

HuC implementation: AnnoRepo

<https://github.com/knaw-huc/annorepo>

- Functional scope
 - W3C Web Annotation protocol: full implementation
 - CRUD for Annotation Containers
 - Annotation search: globally or per container
 - Find annotations with overlapping targets (currently only for text targets)
 - Authentication and authorization
 - Batch upload
 - Read-only API access
 - URLs for custom queries: dynamically add annotations to manifests/canvases
- Python and Java clients libraries
- Used in all projects mentioned

Pilot (starting): store and share ATM annotations

- ATM: Amsterdam Time Machine
- Pilot: apply and test our Annotation Infrastructure by/for NDE
 - Network Digitaal Erfgoed - Network Digital Heritage
- Use case: collect diverse information *about* ‘things from Amsterdam’ from diverse sources, as sets of annotations
 - Georeferencing annotations on Amsterdam maps
 - Text recognition on scans
 - Image classifications using some thesaurus
 - ...
- Work on standardisation for comparability, searchability
- Collect and show annotations per object, from different contributors
- Work on ‘groupware’, authentication and authorization
- Work on usability

AnnoRepo dashboard

prototype

AnnoRepo Dashboard

Containers

Users

Annotations

Queries

HOME > CONTAINERS >

CHI container

Annotation count: 11

Annotation fields

count

body.purpose

11

body.type

11

body.value

11

target.format

11

target.selector.conformsTo

11

target.selector.type

11

target.selector.value

11

target.source

11

target.type

11

type

11

Annotations

<

0

>

Add

Search

b0e764a8-2211-4f16-a9b2-3cb27518291 | Annotation

{

"purpose": "transcribing",

"type": "TextualBody",

"value": "Lego . "

}

Source | Target

6cf3e43-a329-4664-b066-57e845ef85ca | Annotation

{

"purpose": "transcribing",

"type": "TextualBody",

"value": "yes . "

}

Source | Target

41d1ff65-d218-4178-850c-e242

{

"purpose": "transcribing",

"type": "TextualBody",

"value": "Lego . [+ 5K] "

}

Source | Target

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AnnoRepo

AnnoRepo Version

0.7.4

Running since

5/20/2025, 7:32:49 PM

Running at

<https://annorepo.clariah.nl>

Containers

Add

A Container for Web Annotations

Annotations: 0

Type: BasicContainer, AnnotationCollection

Source

1d64ced4-8659-4285-8fee-55ce1f6bd202

Annotations: 17

Type: BasicContainer, AnnotationCollection

Source

AnnoRepo Dashboard

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HOME > CONTAINERS > DUMMY_TIER >

Search annotations

Field

body.value

Value

:isin

[":"]

Field

body.type

Value

TextualBody

Subquery

Search

<

0

>

152dc7aa-b0ab-453a-a344-9d9262b83464 | Annotation

{

"purpose": "transcribing",

"type": "TextualBody",

"value": "1"

}

Source | Target

6f8f6869-6ad7-4546-b5ac-89d723a6124d | Annotation

{

"purpose": "transcribing",

"type": "TextualBody",

"value": "2"

}

Source | Target