ArchiveWeb:
working with web archive collections

Alexandria Workshop
2 November 2015
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Outline

- Field study (User Centred Design approach)
- Two scenarios
- Future work
Challenge

Improve the user experience when working with web archive collections
Web archive collections

Curated collections are:

- Focused rather than haphazard
- Informed by skilled selectors
- Guided by a collection development policy

What users?
Experts interviews

3-7 August 2015, Internet Archive, San Francisco

Purpose of the interview: collect and analyse requirements for building and using Web archive collections, to be used as important input for new algorithms and tools to improve Web archives.

Interviewees:
Colleagues from university libraries and similar institutions who are creating/curating Archive-It collections

Procedure: The interviews were conducted via Skype. Participants were asked open-ended questions.
Experts interviews

Questions

1) WHAT COLLECTIONS are built and what is the **MOTIVATION** for building these collections?

2) Who decides which collection is built and **who is responsible for SELECTING** which resources go into a specific collection?

3) Who are / could be **potential USERS** of a collection? Do you track the use of your collection?

4) Which **functionalities** are important for users who work with these collections when accessing Web Archive collections?

5) Are there any USER **interface** improvements which you and your users already have on their wish list?
Experts interviews
some results

1) WHAT COLLECTIONS are built and what is the MOTIVATION for building these collections?

Web Archiving seen as a tool for preserving:
- institutional memory, government websites, event-based collections
- resources that are only published online (e.g. digital art)....or in danger of disappearing from the web
- special collections: donations of materials from individuals or organizations
- facilitating learning and scholarship
Experts interviews
some results

2) Who decides which collection is built and who is responsible for SELECTING which resources go into a specific collection?

**Collaborative work**

- Individual *selectors* /subject specialists within the library are responsible for individual archiving requests or collections
- *web archivist* / curator (collection development librarians) are ultimately overseeing those collections as they have taken shape
- **CDE group** - In some cases topical collections are decided by a *collection development executive group*
- *External nominations* - workflow for allowing people to nominate websites.
Experts interviews
some results

3) Who are / could be potential USERS of a collection? Do you track the use of your collection?

- Selectors and curators themselves
- Specific University research community (e.g. individual faculty members)
  - professors collecting websites for their lessons
  - researchers analysing data for their Doctoral work
- Art, history and galleries staff who have been visiting the library and they are looking for a specific resource
- People who are looking for specific documents that have been removed from the government website
4) Which **FUNCTIONALITIES / Interface** are important for users who work with these collections when accessing Web Archive collections?

- **Full text search** (to improve *access* services)
- **User annotation** (also to leave a note TO users)
- **Visualization** of the data (overview of the collection (e.g. piece of art))
- **Multimedia** (videos)
Challenge

Improve the user experience
when working with web archive collections
Two scenarios

Digital Humanities scholar
A political scientist is interested in studying
- how various Human Rights organizations deal with the topic „migration“
- how specific approaches changed over time

Generic user (e.g. English language student)
A university student attends an English Language course where the topic is about the current situation of refugees in Europe. His task is to find related information to enrich the discussion with his peers.
Scenario 1: Digital Humanities scholar

Searching in Archive-It for „Human rights“
Human Rights Documentation Initiative

Collected by: University of Texas at Austin Libraries, Human Rights Documentation Initiative

Archived since: Apr, 2009

Description: The University of Texas Libraries' Human Rights Documentation Initiative Collection features fragile websites containing human rights documentation and related content from human rights organizations and advocates across the globe. Browse collection by topic, geographic area, language or do a keyword search at http://www.lib.utexas.edu/hrdl/hr_archive.

Subject: Society & Culture, Politics & Elections, Blogs & Social Media

Narrow Your Results

Sites for this collection are listed below. Narrow your results at left, or enter a search query below to find a site, specific URL or to search the text of archived webpages.

