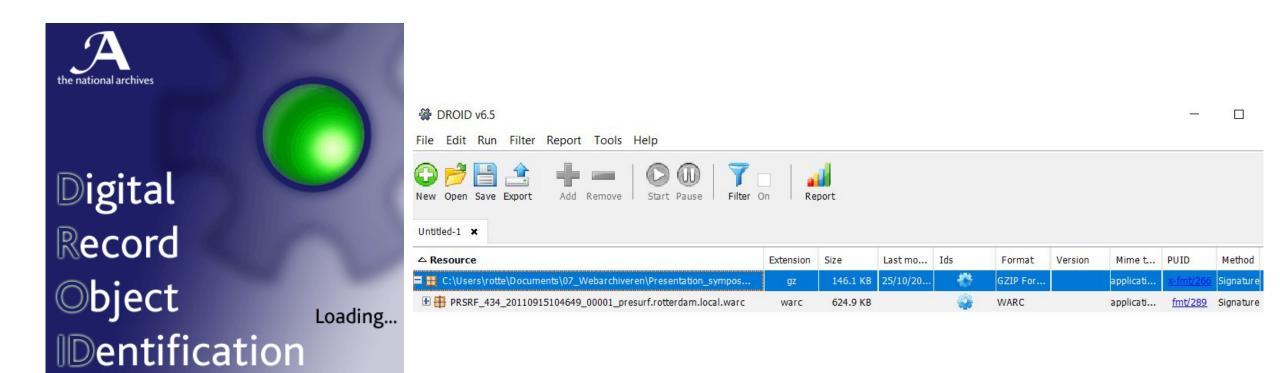




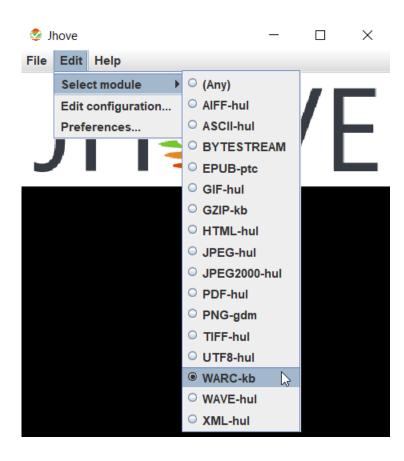
snapsnot_431	10-0-201/ 07:20		
snapshot_433	10-6-2017 07:27		
🃗 snapshot_434	10-6-2017 07:38		
lass snapshot_435	10-6-2017 07:43		
In spanshot 426	10 6 2017 07:52		

