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NACCA.eu research data platform

User study, benchmark study and experience so far

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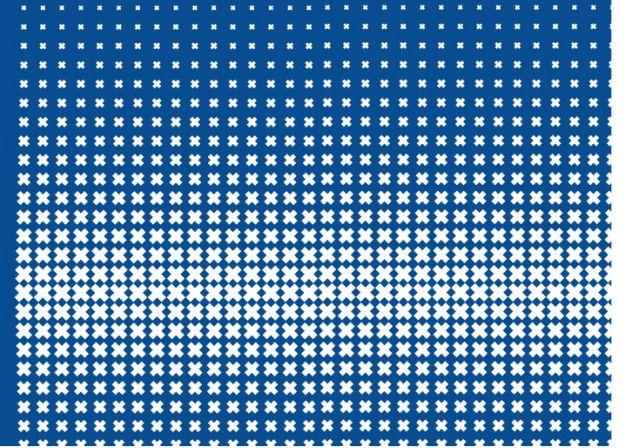
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NACCA.eu research data platform: user study, benchmark study and experience so far

“Figshare in Amsterdam”, Library of the University of Amsterdam, 30 May 2017



nacca

NEW APPROACHES IN THE CONSERVATION
OF CONTEMPORARY ART





User study

January 2016 survey

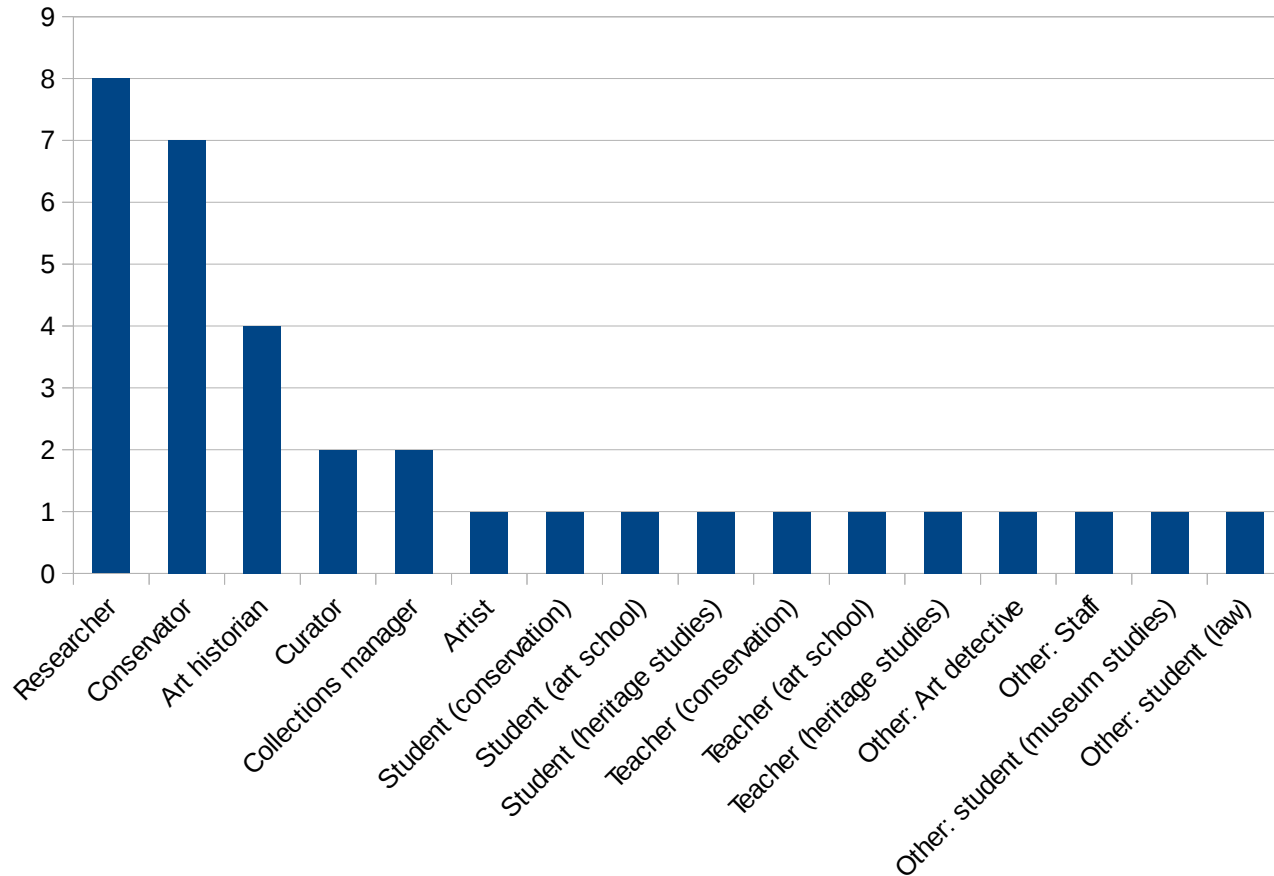
16 respondents:

