Sharing session

DIGITAL HUMANITIES AND LIBRARIES

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Outline

1 What is DH?

2 Why do we want to get involved?

3 Are libraries actually participating?

4 What have HKBU Lib done so far?

5 How is a DH project carried out at HKBU?

What's DH?

"…DH today is about **a scholarship (and a pedagogy)** that is publicly visible in ways to which we are generally unaccustomed, a scholarship and pedagogy that are bound up with infrastructure in ways that are **deeper and more explicit** than we are generally accustomed to, a scholarship and pedagogy that are **collaborative** and **depend on networks of people** and that live an **active 24/7 life online**."

1

2

3

Kirschenbaum, M. (2010). What is Digital Humanities and what's it doing In English Departments? *ADE Bulletin, 150.* Retrieved from https://mkirschenbaum.files.wordpress.com/2011/03/ade-final.pdf

What's DH?

"Current digital humanities projects are using tools like **3-D mapping**, **electronic literary analysis**, **digitization**, and advanced **visualization techniques** in interdisciplinary research that aims to shed new light on humanities research. …creators and users **experiment and interact with source materials** in ways that **yield new findings**, while also **facilitating community building** and **information sharing**."

1

2   3

Stanford Humanities Center. (2015). *Digital Humanities.* Retrieved from http://shc.stanford.edu/digital-humanities

What's DH?

Using digital technologies…

- To extend the life of scholarly sources & facilitate information sharing
  - Open access only? **YES!**
  - Support all disciplines? **YES!**

- To serve as research / teaching tools
  - Support research or teaching only? **YES!**
  - Library-Faculty collaboration only? **YES!**
  - Digitization of library collections count? **Depends**

- To help yield new findings

Why do we want to get involved?

Literature Review

- DH is "the next big thing" in higher education

  Parry, M. (2014). How the humanities compute in the classroom. *The Chronicle of Higher Education.* Retrieved from http://chronicle.com/article/How-the-Humanities-Compute-in/143809/

- DH is one of the seven top trends in academic libraries

  Association of College and Research Libraries, Research Planning and Review Committee (2014). Top trends in academic libraries: A review of the trends and issues affecting academic libraries in higher education. *College & Research Libraries News, 75(6), 294-302.*

- DH is reconnecting scholars and libraries. "Ignoring this trend could sever those relationships and position the library more as a museum than as an integral contributor to scholarship"

  Schaffner, J., & Erway, R. (2014). *Does every research library need a digital humanities center?*. Retrieved from OCLC Research website: http://www.oclc.org/content/dam/research/publications/library/2014/oclcresearch-digitalhumanities-center-2014.pdf

Why do we want to get involved?

Literature Review

- 83% of responding ARL members supported digital humanities projects

Bryson, T., Posner, M., Pierre, A. St., & Varner, S. (2011). *SPEC kit 326: Digital humanities*. Washington, DC: Association of Research Libraries.

- All 8 JULAC libraries indicated that supporting DH is important in their current planning

Wong, S. H. R. & Li, H. P. (2015). An assessment of readiness for supporting digital humanities in Hong Kong academic libraries: Evaluating the potential for program development and international collaboration. In K. Sacco, S. Richmond, S. Parme & K. F. Wilkes (Eds.), *Supporting digital humanities for knowledge acquisition in modern libraries*. Hershey: IGI Global.

Why do we want to get involved?

Good for the academia

- Reduce duplication of source material / data collection

- Promote potential new uses of source materials / data

- Provide important sources for education

How Robotics Research Keeps...

Re-Inventing the Wheel

First, someone publishes...
...a paper with a proof-of-concept robot.
This prompts another lab to try to build on this result...
...but they can't get any details on the software used to make it work...
...and they write code that barely works but lets them publish...
But inevitably, time runs out...
...and countless sleepless nights are spent writing code from scratch.
So, a grandiose plan is formed to write a new software API...
...and all the code used by previous lab members is a mess.

Why do we want to get involved?