Subject

armed conflict and persecution-disappearances (2)
civil and political rights--women's rights (2)
advocacy, activism, and responses to persecution--activists (1)
advocacy, activism, and responses to persecution--archives, libraries, and museums (1)
advocacy, activism, and responses to persecution--non-governmental organizations (1)

Creator

Comisión de Derechos Humanos de El Salvador (CDHES) (1)
Human Rights for All (HRFA) (1)
University of Oxford. Department of International Development (1)

Published

Sort By: Creator (A-Z)

OSCAR

migration

The following results were found for the term: migration

- 3 Sites were found.
- Additional results for migration may be found by searching within the page text.

Title: Comisión de Derechos Humanos de El Salvador / Human Rights Commission of El Salvador

URL: http://cdhes.org.sv/


Subject: armed conflict and persecution--disappearances, advocacy, activism, and responses to persecution--activists, laws, justice, and judicial proceedings--accountability, advocacy, activism, and
<table>
<thead>
<tr>
<th>Title: Forced Migration Online: A World of Information on Human Displacement</th>
<th>URL: <a href="http://forcedmigration.org/">http://forcedmigration.org/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Description: In English. Research portal for electronic resources on forced migration. Includes list of journals, podcasts, videos, organizations, photographs, working papers, and events. Captured 14 times between Apr 29, 2009 and Jan 18, 2013</td>
<td>Videos: 73 Videos Captured</td>
</tr>
<tr>
<td>Subject: civil and political rights—freedom of religion, armed conflict and persecution—internally displaced persons, civil and political rights—women’s rights, armed conflict and persecution—displacement, economic, social, and cultural rights—economic and labor rights—labor laws, justice, and judicial proceedings—international law, economic, social, and cultural rights—social and cultural rights—identity, ethnic</td>
<td></td>
</tr>
<tr>
<td>Creator: University of Oxford: Department of International Development</td>
<td>Language: English</td>
</tr>
<tr>
<td>Publisher: University of Oxford: Department of International Development</td>
<td>Language: English</td>
</tr>
<tr>
<td>Source: <a href="http://forcedmigration.org">http://forcedmigration.org</a></td>
<td>Language: English</td>
</tr>
<tr>
<td>Coverage: Africa, Asia, Europe, North America, South America, Oceania, Latin America, Central America, Middle East</td>
<td>Language: English</td>
</tr>
<tr>
<td>Collector: UT Libraries</td>
<td>Language: English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title: Human Rights for All / Les Droits de L’Homme pour Tous</th>
<th>URL: <a href="http://www.fidh.org/-english-">http://www.fidh.org/-english-</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Description: In French, English, Spanish, and Arabic. FIDH aims at obtaining effective improvements in the protection of victims, the prevention of human rights violations and the sanction of their perpetrators worldwide. Focuses on human rights defenders, international justice, terrorism, death</td>
<td></td>
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</tbody>
</table>
Web Science – Investigating the Future of Information and Communication

You are viewing an archived web page, collected at the request of University of Texas at Austin Libraries, Human Rights Documentation Initiative using Archive.It. This page was captured on 14:32:54 Oct 12, 2015, and is part of the Human Rights Documentation Initiative collection. The information on this web page may be out of date. See All versions of this archived page. Note that this document was downloaded, and not saved because it was a duplicate of a previously captured version (10:06:42 Apr 7, 2015).

Forced Migration Online is a world of information on human displacement.

Forced Migration Online (FMO) is a home to a growing collection of free resources relating to refugees and forced migration. FMO is designed to be used by students, academics, practitioners, policy-makers, the media, forced migrants, or anyone else interested in the field of forced migration. By bringing together these useful and time-saving resources, we aim to support research and policy making in the field.
ArchiveWeb: 
working with web archive collections

- Collaborative search and sharing platform
- Building workable collections of resources
- Sharing collections between a group of people
- User annotations for resources in the form of tags and comments
- Flexibility to build your own personal archive
Scenario 1: Digital Humanities scholar

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Two scenarios

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Scenario 2: English language student

Search in Google for "refugees Europe"

- Six reasons why Syrians are fleeing to Europe in increasing numbers
  - The Guardian - 7 hours ago
  - Why are so many more refugees undertaking the long journey to Europe? UNCHR's Melissa ...
  - Rift on refugees spurs solidarity vs security risk to Europe’s unity
  - Reuters - 8 hours ago
  - Refugees will change Europe for the better
  - Al Jazeera America - 11 hours ago

- More news for refugees europe

- Images for refugees europe

- UNHCR - Europe
  - www.unhcr.org › Home › Where We Work
  - In addition to Syrian refugees, there are increasing arrivals in Europe from Afghanistan and Iraq. In Turkey alone, over 81,000 people from Iraq had arrived by ...