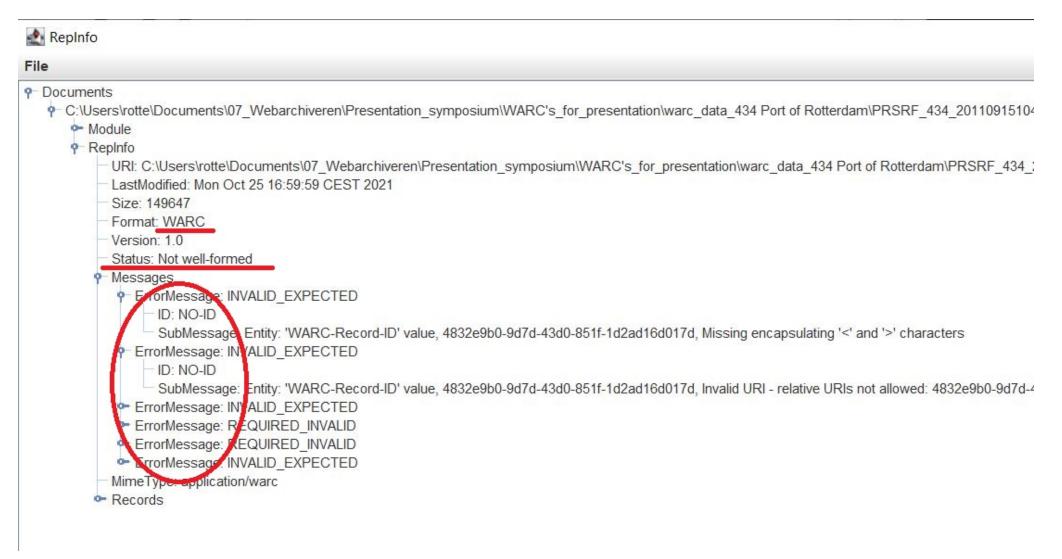


Naam	Gewijzigd op	Туре	Grootte
PRSRF_434_20110915104649_00001_presurf.rotterdam.local.warc.gz	15-9-2011 12:43	7-Zip bestand	147 kB









```
PRSRF 434 20110915104649 00001 presurf.rotterdam.local.warc - Notepad
File Edit Format View Help
WARC/1.0
WARC-Type: warcinfo
WARC-Record-ID: 4832e9b0-9d7d-43d0-851f-1d2ad16d017d
WARC-Date: 2008-01-05T07:01:58+01:00
Content-Type: application/warc-fields
Content-Length: 406
WARC-Filename: PRSRF 434 20110915104649 00001 presurf.rotterdam.local.warc.gz
operator: Beheerders
software: Capsis Presurf/2.5.1 http://www.capsis.nl/
robots: Ignore
hostname: presurf.rotterdam.local
ip: 10.33.40.13
http-header-user-agent: Mozilla/4.0 (compatible; MSIE 6.0; GAR)
http-header-from: Noreply@isr.rotterdam.nl
format: WARC File Format 1.0 / NEN-ISO-28500
description:
conformsTo: http://www.nen.nl/web/Normshop/Norm/NENISO-285002009-en.htm
isPartOf: Port of Rotterdam
WARC/1.0
WARC-Type: response
WARC-Target-URI: http://www.portofrotterdam.com/nl/home/
WARC-Date: 2008-01-03T07:02:00+01:00
WARC-Warcinfo-ID: 4832e9b0-9d7d-43d0-851f-1d2ad16d017d
WARC-Payload-Digest: sha1:c27f55e6894c7270bcc9035d2680e6ecbed8010e
WARC-Block-Digest: sha1:c27f55e6894c7270bcc9035d2680e6ecbed8010e
WARC-IP-Address: 10.33.40.13
WARC-Record-ID: <urn:uuid:54b495c7-2bf2-4eaf-ad65-6e78102ffb55>
Content-Type: application/http;msgtype=response
WARC-Identified-Payload-Type: text/html
```

Checks to investigate:

Integrity.

Authenticity.

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- Ask Archiefweb.eu to make a solution.
- Find a solution via our network.

External company: Archiefweb.eu.

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Other unsolved technical issues.

