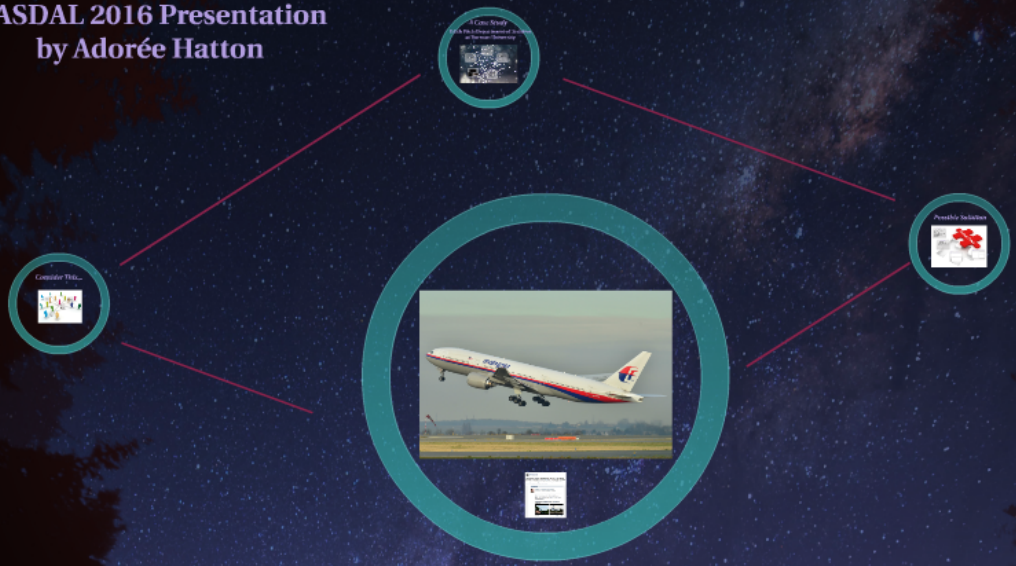
ASDAL 2016 Presentation
by Adorée Hatton



Ephemeral to Enduring:

The Role of Archival Software in a Digital World

Thank you!
Any Questions?

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Ephemeral to Enduring:

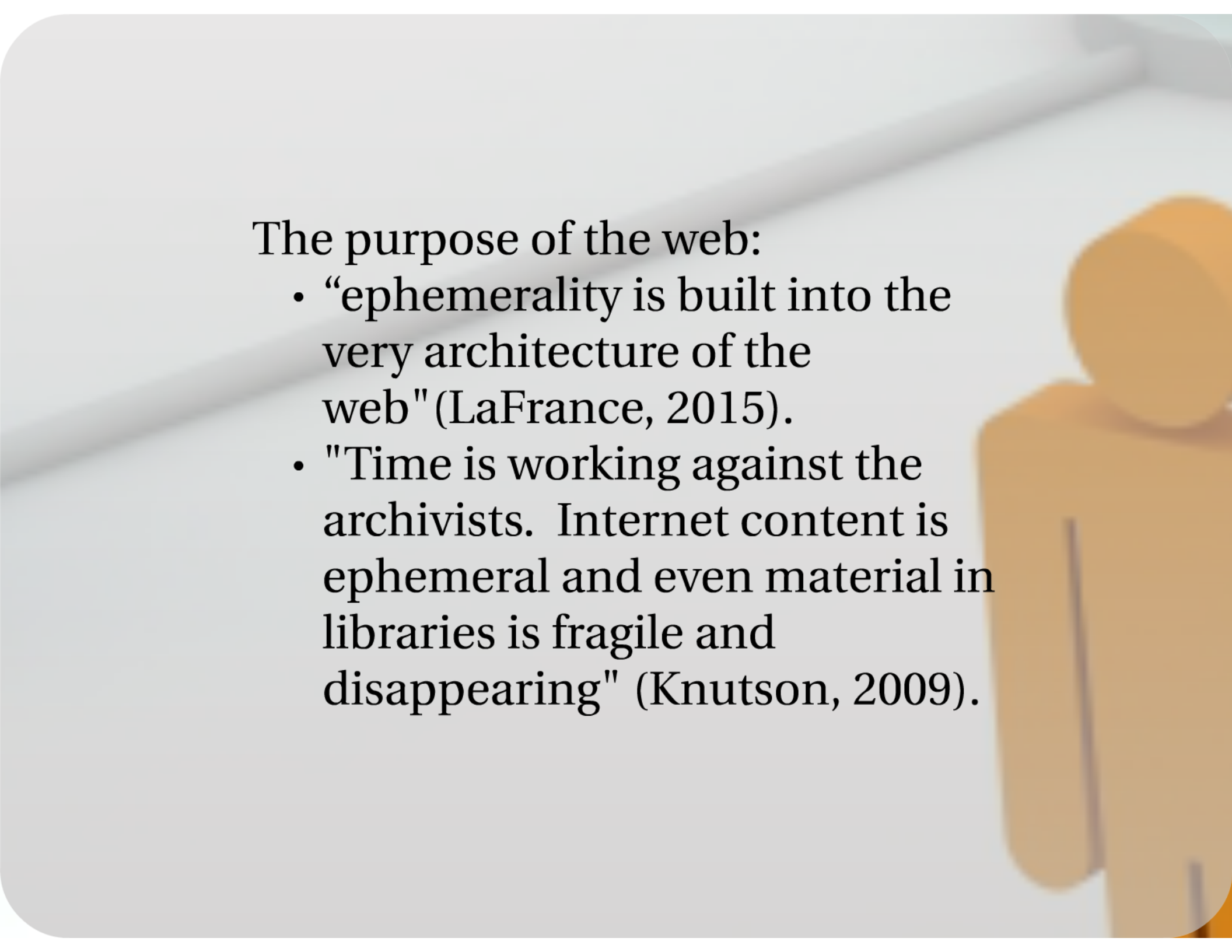
The Role of Archival Software in a Digital World

Malaysia
9M-MRO

Consider This...

