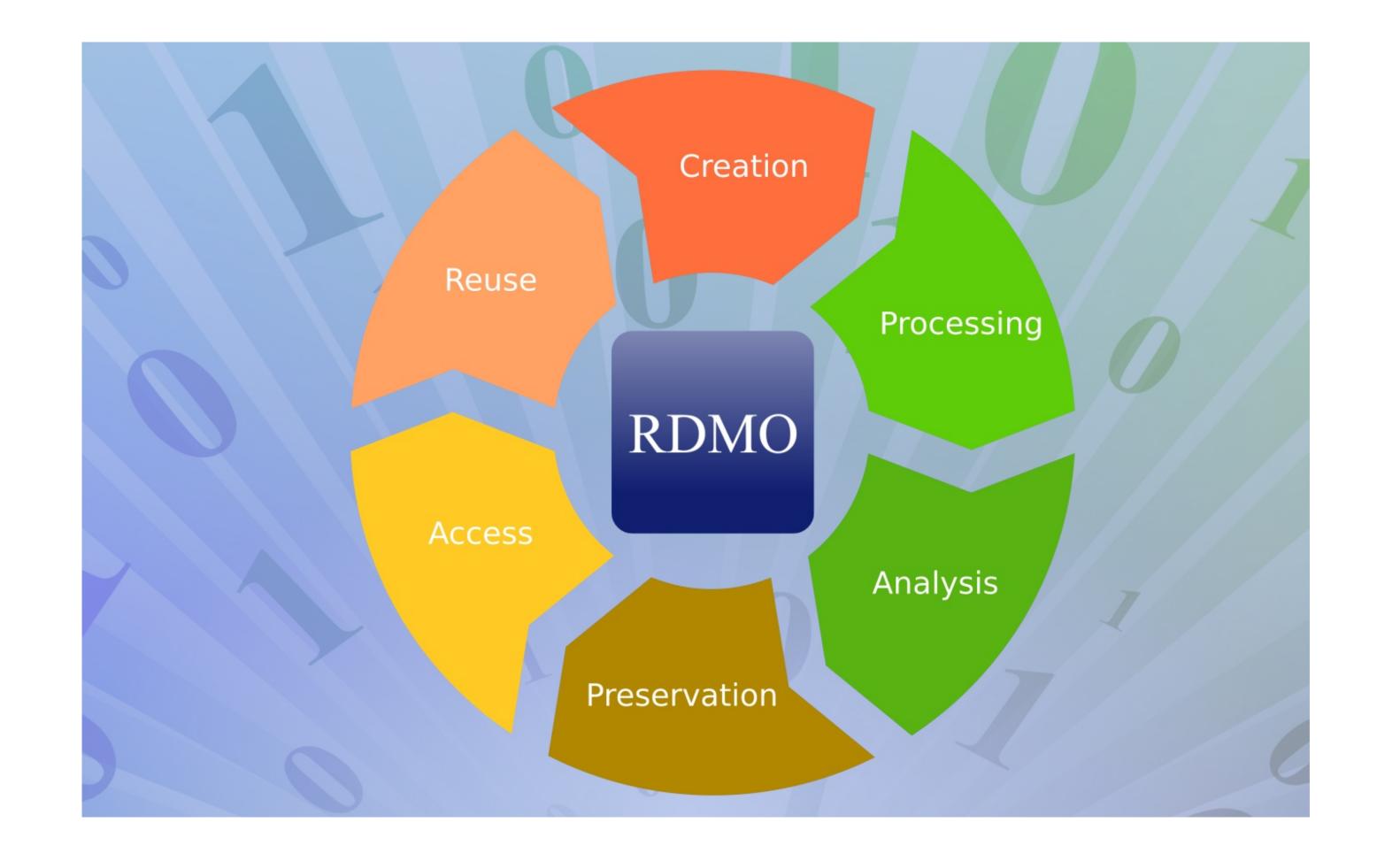
# Research data management organiser

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The Research Data Management Organiser (RDMO) enables and assists institutions as well as researchers to plan and carry out their management of research data. RDMO can collect all relevant planning information and data management tasks across the whole life cycle of the research data.

