



YAMS Metadata Search

Peter Withers
The TLA Language Archive,
Max Planck Institute for Psycholinguistics Wundtlaan
1, 6525 XD, Nijmegen, The Netherlands
peter.withers@mpi.nl



YAMS: Metadata Search

- Online viewing and searching of metadata.
- Browsing to the data files for a found metadata record.
- Currently working with 50,000 metadata files.
- Targeted to work with millions of metadata files.
- The view of the data and the search functionality will be familiar to Arbil users.
- Intended initially for the TLA archive.
- Features currently in development:
 - Search based on corpus tree sub branch.
 - Search based on the permissions on the data files.
 - Mobile/tablet version

Browsing the Corpus Tree

EWE-2013-11-13

Available Documents: 33 Missing Documents: 0

remove All Types (33) All Paths (1016) equals

add search term Search

EWE-2013-11-13

- Ewe[1]
 - Essegbey[1]
 - naturalistic_route_description[30]
 - Essegbey97-07_Rose-P_v1-07[4]
 - Essegbey97-07_Rose-P_v2-07[4]
 - Metadata Link
 - IMDI Browser Link
 - CMDI Browser Link
 - Trova Link

Location.Address	Unspecified
Name	Essegbey97-07_Rose-P_v2-07
Description	
Actors.Description	
Location.Country	Ghana
Date	1998-01-01
References.Description	
Title	
Location.Continent	Africa

- If a corpus tree is available it can be browsed.
- Each metadata node can be inspected.

Media Preview


EWE-2013-11-13

- [-] Ewe[1]
 - [-] Essegbey[1]
 - [-] naturalistic_route_description[30]
 - [+] Essegbey97-07_Rose-P_v1-07[4]
 - [-] Essegbey97-07_Rose-P_v2-07[4]
 - [+] Anonyms (1)[1]
 - [-] MediaFiles (1)[1]
 - Essegbey97-07_Rose-P_v2-07.mov[1]

Metadata Link

[open](#)
[view](#)

[maximise](#) [close](#)



Description
Format video/quicktime
Quality Unspecified
Type video
Access.Owner
Access.Contact.Organisation
Access.Contact.Email
Access.Availability

- If possible a preview of the data file will be provided.
- A direct link to the data file is always available.



Search Term Hints

- As you type in the search box suggestions will be offered if possible.

EWE-2013-11-13

Available Documents: 33 Missing Documents: 0

remove All Types (33) All Paths (1016) equals af

add search term

EWE-2013-11-13

Ewe[1]

Africa
Africa was collected by assistend prof. James Essegbey. email: essegbey@aall.ufl.edu
Africa was collected by assistend prof. James Essegbey. email: essegbey@aall.ufl.edu
MPI corpora: Language and Cognition: africa: Ewe: Essegbey: naturalistic_route_description
This is the LAC subcorpus africa



Multiple Search Terms

EWE-2013-11-13

Available Documents: 33 Missing Documents: 0

remove	All Types (33)	Continent (1)	equals	Africa
remove	All Types (33)	Genre (29)	equals	s

add search term

Semi-interactive

Union (match any) Search

- Multiple search parameters can be used by adding search terms.



EWE-2013-11-13

Available Documents: 33 Missing Documents: 0

remove All Types (33) Continent (1) equals Africa

remove All Types (33) Genre (29) equals Semi-interactive

add search term

Union (match any) Search

Search Results: (equals Africa)

Search Results: (Continent equals Africa)

Search Results: (Genre equals Semi-interactive)

found 30 in 41ms

- naturalistic_route_description Catalogue[2]
 - SubjectLanguages (1)[1]
 - Location (1)[1]
 - Unspecified[-1]
 - Metadata Link
 - Region
 - Address Unspecified
 - Continent Africa
 - Country Ghana

- Essegbey97-07_Rose-P_v1-07[4]
- Content (Semi-interactive)[1]
 - Metadata Link
 - CommunicationContext.Interactivity semi-interactive
 - SubGenre Unspecified
 - Description
 - Subject
 - CommunicationContext.Channel Unspecified
 - CommunicationContext.PlanningType semi-spontaneous
 - CommunicationContext.EventStructure Unspecified
 - Languages.Description
 - Modalities Speech; Gestures
 - Task Route-Description
 - Genre Semi-interactive
 - CommunicationContext.SocialContext Unspecified
 - CommunicationContext.Involvement non-elicited
- MediaFiles (1)[1]

Search Results

- The matching areas are highlighted in the search results.



Search Specific Fields

- The search can be limited to specific fields.
- When a field is selected the suggestions will be more specific.

