

Digital researchers and data experts

We create digital tools
to explore academic
research in new ways.



REQUIREMENTS ELICITATION & DATA MODELLING: MaDiH EXAMPLE

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Dr. James Smithies and Dr. Arianna Ciula

Director / Deputy Director of King's Digital Lab

@jamesmithies @ariciula

kdl-info@kcl.ac.uk



Policy white paper, identifying relevant national and international policies, frameworks, and standards and making recommendations for their future adoption and/or implementation

Technical white paper, listing requirements for improvements to existing infrastructure, systems, and tools and make recommendations for their future implementation

Phase 1 designed to scope phase 2

Defined set of M of requirements → development of **PoC** → gap analysis, review/reflection

Workshops → elicitation of requirements → set of MoSCoWed requirements

High level, focus on the *what* (functionalities) and not the *how*

Planning for MaDiH Phase 2: Example template for requirements elicitation

Description	
Pros	
Cons	
Importance ranking 1 = high 10 = low	

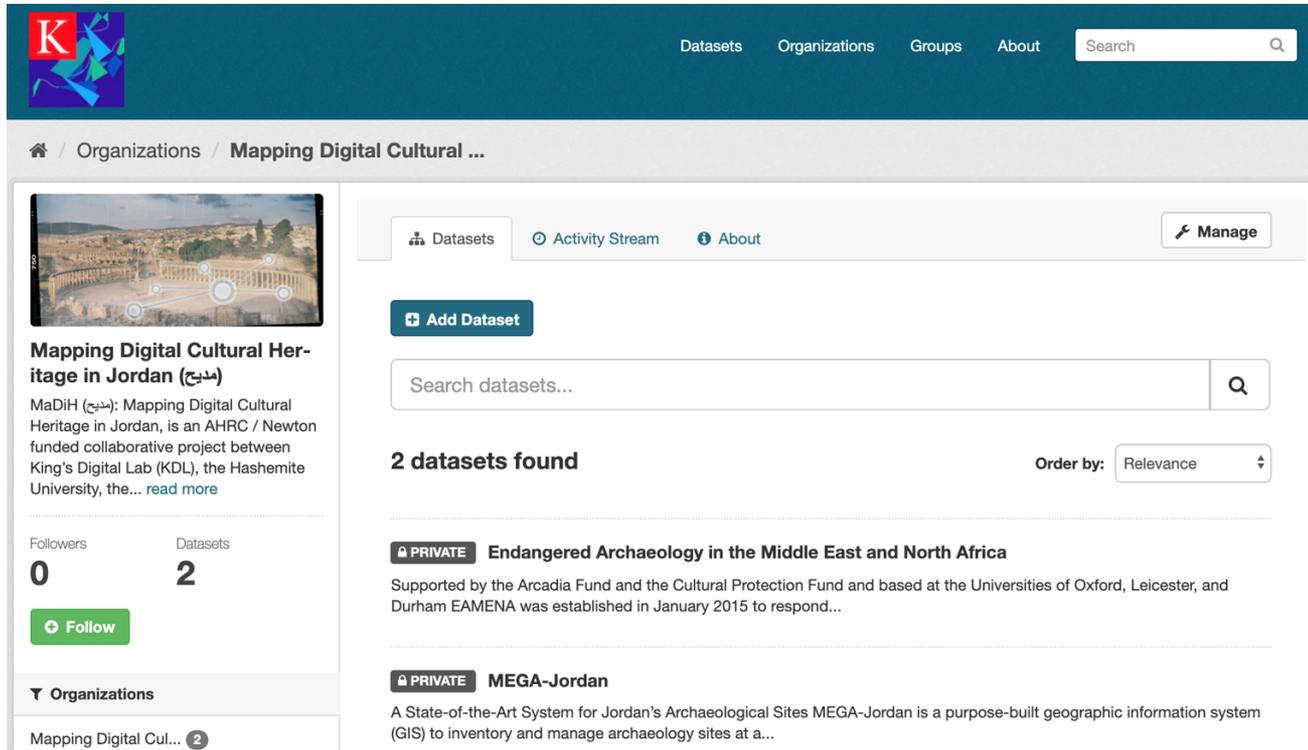
From the Requirements Elicitation Workshop for the [Georgian Papers Programme](#), King's College London, September 2017
(by Paul Caton, KDL)

To be discussed

Identification of datasets and resources

Data entry template

MaDiH in KDL temporary CKAN instance (testing phase)



The screenshot shows the CKAN interface for the organization 'Mapping Digital Cultural Heritage in Jordan'. The header includes the CKAN logo, navigation links for 'Datasets', 'Organizations', 'Groups', and 'About', and a search bar. The organization's profile page features a header with 'Home / Organizations / Mapping Digital Cultural ...', a 'Manage' button, and tabs for 'Datasets', 'Activity Stream', and 'About'. A prominent 'Add Dataset' button is visible. Below this is a search bar for datasets. The main content area displays '2 datasets found' and lists two datasets: 'Endangered Archaeology in the Middle East and North Africa' and 'MEGA-Jordan'. The 'MEGA-Jordan' dataset is marked as 'PRIVATE' and described as a State-of-the-Art System for Jordan's Archaeological Sites. On the left sidebar, there is a thumbnail image of an archaeological site, the organization's name in Arabic, a description of the MaDiH project, and statistics showing 0 followers and 2 datasets, with a 'Follow' button. An 'Organizations' list at the bottom shows the current organization with a count of 2.