#### Organiser instead of plan

Supports the whole lifetime of a project and beyond
Engages all stakeholders, not only researchers and funders
Tracks all relevant information for the data management
Uses a structured interview for input
Outputs a configurable DMP, creates Tasks, offers APIs



RDMO

### Local instead of central

- Full customization of the questionaire and the output
  Disciplinary context of the particular research field
  - Local environment of the Institution
- Easily deployable for Universities or Infrastructure Providers
- Supports custom styling and corporate design
- Open-Source, well documented and available on Github

## Software

Written in Python using Django and AngularJS

RDMO Demo Management - Admin	Language 🗸 🦳 Jochen Klar	RDMO Demo Management - Admin	Language - Joch
Research Data Management Organiser (RDMO)		Questionnaire for project Research Data Management	
Description	Options	Organiser (RDMO)	Progress
Ziel des Projektes ist es, das im Projekt RDMO (ehemals FDMP-Werkzeug, November 2015 - April 2017) entwickelte RDMO- Werkzeug unter dem Motto "Vom Plan zum Organiser" weiterzuentwicklen, die Implementierung und Anbindung an die lokale	Update project information Delete project	Technical classification / Data	
Infrastruktur in verschiedenen institutionellen Kontexten zu testen und die Nachhaltigkeit des Tools, u.a. durch den Aufbau einer Community, die es nach Projektende weiterentwickelt, zu sichern. RDMO steht für Research Data Management Organiser - ein Werkzeug, das Breiekte von der Antrastellung bis zum Breiektende beim Forschungedatermanagement unterstitist.	Answer questions	Please fill in the form for each dataset. The different datasets will be referred to in following questions. You can add a new dataset using the green button. Once created, you can edit or delete datasets using the buttons in the top right corner.	Navigation

The Research Data Management Organiser (RDMO) enables and assists institutions as well as researchers to plan and carry out their management of research data. RDMO can assemble all relevant planning information and data management tasks across the whole life cycle of the research data.

RDMO is ready for application in smaller or bigger projects. In the current project phase, RDMO will be further developed and the project partners AIP, FHP, and KIT, will collaborate with the RDMO users to improve its usage. The tool will be extended by improving its system of roles and by adding interfaces to institutional infrastructure, e.g. repositories, ticketing systems. Tutorials, documentation and other material are planned for dissemination, and workshops for users and developers.

Task	Description	Time frame		Add member Export project as XML
Clarify consequences of different international jurisdictions	Please get in touch with the legal department or a respective contact person at your institution to clarify if this has consequences for the project and its data management and if yes, what consequences these are.			Back to projects overview
Inform data security officer	At least one dataset contains personal data. Please contact the data security officer in charge.			
Views				
View	Description			
Bielefeld	DMP template from the University of Bielefeld.		۲	
CITEC DMP	DMP template from the University of Bielefeld for CITEC funded research projects.		œ	
DMPonline template	Template from DMPonline, online https://dmponline.dcc.ac.uk		۲	

Anforderungen_FDMP	Anforderungen_RDMO Sourcecode and Dokumentation	Add dataset	Please note that using the navigatio discard any usaved input.
What is the actual or ex	pected size of the dataset?	20	skip to previous page skip to next page
less than 1 GB			Back to project overview
<ul> <li>1 GB to 1 TB</li> <li>1 TB to 100 TB</li> </ul>			Overview
more than 100 TB			General Content classification
exact size:			Content classification Technical classification Data
not yet defined			When does data collection or
How much data is produ Optional. This is only of co	aced per year? oncern if the data production rate reaches TB scale.		→ What is the actual or expecte Which file formats are used? Which tools, software, techno Are different versions of the o
Back Skip		Save Save and proceed	Data usage Metadata and referencing Legal and ethics Storage and long-term preservation

