



**CS<sup>3</sup>  
MESH<sup>4</sup>  
EOSC**

**Connecting European Data**



**Democratising FAIRness  
by  
adding metadata  
to**

**a storage platform researchers love to use**



**Science  
Mesh**

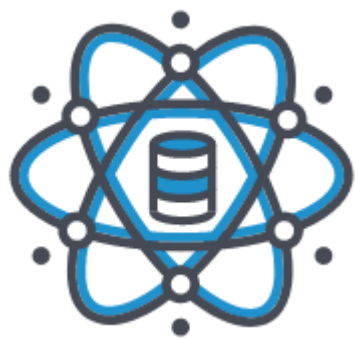


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Guido Aben, OSFair, 22 Sept 2021



26/10/2021



**Data Science  
Environments**



**Open Data Systems**



**Collaborative  
Documents**



**On demand large  
dataset transfer**

## The Research Data Management Lifecycle

### Problem

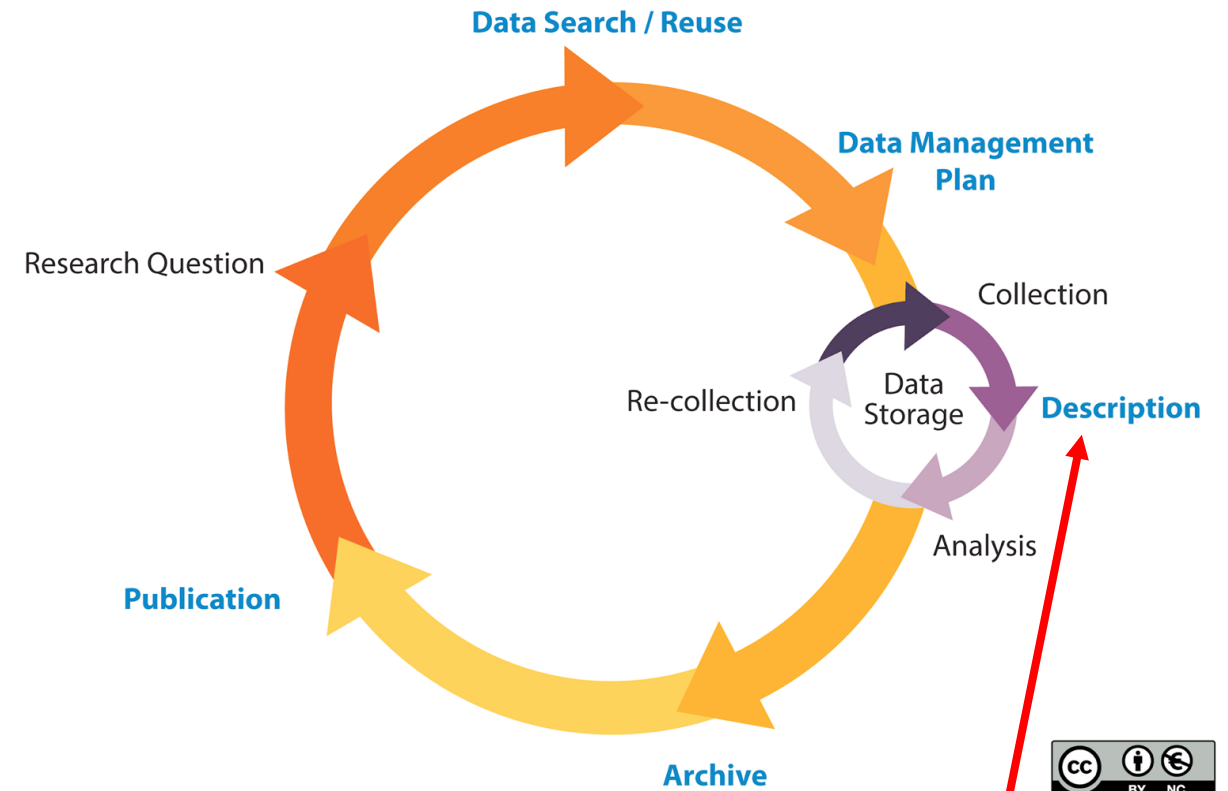
Research projects don't always involve work practices that describe the data generated so that it meets the FAIR principles.

