

OPEN A GLAM LAB



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“Open a GLAM Lab” Five Years Later: a Journey from Doha to a Global Impact

21 October 2024
3rd Forum for Open Research in MENA
(FORM)

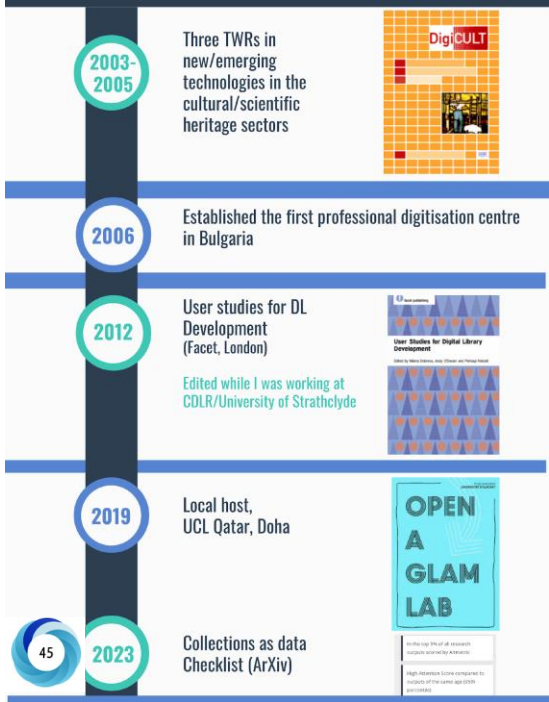
Dr. Milena Dobрева,
University of Strathclyde
Glasgow, UK

1

About me

Member of:

- the Scientific Board of the Digital Research Infrastructure for the Arts and Humanities (**DARIAH**)
- the Managing Board of the European Network Association (**ENA**).



2003-2005 Three TWRs in new/emerging technologies in the cultural/scientific heritage sectors

2006 Established the first professional digitisation centre in Bulgaria

2012 User studies for DL Development (Facet, London)
Edited while I was working at CDLR/University of Strathclyde

2019 Local host, UCL Qatar, Doha

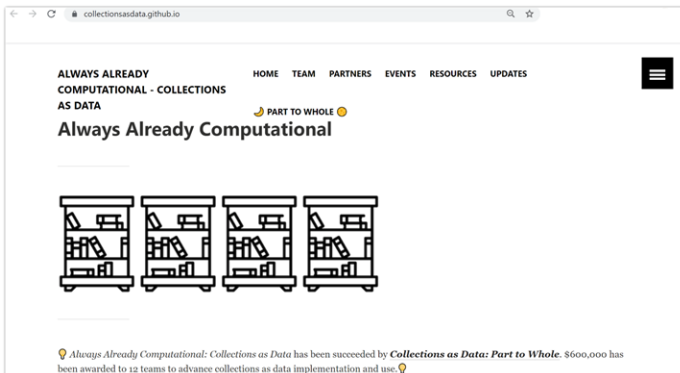
2023 Collections as data Checklist (ArXiv)

2

Collections as Data and Innovation Labs in Libraries

3

‘Collections as Data’



- Padilla, Thomas et al. (2019, May 22). Final Report --- Always Already Computational: Collections as Data (Version 1). Zenodo. <http://doi.org/10.5281/zenodo.3152935>
- Always Already Computational: Collections as Data final report and project deliverables: <https://osf.io/mx6uk/wiki/home/>

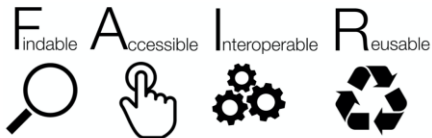
<https://collectionsasdata.github.io>

4

‘Collections as Data’

Providing access to the underlying files of digitised cultural heritage resources to facilitate data analysis by means of tools and methods developed in the field of digital humanities.

<https://www.kbr.be/en/projects/data-kbr-be/>



5

Collections as Data: 50 things to start with!



Want to support collections as data at your institution, but not sure how to begin? Drawing on what we learned from engaging with practitioners and researchers throughout the [Always Already Computational](#) project, the project team compiled a list of 50 Things you can do to get started. 50 Things is intended to open eyes, stimulate conversation, encourage stepping back, generate ideas, and surface new possibilities. If any of that gets traction, then perhaps you can make the case for investing in collections as data at your institution in a meaningful, if not systematic, way.

Our best advice: start simple and engage others in the process. You may find some activities listed here are already underway!

About this publication: 50 Things was published in October 2018 under a CC BY-NC-SA 4.0 license.

https://collectionsasdata.github.io/50things/50_things.pdf

6

What are 'library' labs?

"Any library program, physical or digital (or a hybrid) in which innovative approaches to library services, tools, or materials are tested in some structured way before being made part of regular workflows, programs, or mission."

Brooks, M., & Heller, M. (2013) Library labs. *Reference & User Services Quarterly* 52(3), 186-190 (2013).