The purpose of the web:

- “ephemerality is built into the very architecture of the web"(LaFrance, 2015).
- "Time is working against the archivists. Internet content is ephemeral and even material in libraries is fragile and disappearing" (Knutson, 2009).



Digital Life Span

- On average, a webpage will only last 100 days
- Digital data (even backups) disappear quickly.

Link or Reference Rot

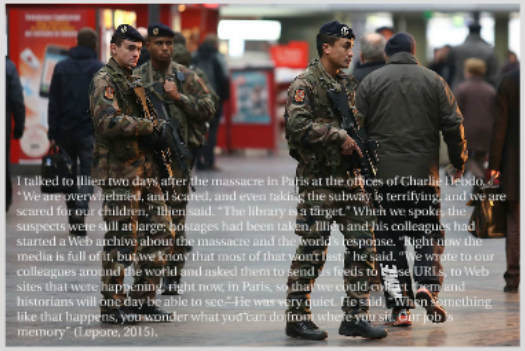
- "Nearly half of all Supreme Court decisions up to [2013] and more than 70 percent of law journals from 1999 to 2012 referred to Web pages that no longer existed"

Lack of Preservation

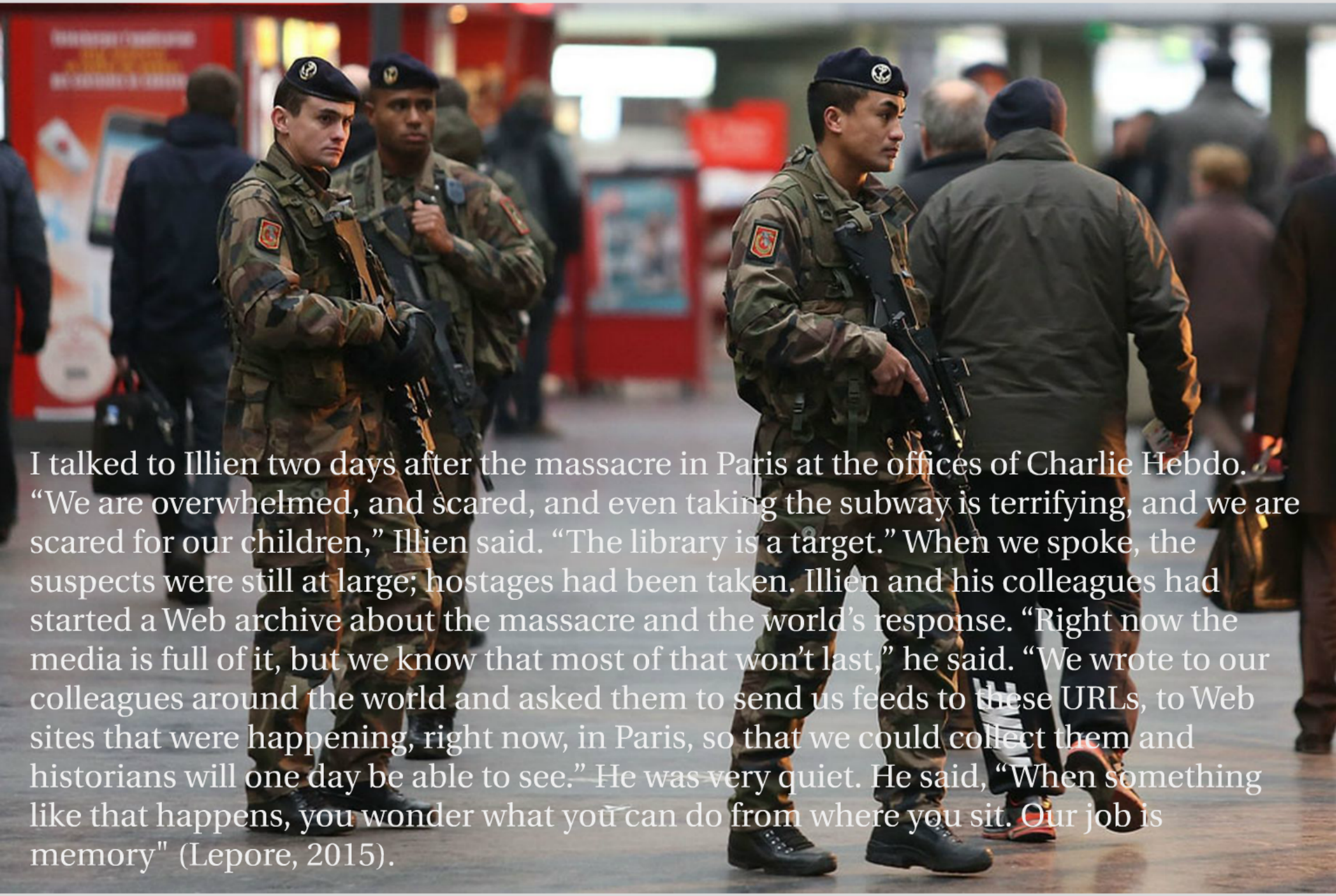
- The Library of Alexandria was destroyed -- "and not by technology, or a lack of it, but by people" (LaFrance, 2015).
- "Information in digital form—the evidence of the world we live in—is more fragile than the fragments of papyrus found buried with the Pharaohs" (Hamid, 1998).
- "Preservation requires…actively managing data at intervals, as opposed to just storing and ignoring it" (Venkataraman, 2015).