#### RDMO Demo Management+ Admin

Template from DMPtool, based on "NSF-GEN: Generic", online

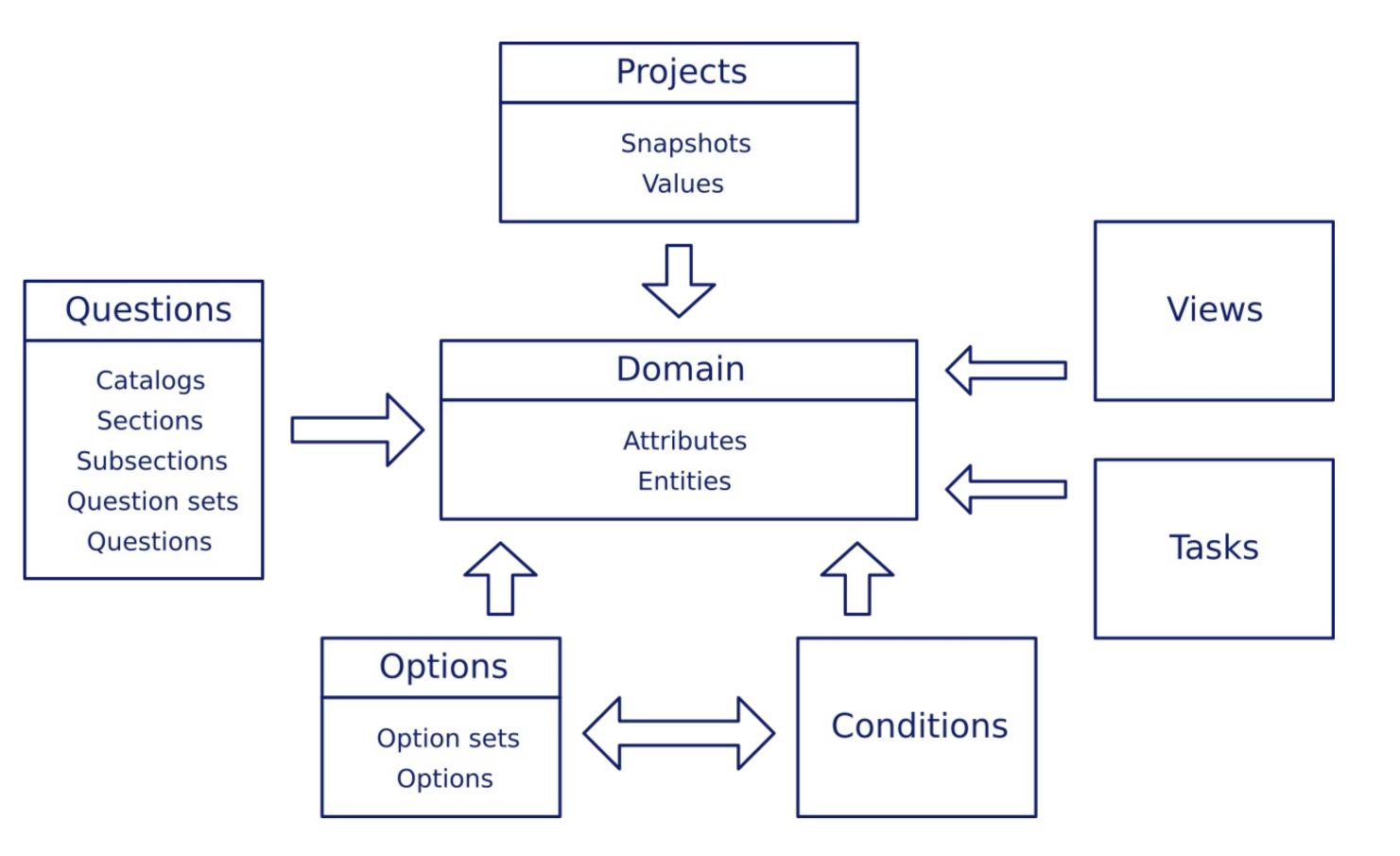
I. Data Summary	Snapshots	
What is the purpose of the data collection/generation and its relation to the objectives of the project?	→ Current	
Dataset Anforderungen_RDMO: Um die inhaltlichen und technischen Anforderungen der verschiedenen Stakeholder an das Tool zu lokumentieren, strukturieren und analysieren.	DFG Antrag	
Dataset Anforderungen_FDMP: Als Referenz bezüglich der Anforderungen der verschiedenen Stakeholder an das Tool, insbesondere Kolcher, die im FDMP-Projekt noch nicht oder nicht vollständig umgesetzt werden konnten.	Options Back to project overview	
Dataset Sourcecode and Dokumentation: Entwicklung des RDMO	back to project overview	
Vhat types and formats of data will the project generate/collect?	Export	
Dataset Anforderungen_RDMO: docx und pdf XML, HTML text format for readme, protocols etc.	PDF	
Dataset Anforderungen_FDMP: docx und pdf XML. HTML text format for readme, protocols etc.	Rich Text Format	
Dataset Sourcecode and Dokumentation: text formats for readme, protocols, source code	Open Office Microsoft Office HTML	
Vill you re-use any existing data and how?		
Dataset Anforderungen_RDMO: Created	Markdown mediawiki	
Dataset Anforderungen_FDMP: Re-used	LaTeX	
Dataset Sourcecode and Dokumentation: Re-used		
Vhat is the origin of the data?		
Dataset Anforderungen_RDMO: None		
Dataset Anforderungen, FDMP: Die Daten wurden im Vorgängerprojekt "FDMP-Werkzeug" von Claudia Engelhardt und Jochen Klar Irhoben bzw. gesammelt.		
Dataset Sourcecode and Dokumentation: Der Code wurde im Projekt FDMP-Werkzeug von Jochen Klar entwickelt.		
What is the expected size of the data?		
Dataset Anforderungen_RDMO: not yet defined		
Dataset Anforderungen_FDMP: not yet defined		