Good for the stakeholders

- Raise the visibility of the university and the department
- Promote the research and its outcomes
- Provide a direct credit to the sources
- Lead to new collaborations

CONFERENCE PAPER

CONFERENCE PAPER
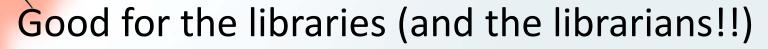
ARTICLE

Assistant Professor, History

HISTORY IN DATA (http://digital.lib.hkbu.edu.hk/history/

96,654 views!

Why do we want to get involved?

Good for the libraries (and the librarians!!)

- Enhance our visibility on campus

- Attract faculty's attention

- **Directly engage in the core business of our faculty**

- Spread by word of mouth

- Enhance our value and bargaining power

Why do we want to get involved?

Good for the libraries (and the librarians!!)

- Grants approved
  - Teaching Development Grant X 3
  - Faculty Research Grant X 1
  - Conference grant X 1
  - "Digital Scholarship Grant" sponsored by Research Committee

- Co-publication
  - Article X 1
  - Book chapter   X 1

Why do we want to get involved?

Good for the libraries (and the librarians!!)
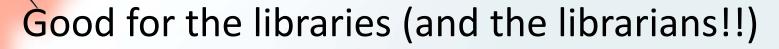
- Teaching
  - A required Year 1 course of the SSCD
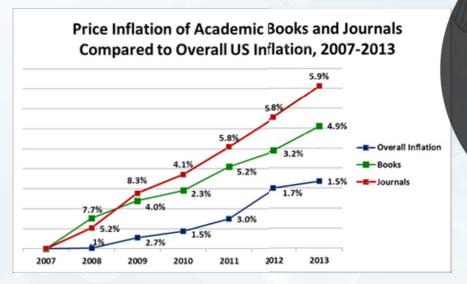
- Media Coverage
  - Campus magazines X 4
  - Local newspapers X 6

- Many other presentation & collaboration opportunities…
- Learn a lot…
- Make many friendships…

Why do we want to get involved?

Good for the general public

- Open exchange of ideas
- Open content
- Transparency

Price Inflation of Academic Books and Journals Compared to Overall US Inflation, 2007-2013

5.9%
5.8%
5.8%
4.1%
8.3%
7.7%
5.2%
1%
2.7%
1.5%
3.0%
1.7%
1.5%
4.9%
3.2%
5.2%
2.3%
4.0%

- Overall Inflation
- Books
- Journals

2007 2008 2009 2010 2011 2012 2013

"to **democratize** knowledge to reach out to 'publics,' share academic discoveries, and invite an array of audiences to participate in knowledge production"

Bridget Draxler, et al.

Spiro, L. (2012). "This is why we fight": Defining the values of the digital humanities. In K.G. Matthew (Ed.), *Debates in the Humanities* (pp.16-35). Retrieved from http://dhdebates.gc.cuny.edu/debates/text/13
Draxler, B, et al. (2009, September 21). Democratizing Knowledge. *HASTAC*. Retrieved from https://www.hastac.org/initiatives/hastac-scholars/scholars-forums/democratizing-knowledge
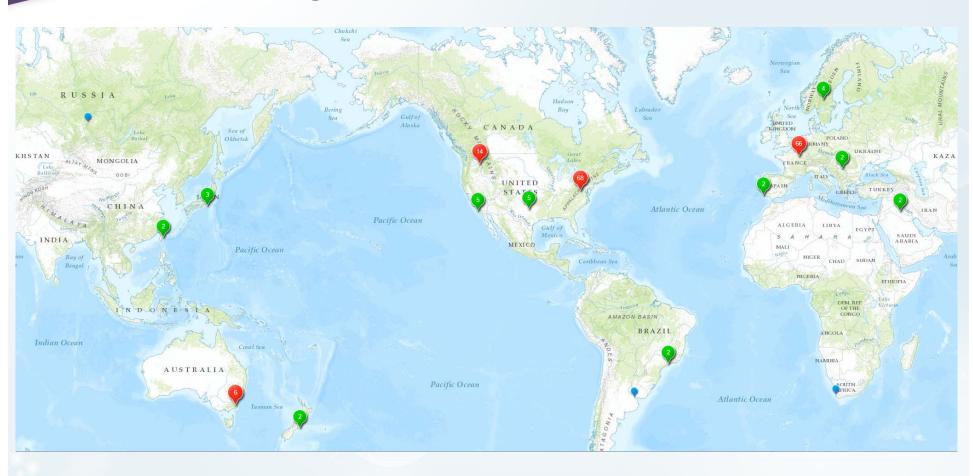Chart taken from UC Santa Barbara Library: http://www.library.ucsb.edu/collection-development/budget-challenges