11 Early stage researchers (ESRs)

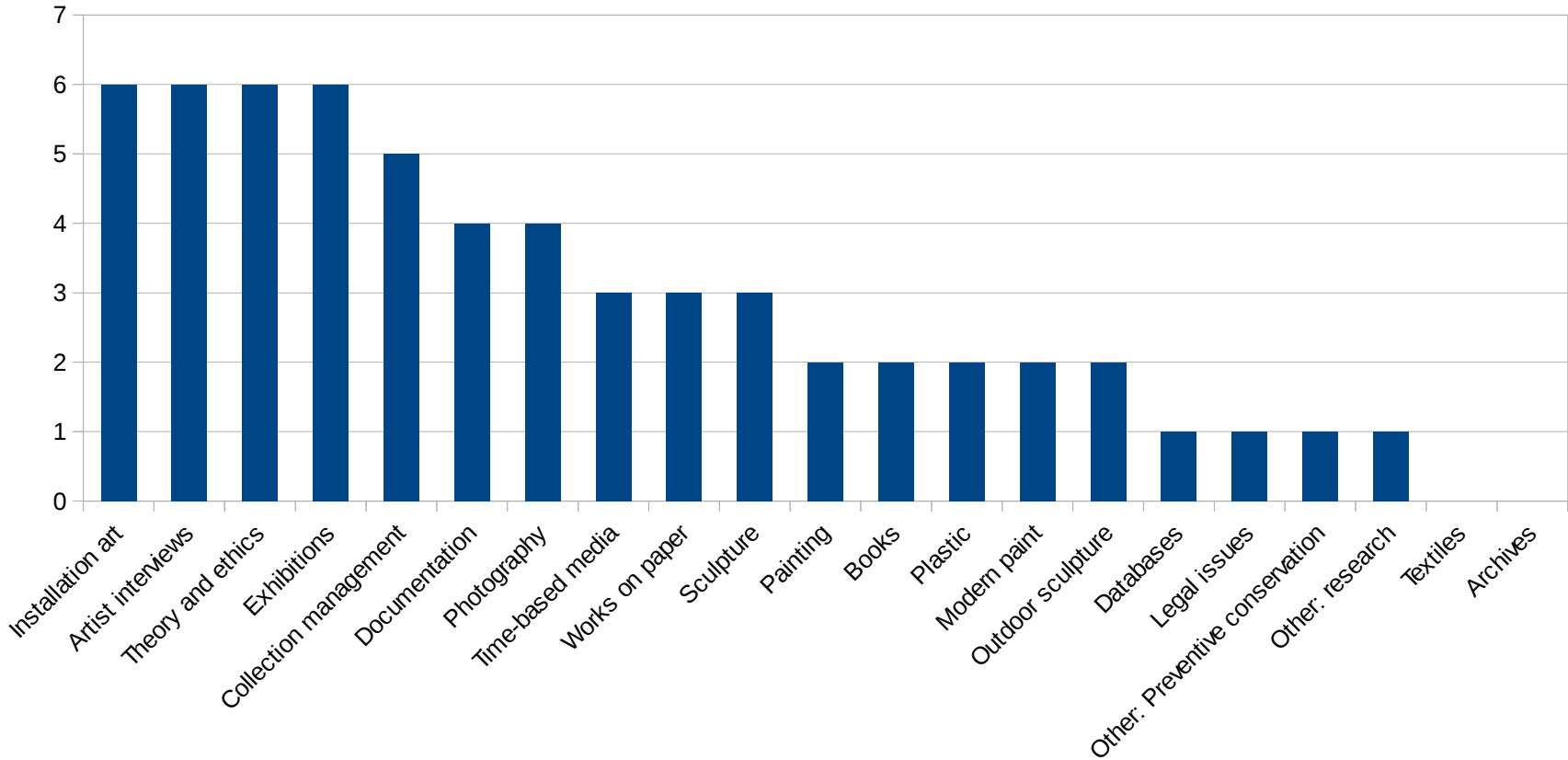
3 senior scholars

2 didn't indicate

User study: Occupation



User study: Expertise



User study: Familiarity with file sharing platforms

Dropbox	14
Google Drive	13
Wetransfer	10
Academia.edu	4
Institutional website	3
INCCA.org	3
Personal blog/website	0

User study: Desired features

Search possibly structured	8
Document viewer	7
Bookmarking possibly with annotation	7
Downloading	7
Data protection incl. sharing with particular users	6

User study: Conclusion

The study identified user requirements for the functionality of the NACCA project database based on direct input from a representative selection of the researchers who will make use of the database.

The required features for the database are search (with advanced options), document viewer, bookmarking (with annotation), downloading, and data protection (incl. sharing documents with user subgroups). The database should operate with an expanded taxonomy (possibly to borrow from the INCCA database). Dropbox and Google Drive may serve as leads in designing its interface.



Benchmark study

Take into account:

- **Conclusion of user study**
- **Costs of installation, customization and maintenance**

Feature	Figshare	Dataverse	Drupal
Features desired from the perspective of use			
Friendliness of interface towards non-programmers	2	1	1
Document viewer	2	0	1
Access control	1	2	1
Metadata to describe documents	1	2	1
Search	0	2	1
Document bookmarking	0	0	1
User interaction	1	0	1
Features desired from the perspective of installation, customization and maintenance			
Infrastructural independence from third parties (i.e. standalone version)	1	2	2
Cost of installation and customization (time + financial)	2	1	0
Cost of maintenance and management (time + financial)	2	1	0
Storage limit	2	2	2
Project data export	1	2	2
Total score	15	15	13

Benchmark study: Conclusion (1/2)

The option of using the existing Figshare.com platform met most of our requirements (a standalone version would not be feasible given our budget). Two of the requested features currently not supported on the platform -- (1) searching by tags within project documents and (2) email notifications for newly uploaded documents -- are expected to be implemented in a near future. Known limitations include the inability of limiting access to documents to user subgroups, and the absence of a controlled vocabulary for taxonomy (both of which are provided by DataverseNL). The developers however showed willingness to discuss further and possibly implement these features as well.

Benchmark study: Conclusion (2/2)

In the case of DataverseNL, it would be possible to use the platform also by the NACCA members from outside the Netherlands. The serious downside is our inability of customizing the otherwise oversaturated interface. Other limitations are the absence of document viewer, bookmarking, and email notifications for newly uploaded documents.

This taken into account, the study identified Figshare as the most suitable software package for the NACCA research data platform.



NACCA on Figshare



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Dusan Barok



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+ 9

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