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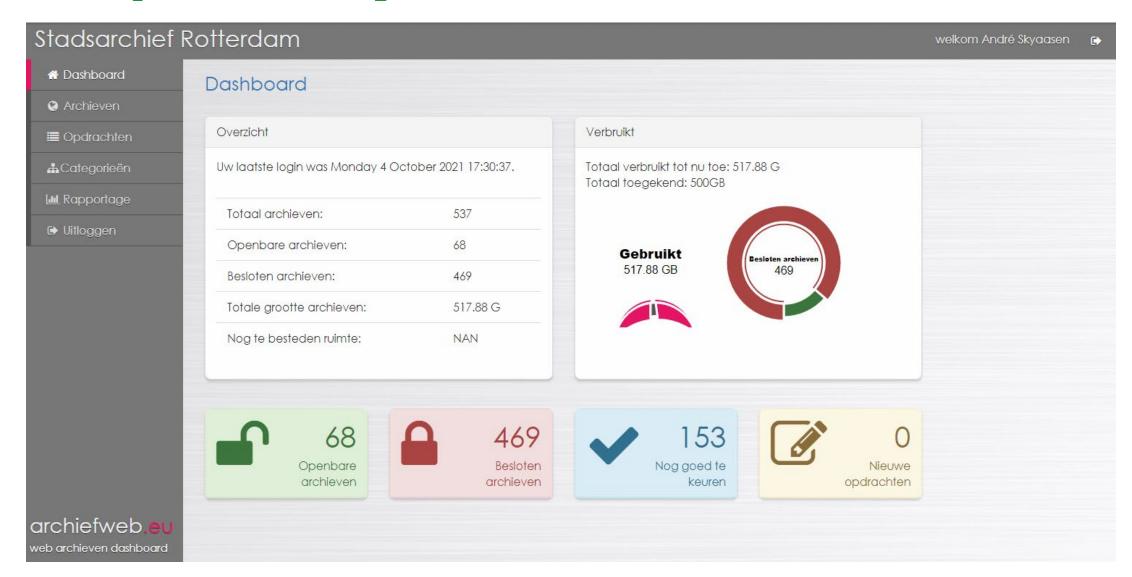
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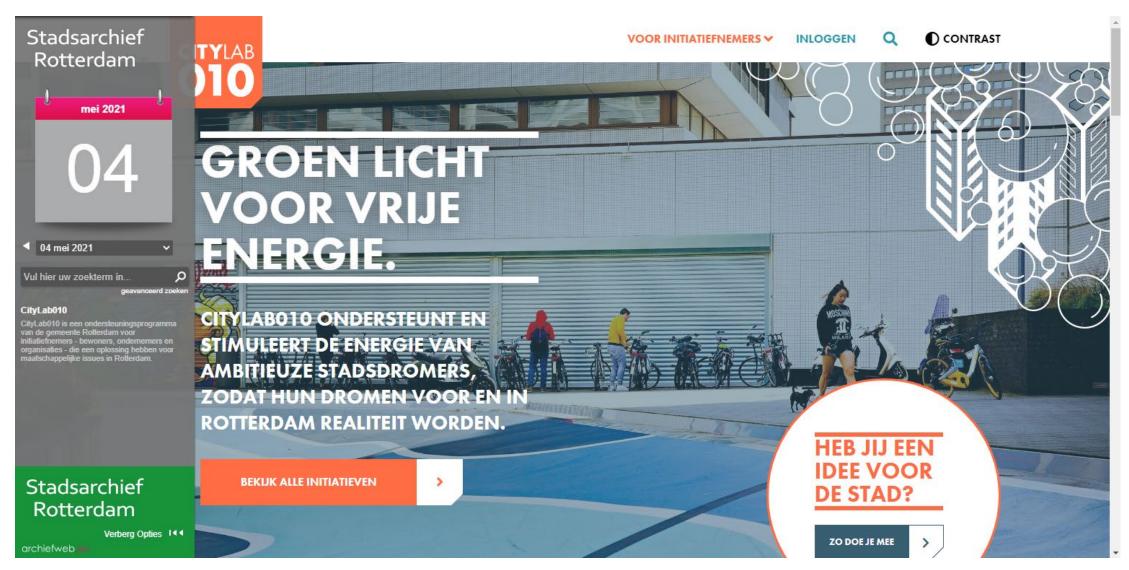
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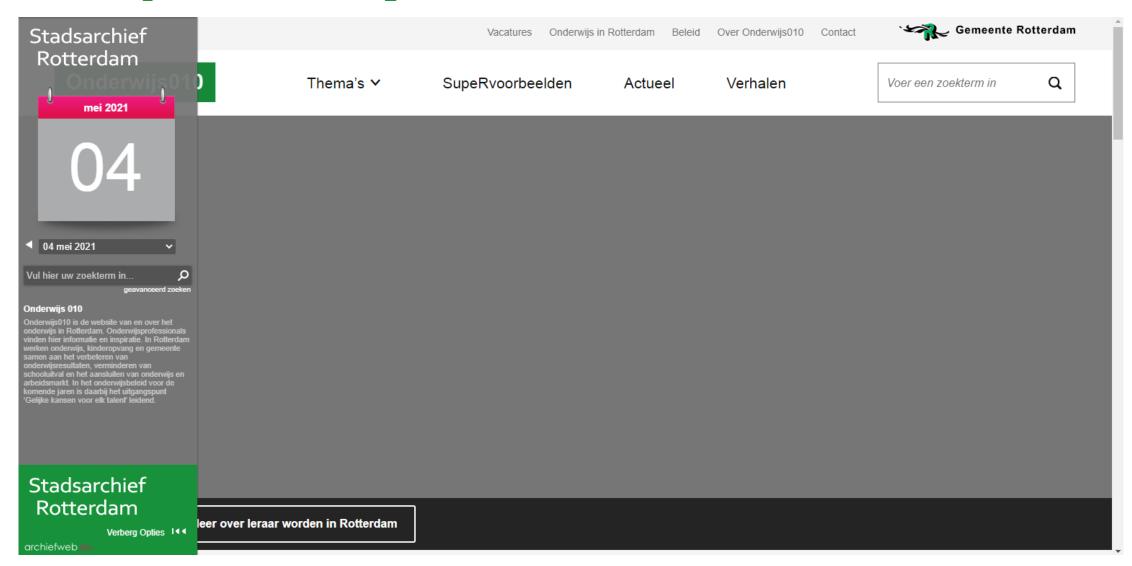
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Website archiving at the RCA| André Skyaasen | 04.11.2021 Vreden.

