



**Coscine**  
Makes research data FAIR!



The slide set as a whole and its texts are licensed as a whole under CC BY 4.0. Individual elements such as illustrations may be licensed independently.



- Problems for Researchers:

- Limited knowledge about RDM and FAIR principles

- Additional work before publishing

- Metadata not complete

- Repeat experiments

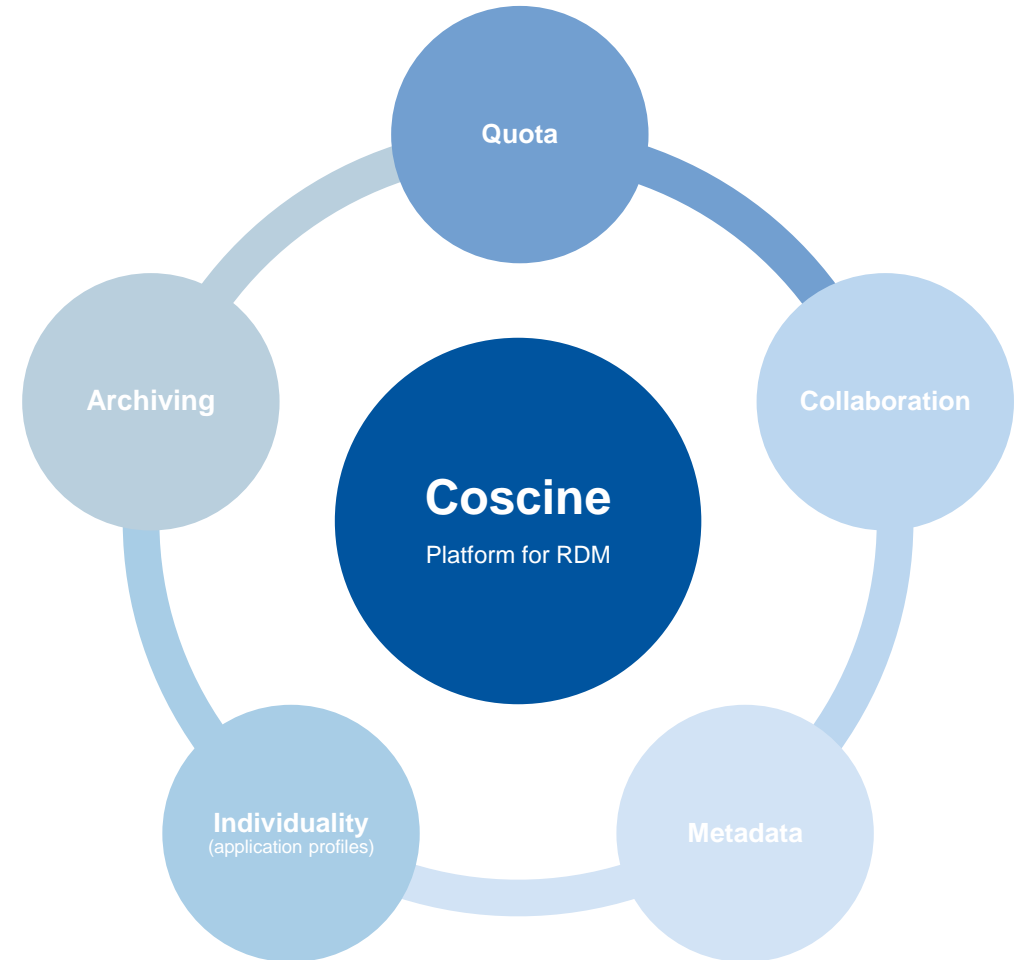
- Ensure Reuse and Interoperability

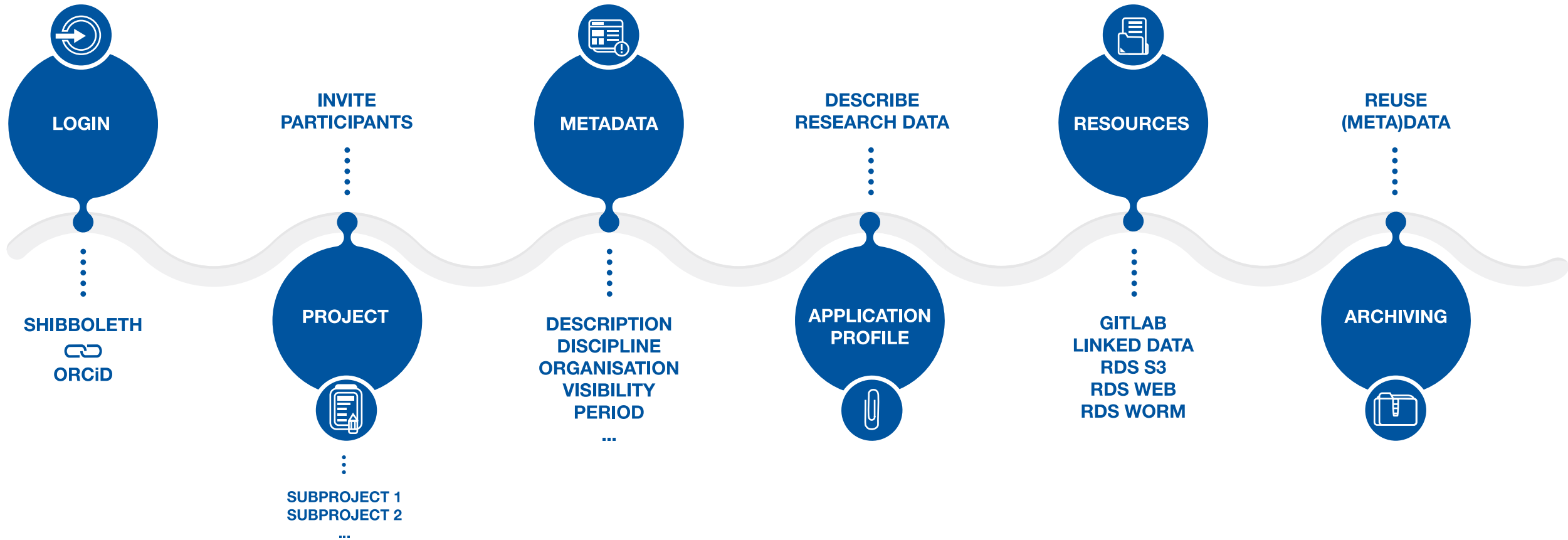
- Solution:

- Integration of RDM in daily workflow

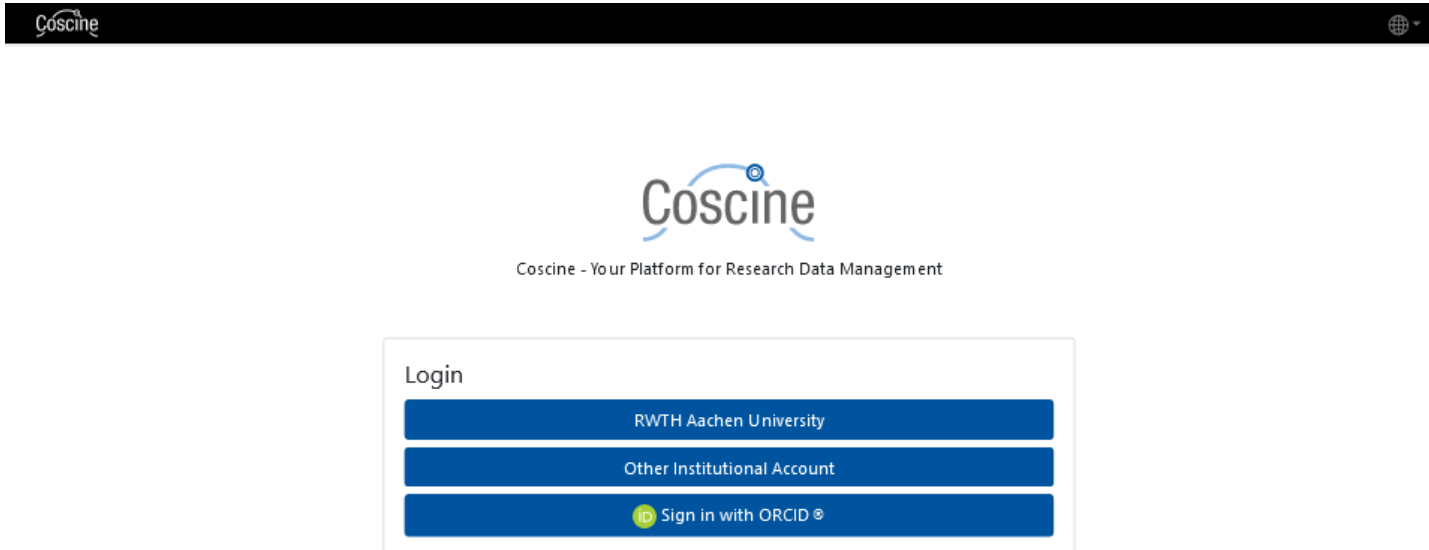
- Use of platforms which help to follow FAIR principles