The purpose or role of Archives:

"Archival materials…serve as evidence against which individual and social memory can be tested. Archivists preserve such primary sources to enable us to better comprehend the past, understand the present, and prepare for the future" (Elia, 2015).



"Archivists face serious decisions, choices, and challenges as they consider which content, which media…will combine to constitute the historical record—a global time capsule of sorts—of yesterday and today" (Hamid, 1998)



I talked to Illien two days after the massacre in Paris at the offices of Charlie Hebdo. "We are overwhelmed, and scared, and even taking the subway is terrifying, and we are scared for our children," Illien said. "The library is a target." When we spoke, the suspects were still at large; hostages had been taken. Illien and his colleagues had started a Web archive about the massacre and the world's response. "Right now the media is full of it, but we know that most of that won't last," he said. "We wrote to our colleagues around the world and asked them to send us feeds to these URLs, to Web sites that were happening, right now, in Paris, so that we could collect them and historians will one day be able to see." He was very quiet. He said, "When something like that happens, you wonder what you can do from where you sit. Our job is memory" (Lepore, 2015).

The purpose or role of Archives:

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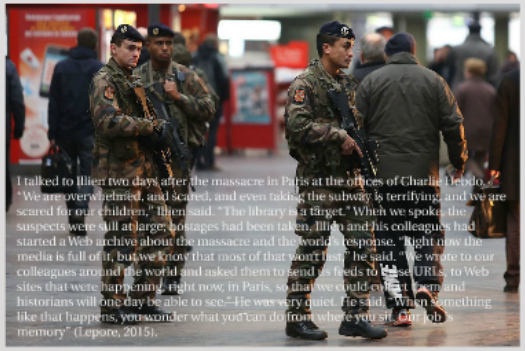

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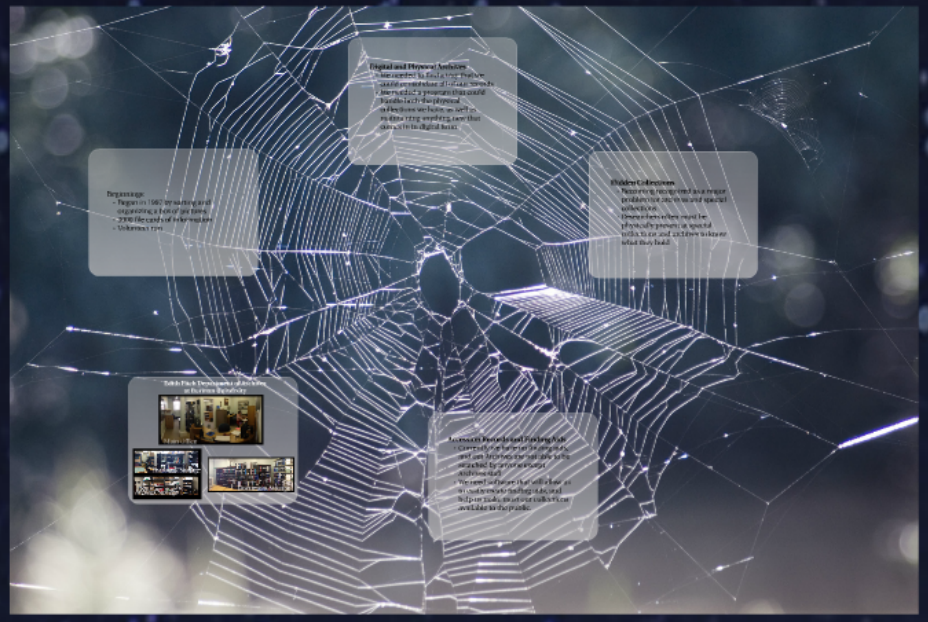
A Case Study

Edith Fitch Department of Archives at Burman University



Beginnings:

- Began in 1997 by sorting and organizing a box of pictures
- 3000 file cards of information
- Volunteer run

Edith Fitch Department of Archives at Burman University

Main Office

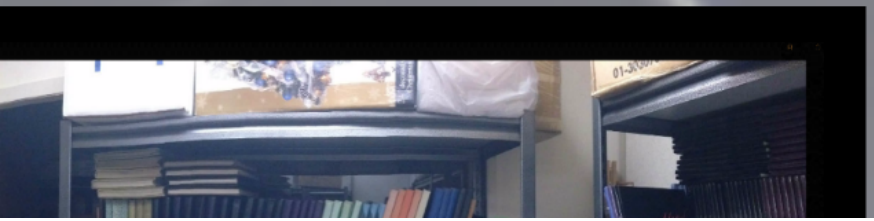
Yearbook Storage

Artifact Storage

Document Storage

Edith Fitch Department of Archive
at Burman University

Main Office



Document Storage

Yearbook Storage

Artifact Storage

Digital and Physical Archives

- We needed to find a way that we could consolidate all of our records
- We needed a program that could handle both the physical collections we have, as well as maintaining anything new that comes in in digital form

Accession Records and Finding Aids

- Currently we have no finding aids, and out Archives are not able to be searched by anyone except Archives staff
- We need software that will allow us to easily create finding aids, and help us make most our collections available to the public.

Hidden Collections

- Becoming recognized as a major problem for archives and special collections
- Researchers often must be physically present at special collections and archives to know what they hold

Possible Solution

Considerations when reviewing software for Archives:

- Are there collections to manage other than archival records?
- Which features do you need?
- How much customization will be required and how is it going to be done?
- Open source or proprietary software?
- How sustainable is the software?
- What kind of support is available?
- How much does the software cost?
- To what degree do you want to private public access to your collections?
- Do you want to automate the processing and description of collections?
- Is it hosted by a company or your local institution?
- Support for archival standards?
- Web-based vs. desktop client?
- Support for linking to digital objects?
- Reliability and Maturity

Decision Time

What software did we decide on?