### Opportunity

The Science Mesh is full of live data, freshly gathered

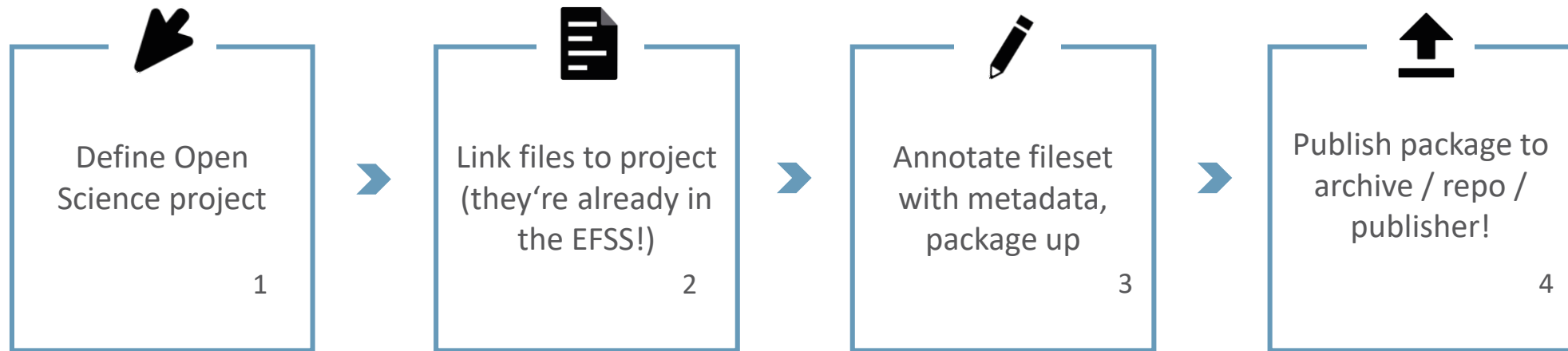
### Solution

Offer data description tools on top of the EFSS – let users annotate as it's being created using open standards and tools



T4.2 goes here

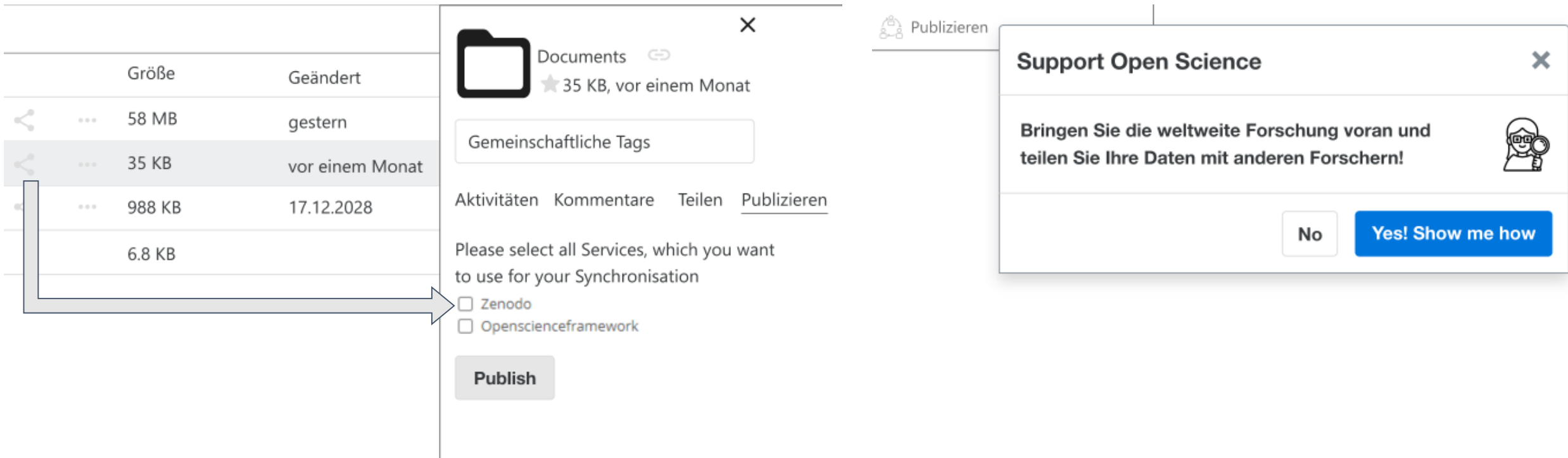
So we have an EFSS full of live research data –  
how can we get more value out of that?  
FAIR and Open Science seem tantalisingly close!



 OSF **zenodo**

...

## ScieboRDS – starting a Project – User Interface & Digital Nudging Example



The screenshot illustrates the ScieboRDS user interface during project creation. On the left, a table lists files with columns for 'Größe' (Size) and 'Geändert' (Modified). The second row, representing a 35 KB file modified 'vor einem Monat', is highlighted. An arrow points from this row to a 'Documents' folder view on the right. This view shows the file's details (35 KB, modified a month ago) and a 'Publizieren' (Publish) button. Below the folder view, a dialog box titled 'Support Open Science' is displayed, asking the user to share their data with other researchers. The dialog includes a 'No' button and a 'Yes! Show me how' button.