- Coscine, RDMO, Jarves, etc.





## Login possibilities:



- Institutional account or ORCID



- Connection of both login possibilities recommend

**!Attention!**

Login only with ORCID

→ No quota on the RDS available



## Creation of projects/subprojects:

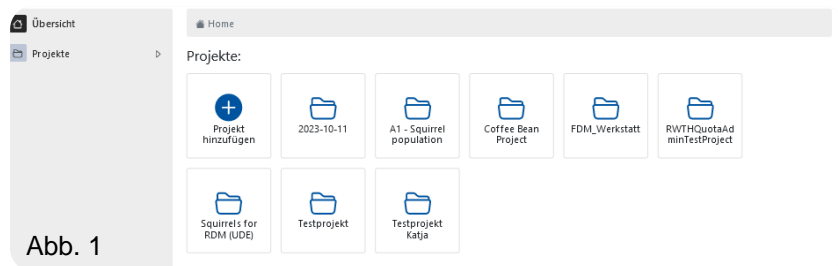


Abb. 1

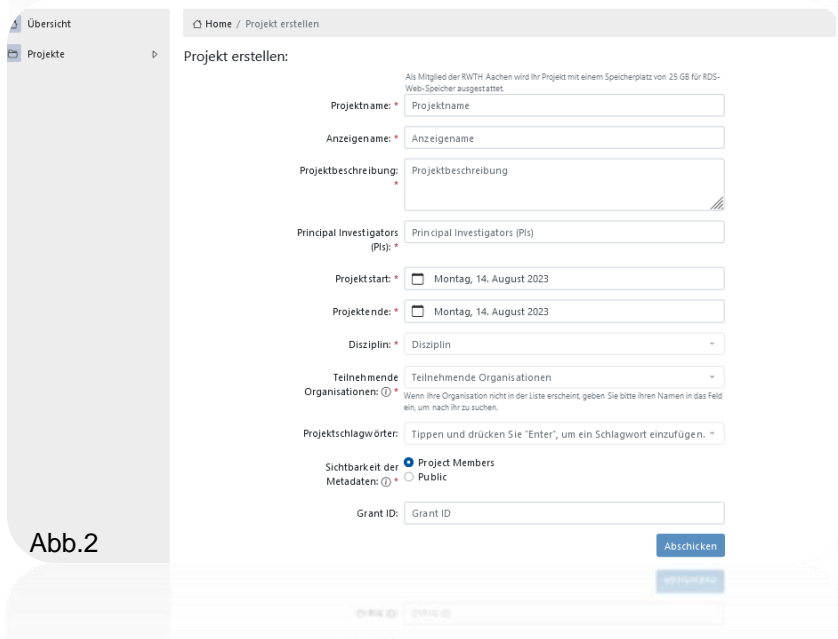


Abb.2

- Click on Button „Add project“ (s. Abb. 1)

New window opens (s. Abb. 2)



- Fill in at least all fields marked with \*.
- If you are not sure, please refer to the Coscine documentation.
- Submit = new project is created.
- After clicking on the name of the newly created project, subprojects can be created and resources added.