		Catalog
ection General rdmo/general	+/8	RDMO
Subsection Topic rdmo/general/topic	+/8	Filter
Question set rdmo/general/topic/research_question → project/research_question	+/20	
Question rdmo/general/topic/research_question/title → project/research_question/title What is the main research question of the project?	120	Options Update catalog details Delete catalog
Question rdmo/general/topic/keywords → project/research_question/keywords Please give some keywords describing the research question.	100	Create new catalog Create new section Create new subsection
Question rdmo/general/topic/research_field → project/research_field/title Which research field(s) does this project belong to?	100	Create new questionset Create new question Export
Subsection Project schedule rdmo/general/project-achedule	+/0	PDF Rich Text Format Open Office
Question set rdmo/general/project-schedule/schedule -> project/schedule	+/90	Microsoft Office

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Screenshots of the RDMO interface: (top left) project overview, (top right) page of the structured interview, (bottom left) generated Horizon 2020 DMP, (bottom right) management interface used to customise the questionaire.

In order to be customisable to any diciplinary or institutional



Overview of the internal datamodel of RDMO.

environment, RDMO employs a sophisticated data model, which separates the questionaire from the given answers by a domain model.

We work to extend our domain model to an a metadata application profile to be able to exchange content between different RDMO instances as well as with DMP Tools. This is done in cooperation with the RDA DMP. Home Page rdmorganiser.github.io Source code github.com/rdmorganiser Documentation rdmo.readthedocs.io

Mailing list rdmo@listserv.dfn.de Slack rdmo.slack.com Demo rdmo.aip.de

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Gefördert durch
Deutsche
Forschungsgemeinschaft