The screenshot shows the CLARIN-NL search interface. At the top, there is a date filter 'EWE-2013-11-13'. Below it, the status 'Available Documents: 33 Missing Documents: 0' is displayed. The main search area contains several filters: 'All Types (33)', 'All Paths (1016)', and 'Country (1)'. The 'Country (1)' filter is highlighted with a blue box. To the right, a dropdown menu is open, showing suggestions: 'Africa', 'G', and 'Ghana'. The 'G' suggestion is also highlighted with a blue box. Below the filters, there is a 'Union match any' dropdown and a 'Search' button. At the bottom, a search results box shows 'EWE-2013-11-13' and a single result 'Ewe[1]' with a plus icon.



Match All / Match Any

- Multiple term searches can either match all terms or any terms.

EWE-2013-11-13

Available Documents: 33 Missing Documents: 0

remove	All Types (33)	All Paths (1016)	equals	Africa
remove	All Types (33)	Country (1)	equals	Ghana
remove	All Types (33)	Date (29)	equals	1998-01-01

add search term

Intersection (match all) Search

Search Results: union (equals Africa) (Country equals Ghana) (Date equals 1998-01-01)

Search Results: intersect (equals Africa) (Country equals Ghana) (Date equals 1998-01-01)

EWE-2013-11-13

No results found
453ms



Table View

Ewe[1]
 Essegbey[1]
 naturalistic_route_description[30]

- Essegbey97-07_Rose-P_v1-07[4]
- Essegbey97-07_Rose-P_v2-07[4]
- Essegbey97-07_Rose-P_v1-17[4]
- Essegbey97-07_Rose-P_v1-03[4]
- Essegbey97-07_Rose-P_v2-09[4]
- Essegbey97-07_Rose-P_v2-08[4]
- Essegbey97-07_Rose-P_v1-05[4]
- Essegbey97-07_Rose-P_v2-03[4]
- Essegbey97-07_Rose-P_v1-06[4]
- Essegbey97-07_Rose-P_v1-10[4]
- Essegbey97-07_Rose-P_v2-01[4]
- Essegbey97-07_Rose-P_v1-11[4]
- Essegbey97-07_Rose-P_v1-13[4]
- Essegbey97-07_Rose-P_v1-12[4]
- Essegbey97-07_Rose-P_v1-19[4]
- Essegbey97-07_Rose-P_v1-01[4]
- Essegbey97-07_Rose-P_v2-02[4]
- Essegbey97-07_Rose-P_v1-16[4]
- Essegbey97-07_Rose-P_v2-05[4]
- Essegbey97-07_Rose-P_v1-18[4]

[Load More](#)

- Nodes in the tree can be displayed in a single table.

Table (6)

Location.Address	Name	Description	Actors.Description	Location.Country	Date	References.Description	Title	Location.Continent
Unspecified -	Essegbey97-07_Rose-P_v1-07 -	-	-	Ghana -	1998-01-01 -	-	-	Africa -
Unspecified -	Essegbey97-07_Rose-P_v2-07 -	-	-	Ghana -	1998-01-01 -	-	-	Africa -
Unspecified -	Essegbey97-07_Rose-P_v1-17 -	-	-	Ghana -	1998-01-01 -	-	-	Africa -
Unspecified -	Essegbey97-07_Rose-P_v1-03 -	-	-	Ghana -	1998-01-01 -	-	-	Africa -
Unspecified -	Essegbey97-07_Rose-P_v2-09 -	-	-	Ghana -	1998-01-01 -	-	-	Africa -
Unspecified -	Essegbey97-07_Rose-P_v2-08 -	-	-	Ghana -	1998-01-01 -	-	-	Africa -



YAMS mobile application prototype

- YAMS can be used in a mobile browser.
- In the future may be available as a mobile application.
- Potentially a cloud based design in the future.

Name	Description	Title
Flemish regions -	Regions in Flanders -	Regions in Flanders -
Dutch regions -	-	Regions in the Netherlands -
Outside Flanders or the Netherlands -	Outside Flanders or the Netherlands -	Outside Flanders or the Netherlands -
unknown -	unknown -	unknown -

← → ↻ lux17.mpi.nl/ds/yaas2/ ☆

YAAS Web Prototype



Conclusion

- YAMS is a web based archive search tool
- Features:
 - Browsable corpus tree
 - Data tables for the fine details
 - Faceted tree (in progress)
 - Branch based searching (in progress)
 - Search results are shown in context (tree)
 - Preview of media and links directly to the source