## Ressourcentypen:

Ressourcentyp	RDS-Berechtigte	Externe	Antrag
<i>RDS-Web</i>	<i>25 GB Standard; bis zu 100 GB mit Selbstzuweisung</i>	<i>kein Speicherplatz</i>	<i>RDS-Web Ressourcen</i>
<i>RDS-S3</i>	<i>Kein Standard; bis zu 125TB mit Antrag</i>	<i>kein Speicherplatz</i>	<i>RDS-S3 Ressourcen</i>
<i>RDS-WORM</i>	<i>Kein Standard; bis zu 125TB mit Antrag</i>	<i>kein Speicherplatz</i>	<i>RDS-WORM Ressourcen</i>
<i>Linked Data</i>	<i>Ohne Limit/kein Speicherplatz nötig</i>	<i>Ohne Limit/kein Speicherplatz nötig</i>	<i>kein Antrag nötig</i>
<i>GitLab</i>	<i>Ohne Limit/kein Speicherplatz nötig</i>	<i>Ohne Limit/kein Speicherplatz nötig</i>	<i>kein Antrag nötig</i>

<https://docs.coscine.de/de/rdm/resources/about/#ressourcen>

- Application for RDS-Web >100 GB as well as RDS-S3 and RDS-WORM by using the platform Jards possible

For **quota on the RDS** are eligible:

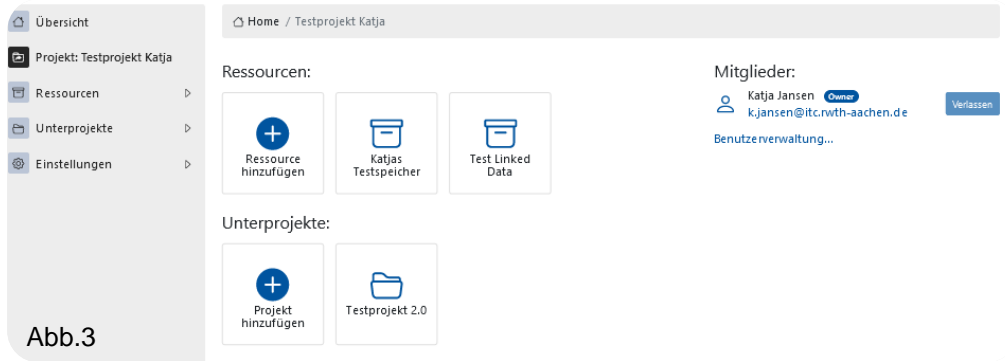
- RWTH Aachen (RWTH-RDS)
- FH Aachen (RWTH-RDS)
- Universität Duisburg-Essen (UDE-RDS)
- TU Dortmund (TUDO-RDS)
- HAWs & FHs of NRW (NRW-RDS)
- Cooperation with NFDI (NRW-RDS)

Use Coscine for non-RDS eligible individuals?

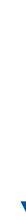
- GitLab oder LinkedData resource
- Cooperation with one of the above mentioned institution
- Invitation as external (guest) to a project



## Adding of resources:



- Click button „Add resource“ (s. Abb. 3)



- The following must be specified:
  - 1) Resource type,
  - 2) resource name,
  - 3) description,
  - 4) discipline,
  - 5) metadata visibility,
  - 6) Application profile selection

### Application profile:

- Metadata = data on (research) data.  
→ e.g. author, date of creation, exposure of the photo etc.
- Metadataschema = set by e.g. Organisation
- Application profile = individual profile with fields for filling the metadata for a file
- Choice between already existing or a completely individual

↓  
Using e.g. certain standards  
for a research area

↓  
Creation with application profile  
generator (AIMS)



<https://coscine.rwth-aachen.de/coscine/apps/aimsfrontend/#/editor>



## Application profile:

Add Resource:

Step 1: Resource Configuration    Step 2: General Information    **Step 3: Resource Metadata**    Step 4: Overview & Confirm