- When we have the opportunity to implement, we will be going with Collective Access.
- If we have the ability at a later time, I would also like to adopt archival services through Archive-It.

Why I chose Collective Access

Acquisition Methods

The Edith Fitch Department of Archives accepts acquisitions of items and collections through the following methods:

- Internal transfer: the Edith Fitch Department of Archives will accept transfer of University records from departments wishing to donate.
- Donation: items and collections under consideration for donation to the Edith Fitch Department of Archives must comply with the acquisition criteria of the relevant collection category and be subject to the terms of a Burman University Donation Agreement.
- Loan: all incoming loans, once approved by the loaning institutions or persons, will be subject to the terms of the Burman University Loan Agreement.
- Purchase: records of exceptional value to the University may be purchased subject to the approval of the Edith Fitch Department of Archives and supervisors, and the availability of acquisition funds.

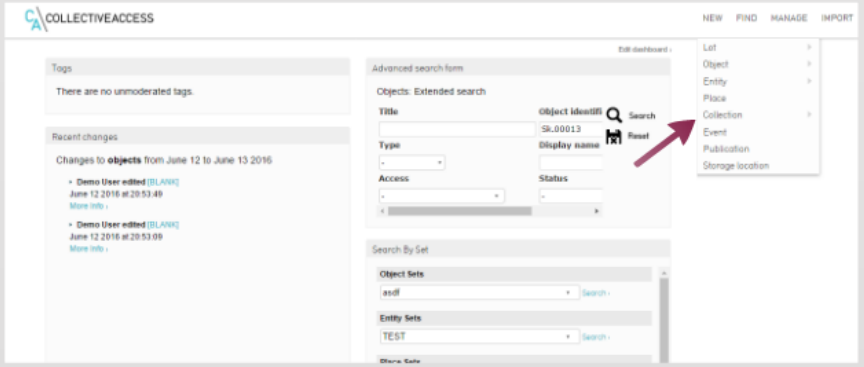
Subject Areas Collected

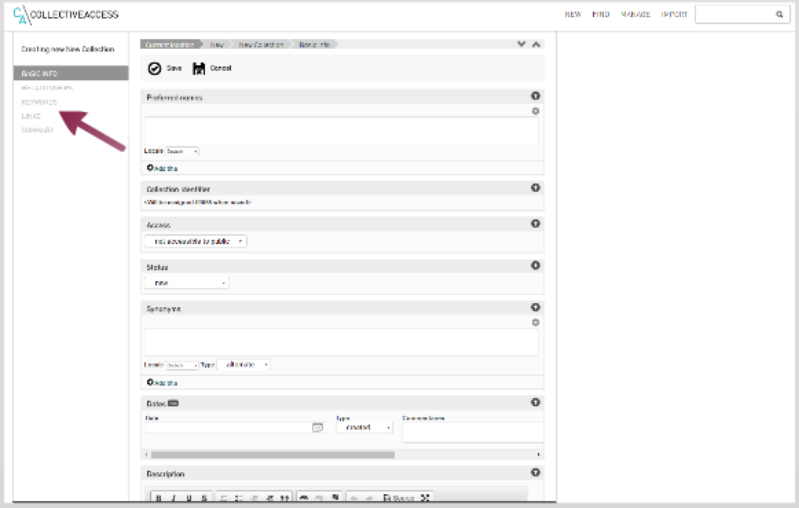
Alumni and Faculty History

The Edith Fitch Department of Archives attempts to keep records regarding former students, graduates, and faculty, in order to provide history and interesting information to those who require it such as the Advancement Office.

Current collections include:

1. Alumni Information
    a. Events
    b. Successes, Awards
    c. Biographies
    d. Marriages, Births, Deaths
2. Faculty Information
    a. Events
    b. Successes, Awards
    c. Biographies
    d. Marriages, Births, Deaths