Are libraries actually participating?

Digital Humanities Centers

- centerNet has a list of digital humanities centers

- 188 centers currently

- http://www.dhcenternet.org/centers

Are libraries actually participating?

Digital Humanities Centers

Are libraries actually participating?

Authorship Study

Digital Humanities Quarterly
2007 – current
The Alliance of DH Organizations
FREE

Digital Scholarship in the Humanities
Literary & Linguistic Computing
1986 – current
Oxford University Press

International Journal of Humanities & Arts Computing
1994 – current
Edinburgh University Press

Are libraries actually participating?
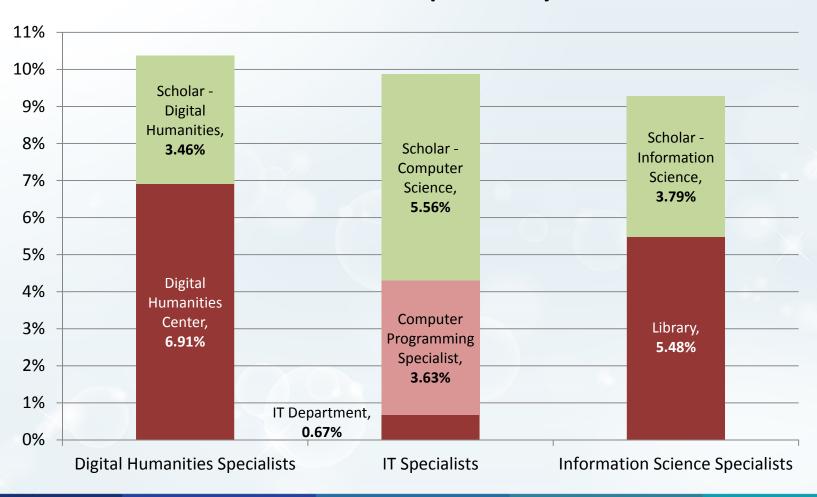
Authorship Study

Journal of Digital Humanities
2011 – current
George Mason University
FREE

Journal of the Text Encoding Initiative
2011 – current
Text Encoding Initiative Consortium
FREE

Are libraries actually participating?

Authorship Study

Stacked bar chart with y-axis ranging from 0% to 11%.

Digital Humanities Specialists
- Scholar - Digital Humanities, **3.46%**
- Digital Humanities Center, **6.91%**

IT Specialists
- Scholar - Computer Science, **5.56%**
- Computer Programming Specialist, **3.63%**
- IT Department, **0.67%**

Information Science Specialists
- Scholar - Information Science, **3.79%**
- Library, **5.48%**

What Have HKBU Lib Done?

2 — Creative Writings

1 — Journalism

1 — Geography

2 — Language

4 — Chinese Medicine

1 — English

1 — Philosophy & Religion

1 — Music

4 — Film

1 — Visual Arts

1 — Communication

3 — History

12 Academic Departments (41%)

29 Academic Departments

What Have HKBU Lib Done?

