We create digital tools to explore academic research in new ways.
King’s Digital Lab

Digital researchers and data experts

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Dr. James Smithies and Dr. Arianna Ciula

Director / Deputy Director of King’s Digital Lab

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**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

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pros</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Cons</strong></td>
<td></td>
</tr>
</tbody>
</table>
| Importance ranking | 1 = high  
10 = low |  |

From the Requirements Elicitation Workshop for the [Georgian Papers Programme](http://example.com), 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)

Temporary CKAN instance created for the workshop.
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

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

van Erp et al. (2018)
## Workflow Overview

<table>
<thead>
<tr>
<th>To be discussed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification of datasets and resources</td>
</tr>
<tr>
<td>Data entry template</td>
</tr>
<tr>
<td>Interview template?</td>
</tr>
<tr>
<td>Diary/log and review process?</td>
</tr>
</tbody>
</table>

**Workflow overview**
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RSE in ACTION with PROJECT EXAMPLES