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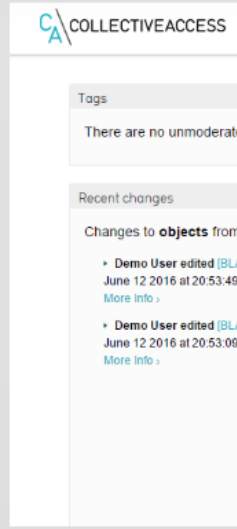
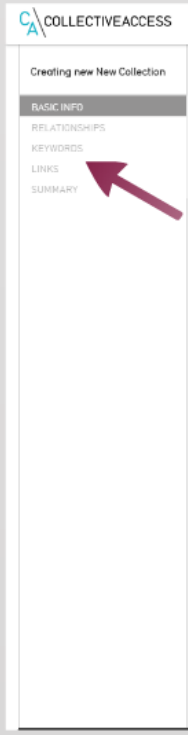
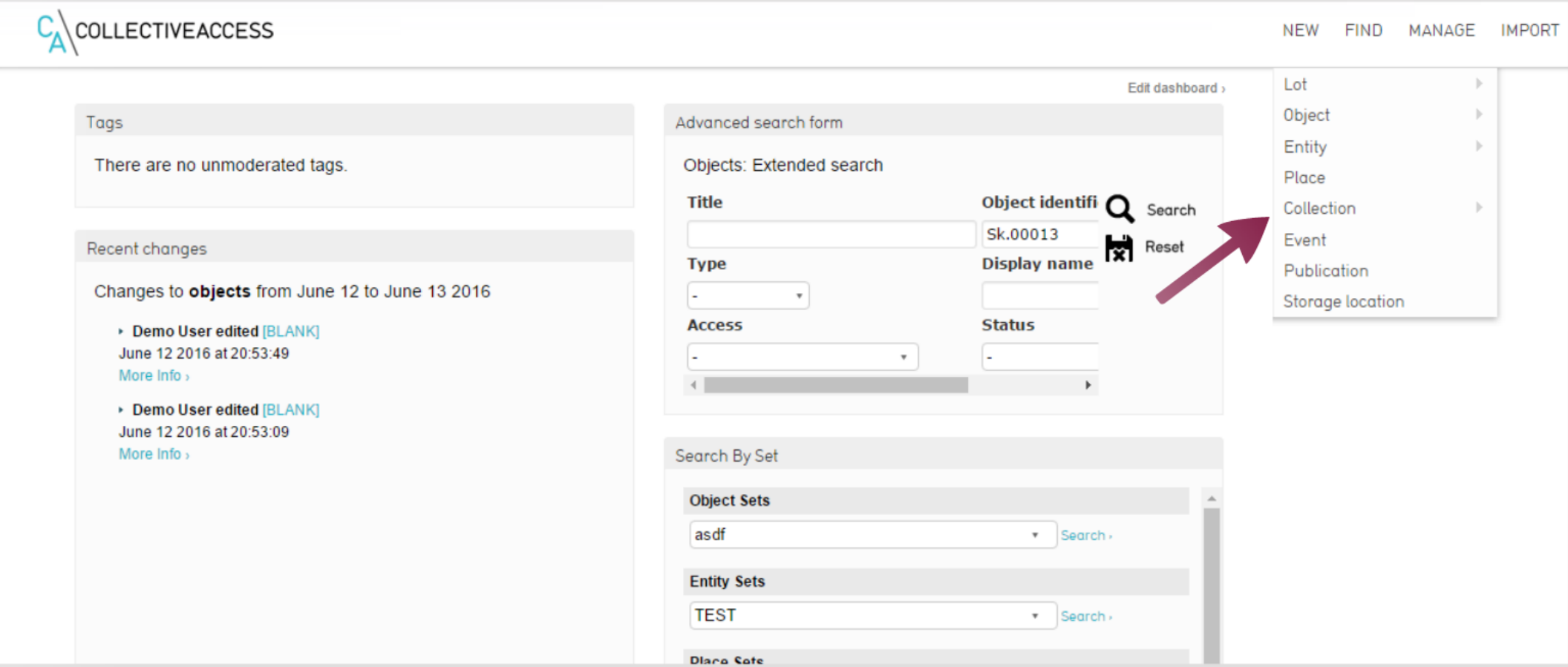
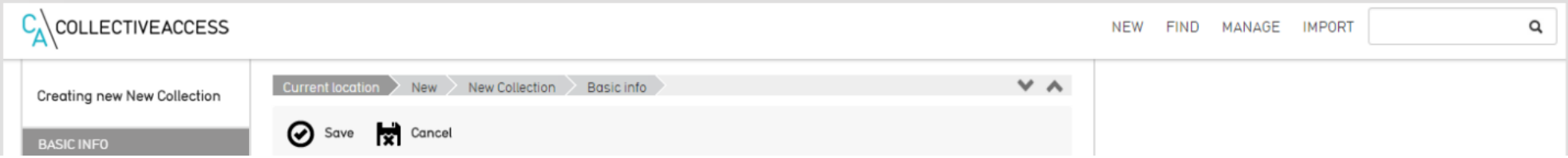
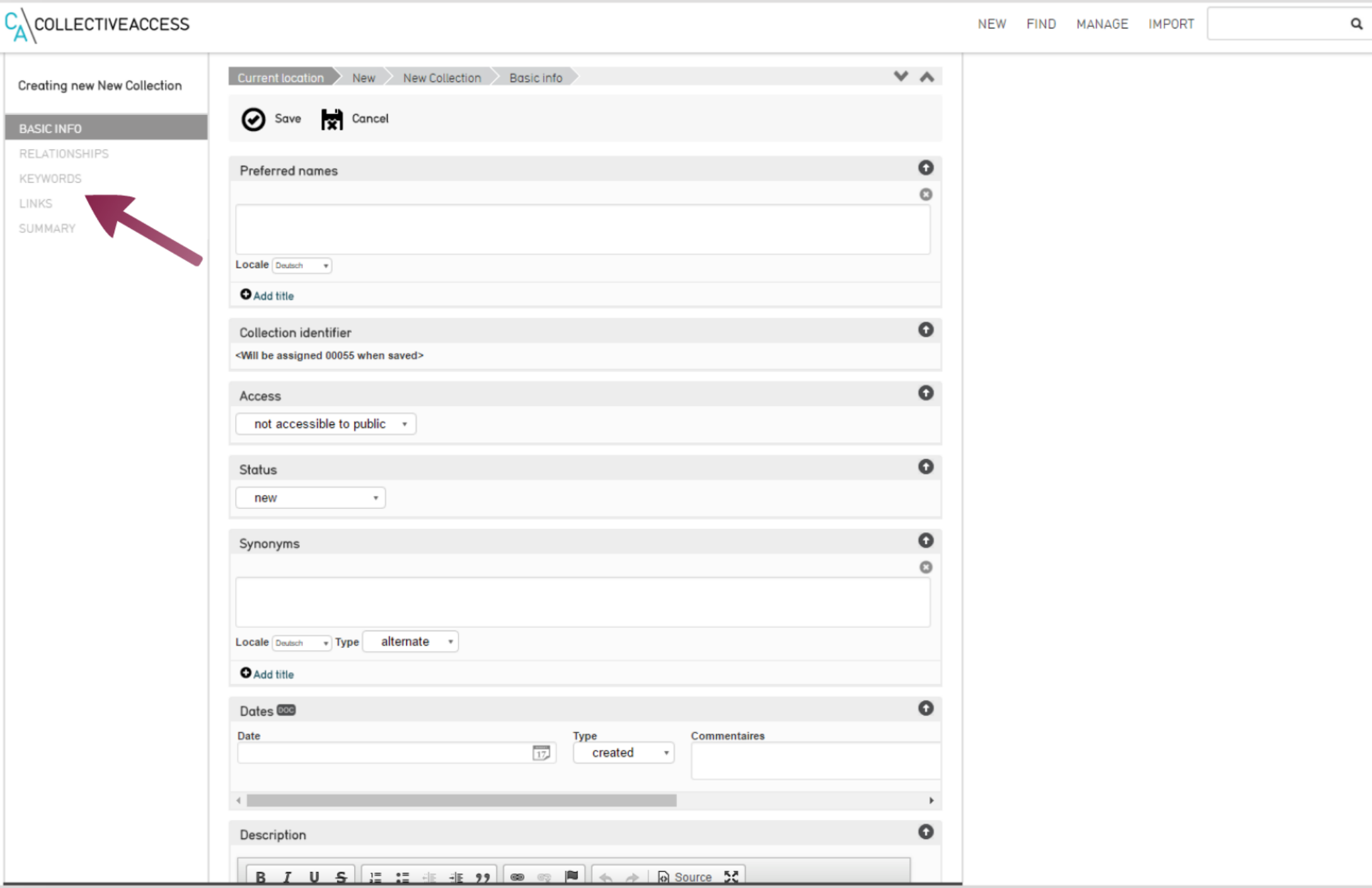
    b. Successes, Awards
    c. Biographies
    d. Marriages, Births, Deaths