Project Types:
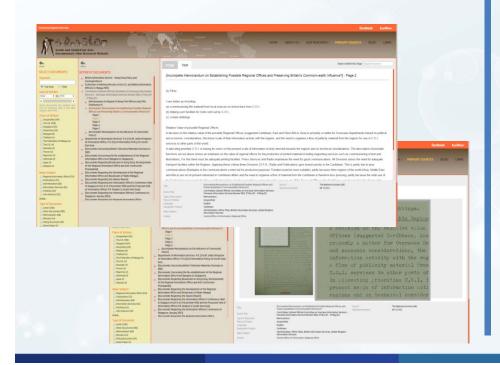
Many projects may have
more than one elements

E | Crowd-sourcing

D | Data-Based

C | GIS-Based

B | Image-Based

A | Text-Based

What Have HKBU Lib Done?

A | Text-Based

South & South-East Asia Documentary Film Research Website

http://digital.lib.hkbu.edu.hk/documentary-film/
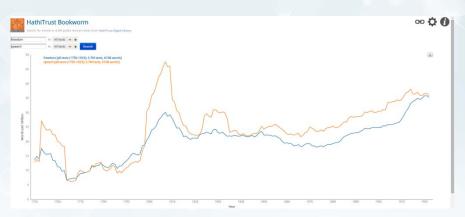
HathiTrust

http://www.hathitrust.org/

HathiTrust Bookworm
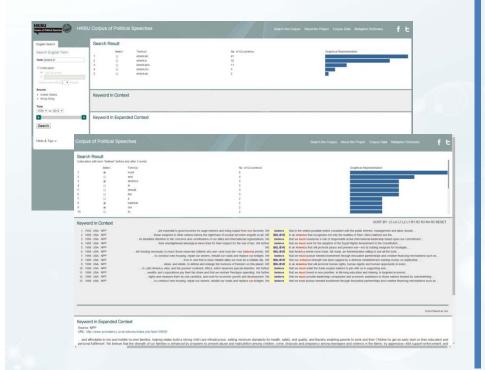
http://bookworm.htrc.illinois.edu/

Non-HKBU Samples

What Have HKBU Lib Done?

A | Text-Based

Corpus of Political Speeches

http://digital.lib.hkbu.edu.hk/corpus/

COCA
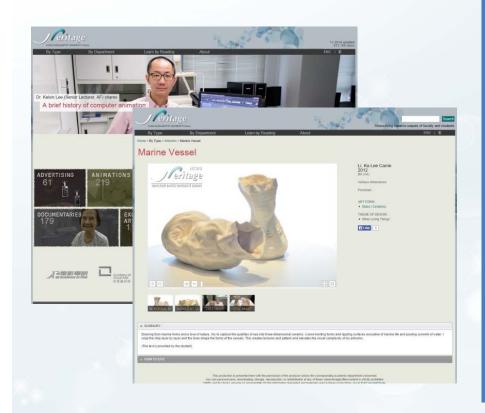
http://corpus.byu.edu/coca/

What Have HKBU Lib Done?

Image-Based
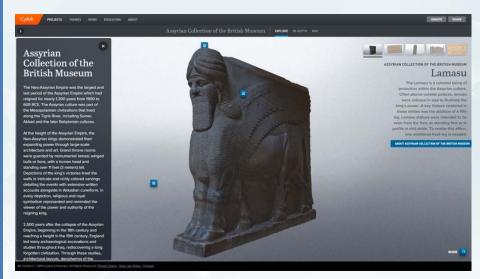
HKBU Heritage

http://heritage.lib.hkbu.edu.hk/

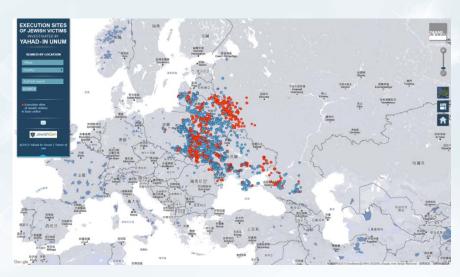## CyArk

http://www.cyark.org/

What Have HKBU Lib Done?