Application Profile:  OR

Contact *	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Creator *	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Worked	<input type="text" value="Select..."/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Worked Note	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Title *	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Type	<input type="text" value="Select..."/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Keywords	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Subject Area	<input type="text" value="Select..."/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Creation Date *	<input type="text" value="No date selected"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Publication Date *	<input type="text" value="No date selected"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Embargo End Date *	<input type="text" value="No date selected"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Version *	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>
Mode *	<input type="text" value="Select..."/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="+"/>



### Default value

→ Fixed value (e.g. always same PI)



### Hidden fields

→ If fields don't match own data (not for mandatory fields)




















### Add fields

→ If more fields are needed

## Show data in a resource:

Ressourcen:

Red Squirrels in DE - Web   33.07 KB / 44 GB

Name	Geändert	Dateigröße		
 20200501_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200502_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200503_GPS_data_DE.txt	13.9.2022	1.6 KB		
 20200503_GPS_data_UK.txt	14.9.2022	2.72 KB		
 20200504_GPS_data_DE.txt	13.9.2022	1.54 KB		
 20200505_GPS_data_DE.txt	13.9.2022	1.7 KB		
 20200506_GPS_data_DE.txt	13.9.2022	1.82 KB		
 20200507_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200508_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200509_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200510_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200511_GPS_data_DE.txt	13.9.2022	1 KB		
 20200512_GPS_data_DE.txt	13.9.2022	928 Bytes		
 20200514_GPS_data_DE.txt	13.9.2022	2.72 KB		
 20200515_GPS_data_DE.txt	13.9.2022	2.72 KB		

To add a new file,  
the fields\* must be  
filled in accordingly

\* Displayed fields differ depending  
on resource type and application  
profile

Files selection form:

Ersteller \*

Titel \*

Erstelldatum \*

Fachrichtung

Ressource

Berechtigung

Rechteinhaber



## Short demonstration of Coscine

Role distribution:

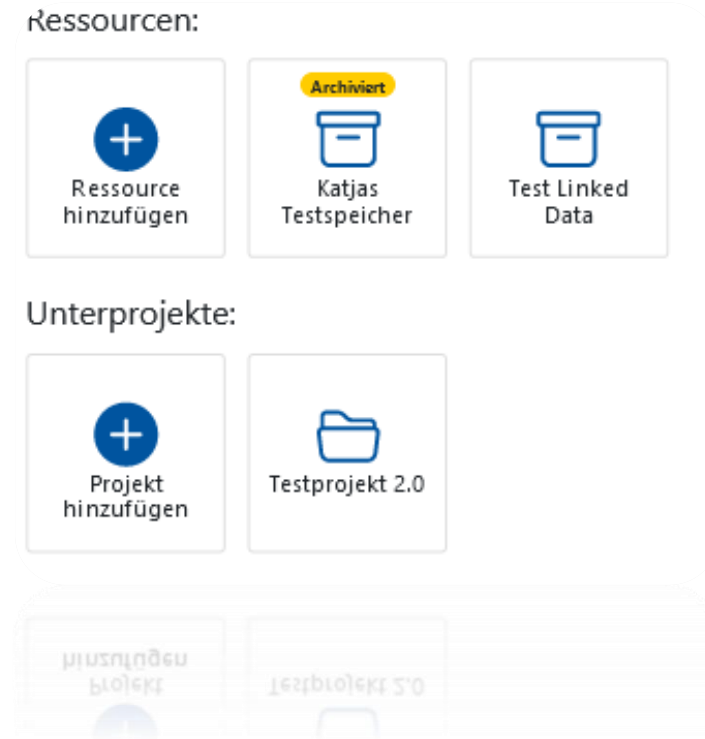
	Owner	Member	Guest
User management (add/remove members)	<input checked="" type="checkbox"/>		
Change project settings	<input checked="" type="checkbox"/>		
Write access (view, add & edit data)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Read access (view & download data)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Archiving:

- Set the status of a resource to "Archive resource"

All data within this resource are now on Read-only\* status

Archiving period = 10 Jahre



\* Can be reset by project owner and then archived again (e.g. for changes to files)

# Thank you for your attention



Coscine platform



Coscine documentation



Coscine mailing list