COLLECTIVEACCESS
NEW
FIND
MANAGE
IMPORT
Edit dashboard ›
Tags
There are no unmoderated tags.
Recent changes
Changes to objects from June 12 to June 13 2016
Demo User edited [BLANK]
June 12 2016 at 20:53:49
More Info ›
Demo User edited [BLANK]
June 12 2016 at 20:53:09
More Info ›
Advanced search form
Objects: Extended search
Title
Object identifi
Sk.00013
Search
Reset
Type
Display name
Access
Status
Search By Set
Object Sets
asdf
Search ›
Entity Sets
TEST
Search ›
Lot
Object
Entity
Place
Collection
Event
Publication
Storage location


COLLECTIVEACCESS
NEW
FIND
MANAGE
IMPORT
Creating new New Collection
BASIC INFO
Current location
New
New Collection
Basic info
Save
Cancel


COLLECTIVEACCESS
NEW
FIND
MANAGE
IMPORT
Creating new New Collection
BASIC INFO
RELATIONSHIPS
KEYWORDS
LINKS
SUMMARY
Current location
New
New Collection
Basic info
Save
Cancel
Preferred names
Locale
Deutsch
Add title
Collection identifier
<Will be assigned 00055 when saved>
Access
not accessible to public
Status
new
Synonyms
Locale
Deutsch
Type
alternate
Add title
Dates
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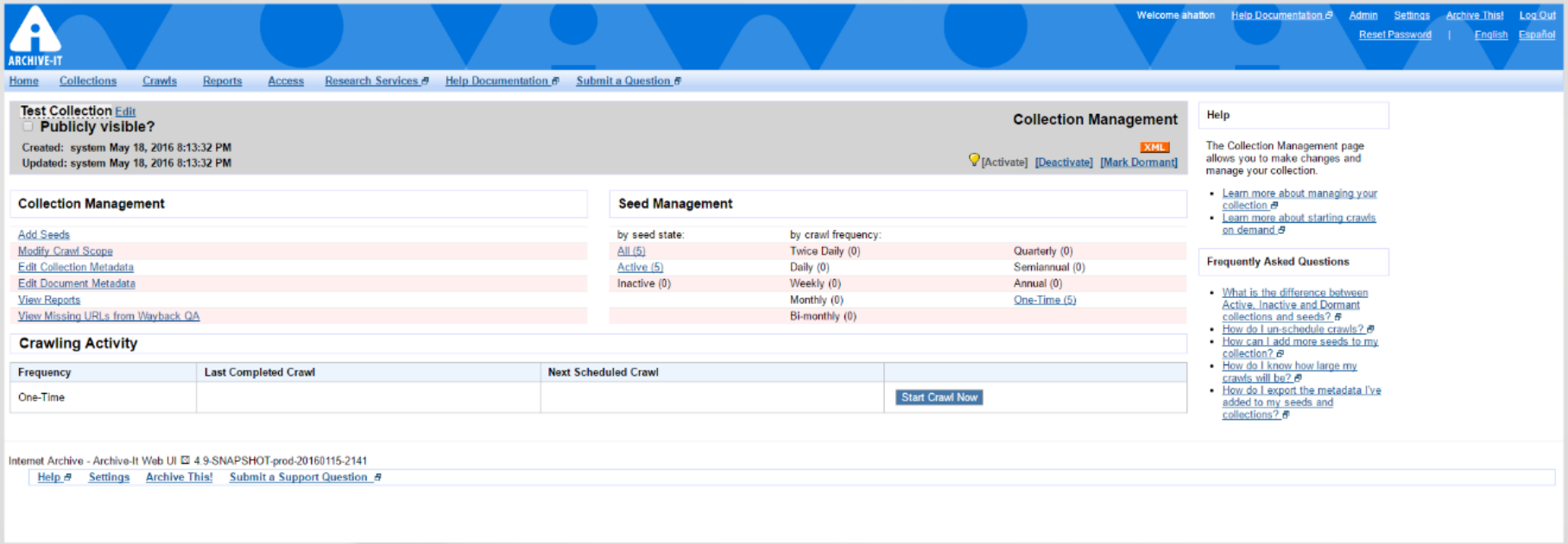
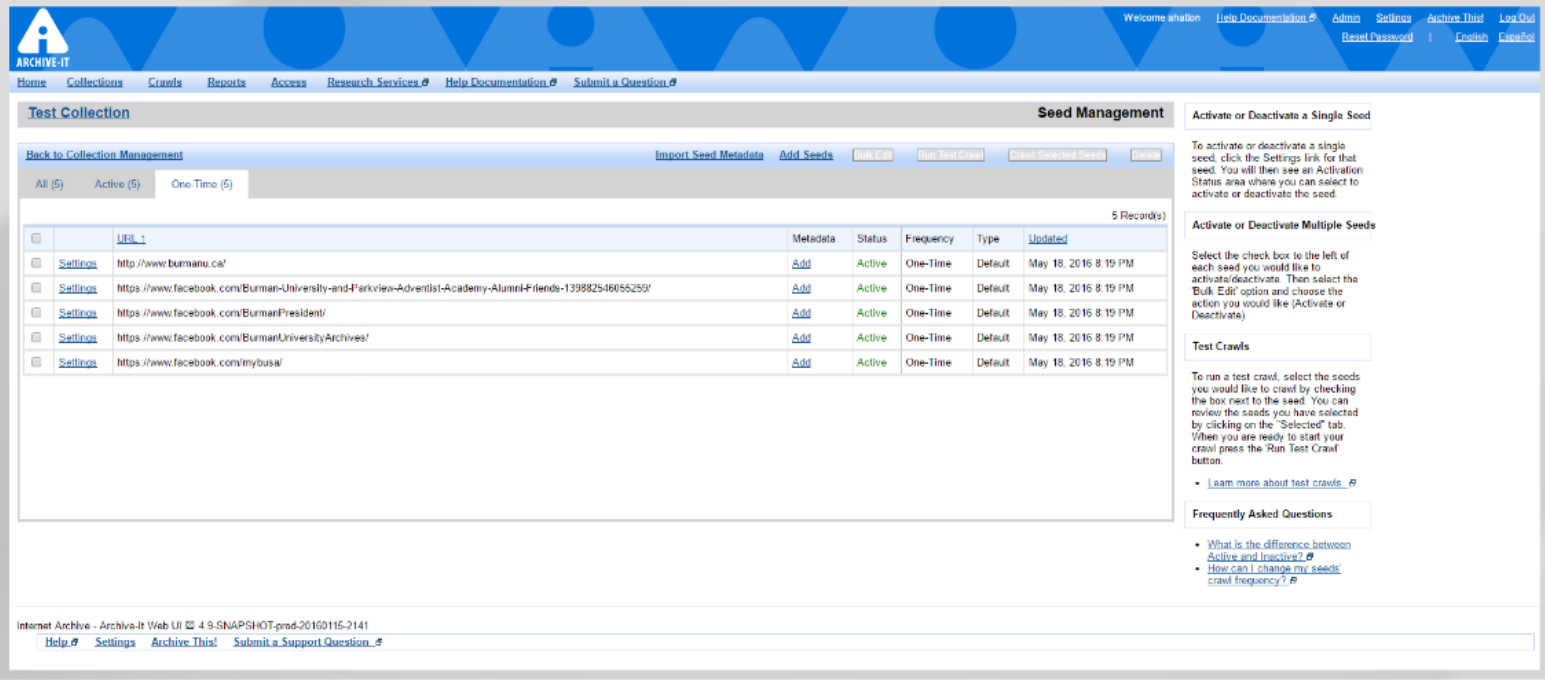
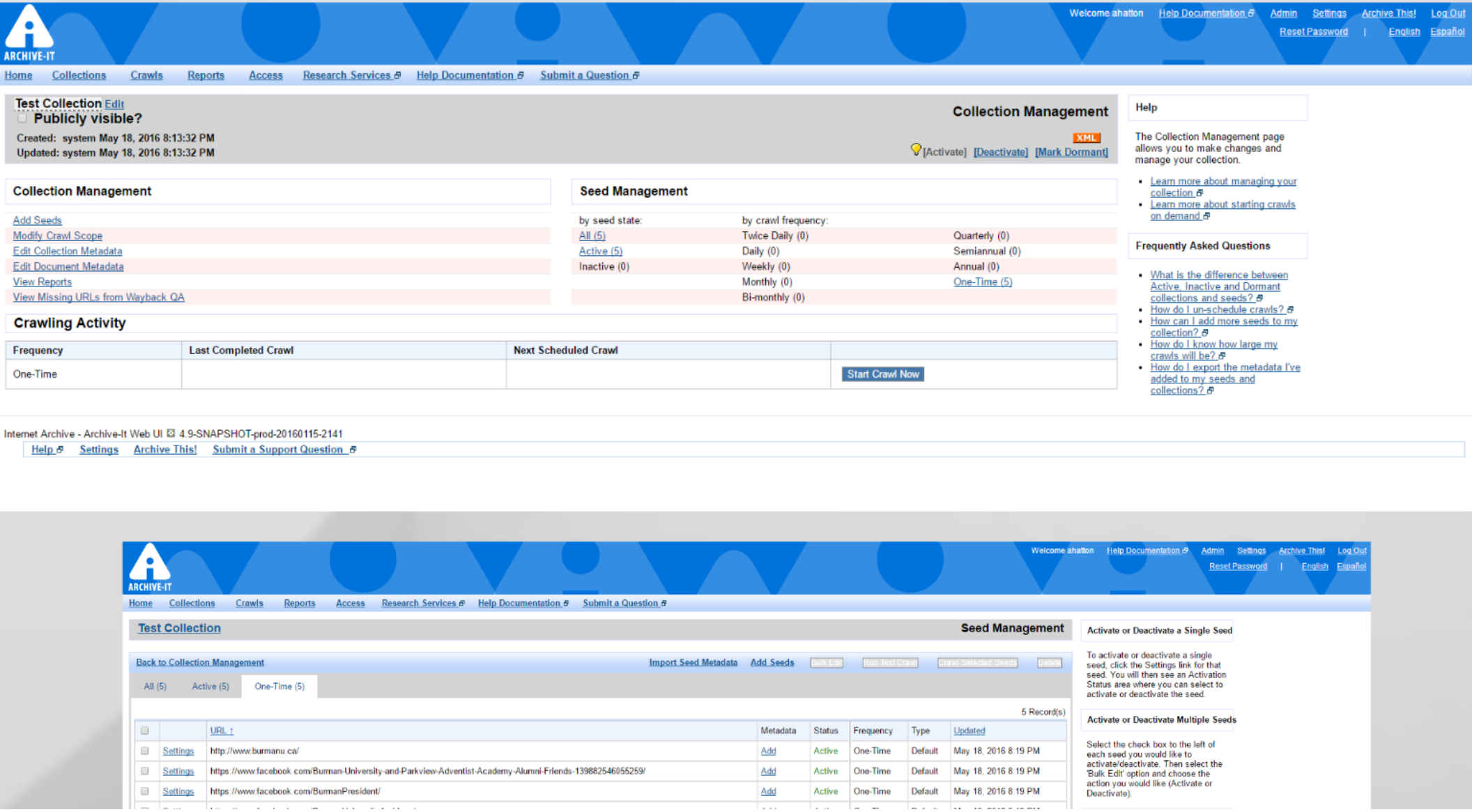
Date
Type
created
Commentaires
Description
Source