C | GIS-Based

中山公園數據庫

http://digital.lib.hkbu.edu.hk/sunyatsen/

Execution Sites of Jewish Victims

http://www.yahadmap.org/#map/

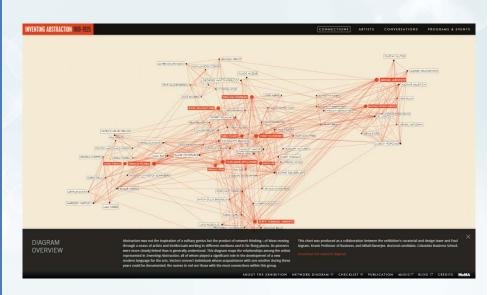Non-HKBU Samples

What Have HKBU Lib Done?

Data-Based

貢品數據管理

http://digital.lib.hkbu.edu.hk/history/tribute.php

Inventing Abstraction 1910-1925

http://www.moma.org/interactives/exhibitions/2012/inventingabstraction/

Non-HKBU Samples

What Have HKBU Lib Done?

The Aleksis Kivi Brothers Seven Translation Assessment Project

http://digital.lib.hkbu.edu.hk/translate/

ZOONIVERSE

https://www.zooniverse.org/

Non-HKBU Samples

How DH Projects Carried Out at HKBU?

Advocacy!!

BASIC

- Project proposal
- Project management
- Grant co-application

- Data support
- Digitization / format conversion
- Metadata

- Web interface / database programming

- On-going maintenance

ADDED

- Copyright handling
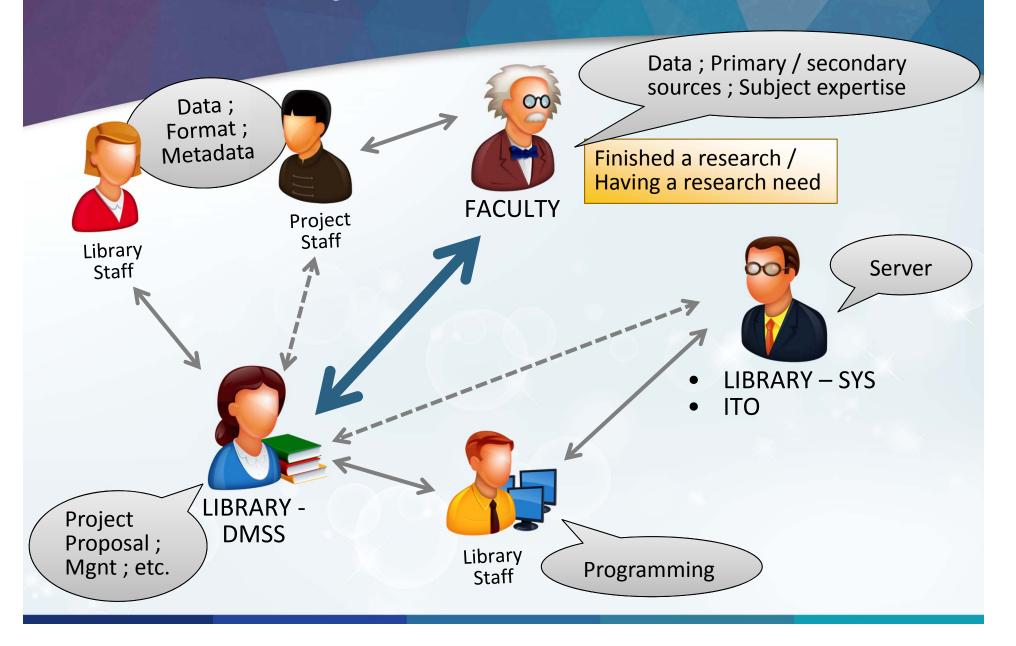
- Co-teaching

- Co-publication

- Event co-organization

Collaborate in…
- Project assessment
- Promotion

Facilitate / Assist in…
- International collaboration
- Interdepartmental collaboration

How DH Projects Carried Out at HKBU?

How DH Projects Car...

1 MULTIMEDIA SERVICES

2 DIGITAL SCHOLARSHIP

3 SCHOLARLY COMMUNICATION

Librarian

Librarian

Librarian

Programming, Server

Data, Format, Metadata

THANK YOU!