**63** 







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Stored externally.

## Public access.

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Not currently being made accessible.

Would like to make everything accessible.

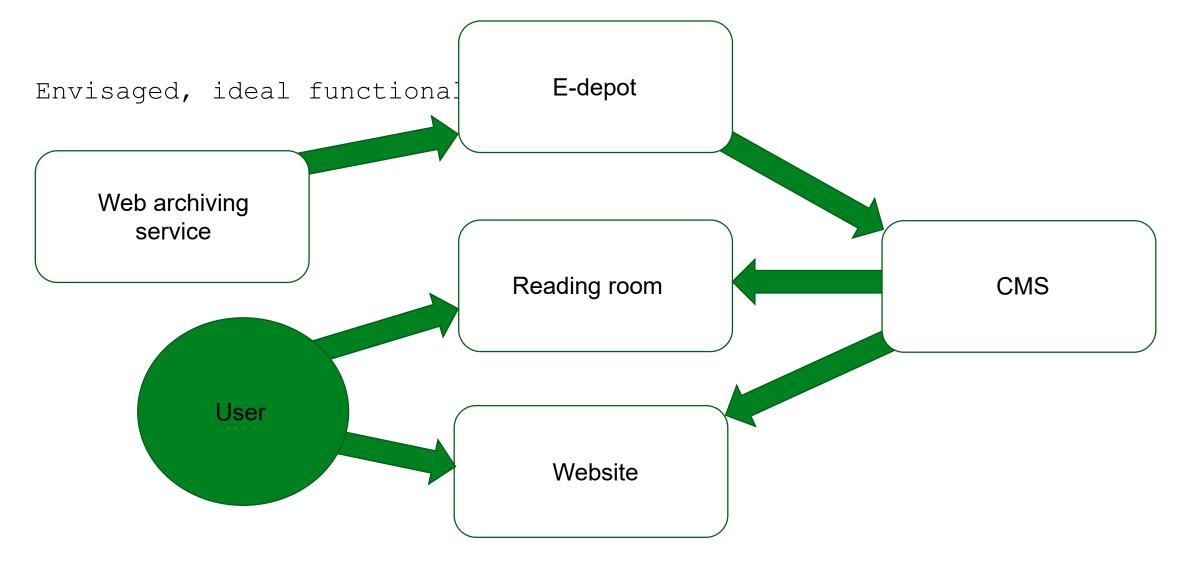
Would like to be able to invest more time into resolving these issues.

## Public access.

Reading room, not website.

Complicated and unsolved legal questions concerning stakeholders.

- Web design rights.
- Content rights.
  - Text.
  - Images.
- Protection of privacy.
  - Comments.
  - Posts.
- Social media.
  - Links.
  - Widgets.



## 5. Summary of website archiving practices at RCA.

#### Concept:

- Legally required municipality websites.
- Curated selection.

External service provider 2006-2019.

• Several inherited problems.

Unsolved legal questions on national and international level regarding public access.

External service provider 2019 - present day.

Regularly archive 5-600 websites.

6. Questions.

Does anyone have any questions?

# Thank you for your attention.

## André Skyaasen.

Digital archives and collections.

a.skyaasen@rotterdam.nl.