Temporary CKAN instance created for the workshop.

CKAN Demo

What are datasets?
A CKAN Dataset is a collection of data resources (such as files), together with a description and other information, at a fixed URL. Datasets are what users see when searching for data.

1 Create dataset **2 Add data**

Title: eg. A descriptive title
* URL: demo.ckan.org/dataset/cdataset **Edit**

Description: eg. Some useful notes about the data
You can use Markdown formatting here

Tags: eg. economy, mental health, government

License: Creative Commons Attribu... License definitions and additional information can be found at opendefinition.org

Organization: Test A

Visibility: Private

Source: http://example.com/dataset.json

Version: 1.0

Author: Joe Bloggs

Author Email: joe@example.com

Maintainer: Joe Bloggs

Maintainer Email: joe@example.com

Custom Field: Key: Value:

Custom Field: Key: Value:

Custom Field: Key: Value:

The data license you select above only applies to the contents of any resource files that you add to this dataset. By submitting this form, you agree to release the metadata values that you enter into the form under the Open Database License. * Required field **Next: Add Data**

CKAN Overview

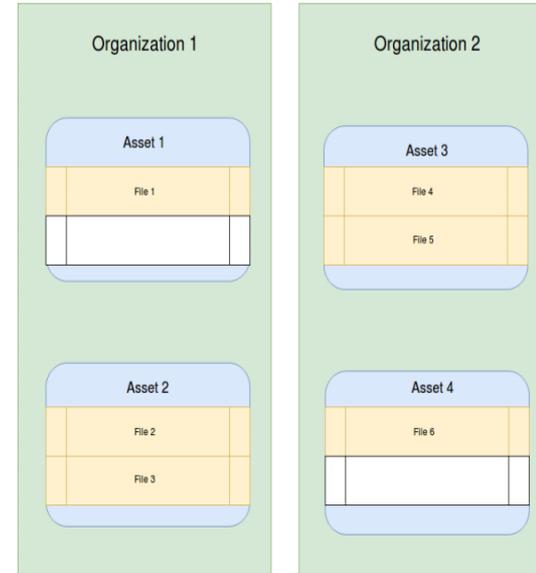


Figure A: CKAN structure. CKAN allows for multiple organizations. Organizations consist of assets which contain one or more files.

van Erp et al. (2018), [Testing the FAIR metrics on data catalogs.](#)

MaDiH in KDL CKAN instance

Create an account (register) at temporary KDL CKAN instance

Exercise with data entry template (ad hoc spreadsheet)

- What metadata to capture for each dataset?
- Reflections, gap analysis and iterations
- Version 1 of CKAN template for data entry

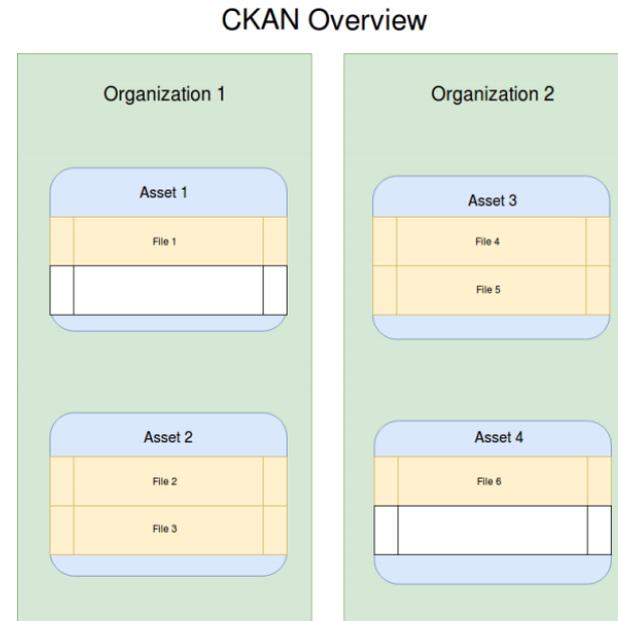


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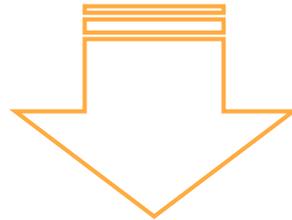
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Identification of datasets and resources

Data entry template

Interview template?

Diary/log and review process?



Workflow overview

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RSE in ACTION with PROJECT EXAMPLES