7

Galleries, Libraries, Archives and Museums Labs

– a space to experiment and innovate on-site and on-line with digitised and born digital collections and data

- Expert support and advice
- Essential equipment (software, hardware, storage, network)
- Essential ingredients (data, text, images)
- The ability to create, validate, capture, record, reproduce, archive, and share results
- Community, tutorials, examples
- Integrated into reference and research workflows

8

Building a community

9

Founded in 2013

LIBRARY
HSIIRB

British Library Labs
Experiment with our digital collections

<https://www.bl.uk/projects/british-library-labs>

Mahendra Mahey Project Manager, British Library Labs	Adam Farquhar Head of Digital Scholarship	Eleanor Cooper Project Officer, British Library Labs

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@BL_Labs @britishlibrary @labs@bl.uk @BL_DigiSchol

10

British Library Labs (BL Labs)

BRITISH LIBRARY

- Promotes, inspires, and supports the use of the British Library's digital collections and data
- Works on projects with researchers, developers, educators, entrepreneurs and artists from around the world
- Provides insight into the emerging practice of digital research and helps shape the provision of the British Library's digital services, tools, collections, and data.
- Ensures that the intellectual digital heritage we hold is accessible to everyone for research, inspiration and enjoyment




@BL_Labs @britishlibrary @labs@bl.uk @BL_DigiSchol

11

**International
GLAM Labs
Community**


<https://www.jiscmail.ac.uk/cgi-bin/webadmin?A0=GLAMLABS>

12




https://twitter.com/GLAM_labs

International GLAM Labs Community



13

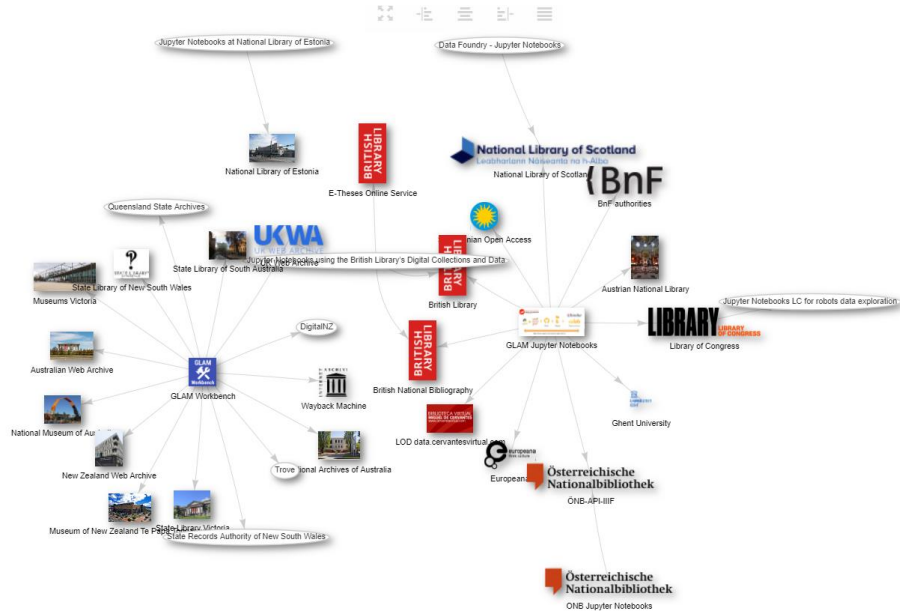
International GLAM Labs Community



[2021: https://glamlabs.io/](https://glamlabs.io/): 70 members

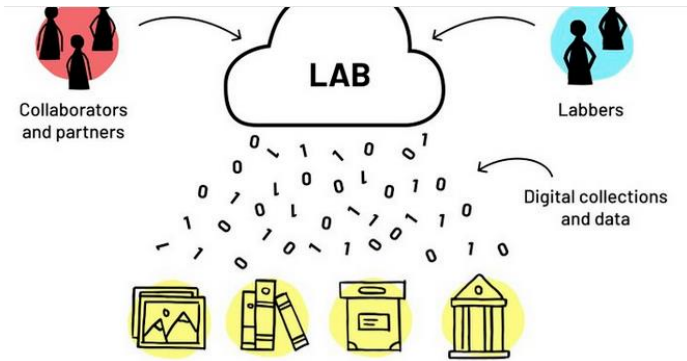
14

Computational access to digital collections



15

International GLAM Labs Community



<https://glamlabs.io/books/>

16

Russian: Махей, Махендра и др. (2019): „Откройте GLAM-лабораторию“, Лаборатории инноваций в сфере цифрового культурного наследия / Пер. с англ. Пастухова А. Н. Доха, Катар: BookSprints 2019 <http://hdl.handle.net/10576/17196>.