Why I chose Archive-It:





Why I chose Archive-It:



	Last Completed Crawl	Next Scheduled Crawl	
			Start Crawl Now

- How do I know how large my crawls will be?
- How do I export the metadata I've added to my seeds and collections?

t Web UI 4.9-SNAPSHOT-prod-20160115-2141

Archive This! Submit a Support Question

ARCHIVE-IT

Welcome ahatton Help Documentation Admin Settings Archive This! Log Out
Reset Password | English Español

Home Collections Crawls Reports Access Research Services Help Documentation Submit a Question

Test Collection

Seed Management

Back to Collection Management | Import Seed Metadata | Add Seeds | Bulk Edit | Run Test Crawl | Crawl Selected Seeds | Delete

All (5) Active (5) One-Time (5)

5 Record(s)

		URL ↑	Metadata	Status	Frequency	Type	Updated
	Settings	http://www.burmanu.ca/	Add	Active	One-Time	Default	May 18, 2016 8:19 PM
	Settings	https://www.facebook.com/Burman-University-and-Parkview-Adventist-Academy-Alumni-Friends-139882546055259/	Add	Active	One-Time	Default	May 18, 2016 8:19 PM
	Settings	https://www.facebook.com/BurmanPresident/	Add	Active	One-Time	Default	May 18, 2016 8:19 PM
	Settings	https://www.facebook.com/BurmanUniversityArchives/	Add	Active	One-Time	Default	May 18, 2016 8:19 PM
	Settings	https://www.facebook.com/mybusa/	Add	Active	One-Time	Default	May 18, 2016 8:19 PM

Activate or Deactivate a Single Seed

To activate or deactivate a single seed, click the Settings link for that seed. You will then see an Activation Status area where you can select to activate or deactivate the seed.

Activate or Deactivate Multiple Seeds

Select the check box to the left of each seed you would like to activate/deactivate. Then select the 'Bulk Edit' option and choose the action you would like (Activate or Deactivate).

Test Crawls

To run a test crawl, select the seeds you would like to crawl by checking the box next to the seed. You can review the seeds you have selected by clicking on the "Selected" tab. When you are ready to start your crawl press the 'Run Test Crawl' button.

- Learn more about test crawls.

Frequently Asked Questions

- What is the difference between Active and Inactive?
- How can I change my seeds' crawl frequency?

Internet Archive - Archive-It Web UI 4.9-SNAPSHOT-prod-20160115-2141

Help Settings Archive This! Submit a Support Question

malaysia

Internet Archive
17 hours ago

Captured by our Wayback Machine on July 17 at 15:22:22 was this page from a Pro-Russian Rebel group in the Ukraine. It suggests the group shot down a plane they thought was a Ukranian military plane. Later when #MH17 #MalaysiaAirlines ca... See More

1306 записей

Сводки от Стрелкова Игоря Ивановича
17.07.2014 17:50 (мск) Сообщение от ополчения.

"В районе Тореза только что сбили самолет Ан-26, валяется где-то за шахтой "Прогресс".
Предупреждали же - не летать в "нашем небе".
А вот и видео-подтверждение очередного "птичкопада".
Птичка упала за террикон, жилой сектор не зацепила. Мирные люди не пострадали.

А также еще есть информация о втором сбитом самолете, вроде бы Су."

час назад 217 1073

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Thank you!
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Bibliography:

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