- European migrant crisis - Wikipedia, the free encyclopedia
  - Jump to Global refugee crisis - [edit]. See also: Refugees of the Syrian Civil War. Ten countries of origin (red) and asylum (green) of refugees ...

- Migrant crisis: Migration to Europe explained in graphics ...
  - 1 day ago - Migrant crisis: Migration to Europe explained in graphics ... Map: Syrian asylum claims in Europe and registered refugees in the Middle East ...

- Asylum Seekers Europe
  - www.msf.org.au
  - Latest News & Updates

- Refugee Aid Europe
  - www.conrad.org/
  - Cordaid helps thousands of refugees in Serbia and Greece. Donate now!

- Powerful Image of Crisis
  - www.fairobserver.com/
  - Syrian refugee crisis lands ashore? Learn more about Aylan Kurdi, 3.

- Refugee Crisis
  - www.prisonersofconscience.org/
  - Urgent Relief Grants For Prisoners of Conscience In Exile

- Syrian refugee crisis
  - www.medair.org/
  - Donate now to help Syrian refugees
  - Your gift will save lives

- Refugee Women Need You
  - www.womensrefugeecommission.org/
  - We know how to help refugee women.
  - Learn more or support our work.

- Videos by Iraq refugees
  - www.northernmonday.com/
  - View short films by Iraq refugees.
  - Visit our free video library

- Help refugees from Syria
  - www.jrusa.org/
  - See how Jesuit Refugee Service aids the vulnerable in Syria’s conflict
Scenario 2: English language student
Searching in LearnWeb for „refugees Europe“

Khal Adath Jeshurun
resource.js?resource_id=139756
In the late 1930s, driven out of Europe by Hitler and his followers, a small number of German refugees who had settled in the Washington Heights section of New York joined together to establish a
Options: Copy to... Group: Burke Library New York City Religions.

Ukrainian Helsinki Human Rights Union
resource.js?resource_id=142986
establishment are realization and protection of rights and freedoms by promoting practical implementation of humanitarian articles of the Final Act of the Conference for Security and Cooperation in Europe (CSCE)
Options: Copy to... Group: Human Rights (HR).

The Migrants' Voices (teaching unit)
resource.js?resource_id=70675
vocabori a partire dai contesto ed estendere l'uso facendo altri esempi (20 min.); 6 July 2013 Last updated at 09:47 GMT (http://www.bbc.co.uk/news/world/europe/23024910) Pope Francis visits Italy's
Options: Copy to... Group: Materials and Projects for TELL.

The Refugees' Journey Through Europe - The New York Times
I spent two weeks documenting the experiences of refugees and migrants as they traveled through five countries in Europe. This is what I saw.
Options: Copy to...

Home - European Council on Refugees and Exiles
http://ecre.org/
Mission Statement: The European Council on Refugees and Exiles (ECRE) is a pan-European alliance of 90 NGOs protecting and advancing the rights of refugees, asylum ...
Options: Copy to...

Pressure Points » Jews and Refugees in Europe
Does the arrival of hundreds of thousands of Muslim refugees in Europe pose a threat to Jews who live there? Prof. Daniel Bayman (of Brookings and ...
**Web Science – Investigating the Future of Information and Communication**

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Future Work

- Full text search and corresponding ranking
- Better management of very large collections
- Better management of very large groups (folders)
- Multimedia (videos)
DEMO

„ArchiveWeb: working with web archive collections”
Trevor Fernando Zeon

Monday, 2. November 2015
16:45 – 18:00
Alexandria Reception and Demonstrations
Questions / suggestions?

DEMO

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Trevor Fernando Zeon

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mareni@L3S.de