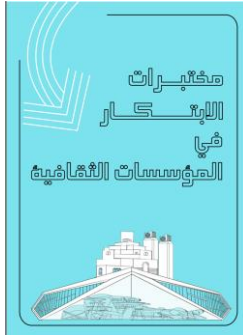
Replanteando las colecciones como datos

Sin datos no hay Labs. Este capítulo permite identificar colecciones y evaluar su conveniencia para los Labs, cómo describirlas, hacerlas accesibles y reutilizables. También aborda estrategias para tratar con datos desordenados, así como algunos consejos básicos útiles: diferentes formas de colecciones, digitalización, metadatos y conservación. Se cierra con un estudio de investigación que tiene como objetivo hacer que los datos estén disponibles.

Spanish:

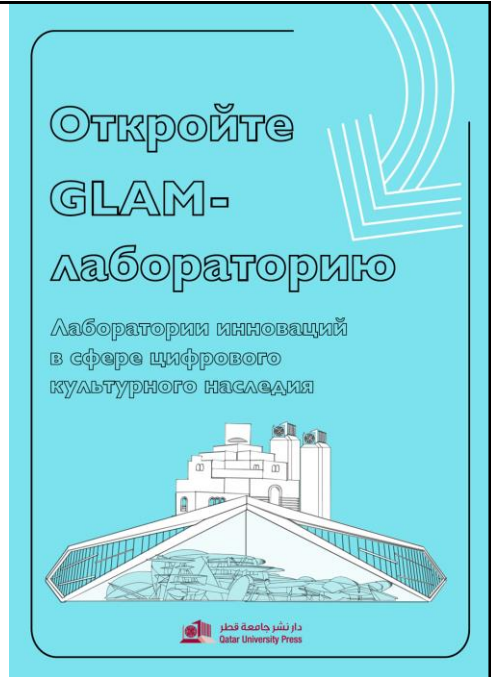
<https://rua.ua.es/dspace/handle/10045/110281>

And also in **Bulgarian, Greek and Serbian!**



Arabic:

<https://qspace.qu.edu.qa/handle/10576/13484>

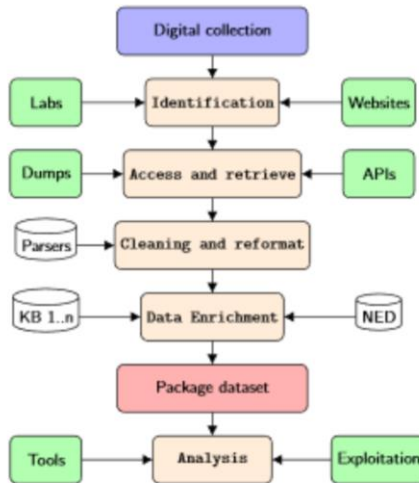


17

Impacts (1): practical workflows

18

Collections as Data: Methodology



Framework employed to create machine actionable collections - KB stands for Knowledge Base, while NED stands for Named Entity Disambiguation.

19

Impacts (2): further research

20



A checklist to publish collections as data in GLAM institutions

Candela, G., Gabriëls, N., Chambers, S., Dobрева, M., Ames, S., Ferriter, M., Fitzgerald, N., Harbo, V., Hofmann, K., Holownia, O., Irollo, A., Mahey, M., Manchester, E., Pham, T-A., Potter, A. & Van Keer, E., 9 Nov 2023, (E-pub ahead of print) In: Global Knowledge, Memory and Communication. 33 p.
Research output: Contribution to journal > Article > peer-review

Open Access File

Digital Collection Application Data Collection Best Practice Workflows

Data Spaces for Cultural Heritage: Insights from GLAM Innovation Labs

Dobрева, M., Stefanov, K. & Ivanova, K., 7 Dec 2022, *From Born-Physical to Born-Virtual: Augmenting Intelligence in Digital Libraries*. Tseng, Y-H., Katsurai, M. & Nguyen, H. N. (eds.). p. 492-500 9 p. (Lecture Notes in Computer Science; vol. 13636).
Research output: Chapter in Book/Report/Conference proceeding > Chapter

Cultural Heritage Innovation Consumers Cryptographic Asset User


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An approach to assess the quality of Jupyter projects published by GLAM institutions

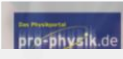
Gustavo Candela  Sally Chambers, Tim Sherratt

First published: 25 September 2023 | <https://doi.org/10.1002/asi.24835>



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Pages 1550-1564

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16

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22

Impacts (3): community value

23



Types of value of communities

- **Cycle 1. Immediate value.** Sharing personal experiences and suggesting potential changes within the institutional culture.
- **Cycle 2. Potential value: building knowledge capital.** Book, publications, exchanges of experience.
- **Cycle 3. Applied value** - change starts to be evidenced in practice.
- **Cycle 4. Realised value** is demonstrated when communities contribute to improved performance.

(value model from Koatz, D., Torres-Castaño, A., Salrach-Arnau, C. et al. Exploring value creation in a virtual community of practice: a framework analysis for knowledge and skills development among primary care professionals. BMC Med Educ 24, 121 (2024). <https://doi.org/10.1186/s12909-024-05061-6>).

24

Many thanks to the GLAM Labs community
and to the participants!



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