	Größe	Geändert
...	58 MB	gestern
...	35 KB	vor einem Monat
...	988 KB	17.12.2028
...	6.8 KB	

**Documents** 35 KB, vor einem Monat

Gemeinschaftliche Tags

Aktivitäten Kommentare Teilen Publizieren

Please select all Services, which you want to use for your Synchronisation

- Zenodo
- Openscienceframework

**Publish**

**Support Open Science**

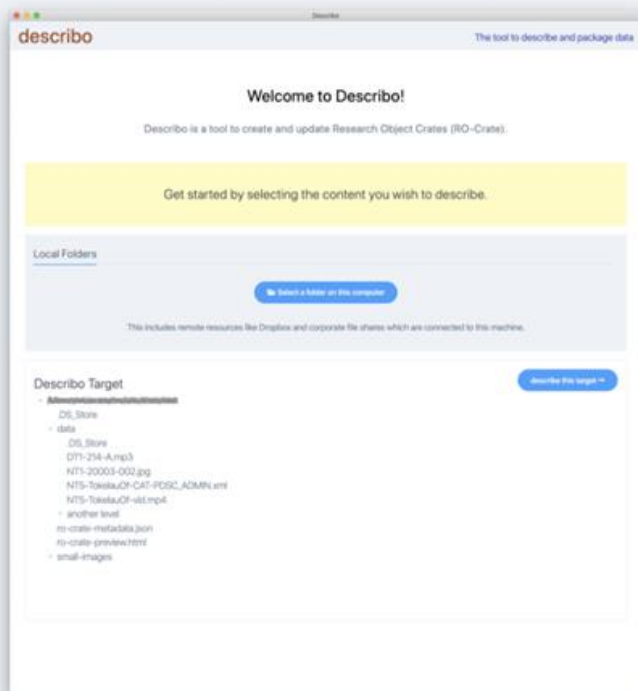
Bringen Sie die weltweite Forschung voran und teilen Sie Ihre Daten mit anderen Forschern!

No Yes! Show me how

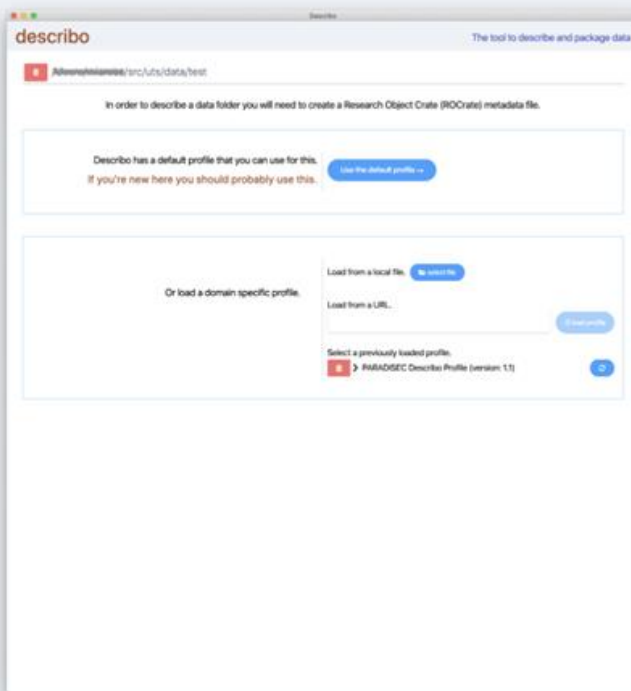
# Describo

The tool to describe and package data.

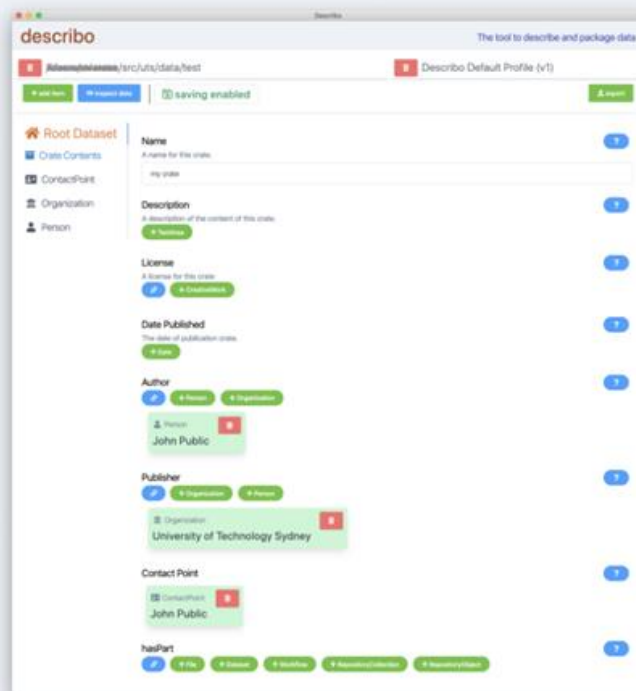
Describo is a tool to create and update **Research Object Crates (RO-Crate)**



Select a folder to describe.



Select a profile.



Describe your data.



## Export my RO-Crate

A crate can be exported as a plain Zip archive or a BagIt Bag.

 select folder

Please select a location to save the export. You can't save the export to the same folder you're archiving or a subpath of it.

BagIt

Should a BagIt bag be created?

test-2020-05-19-15-05.ro-crate

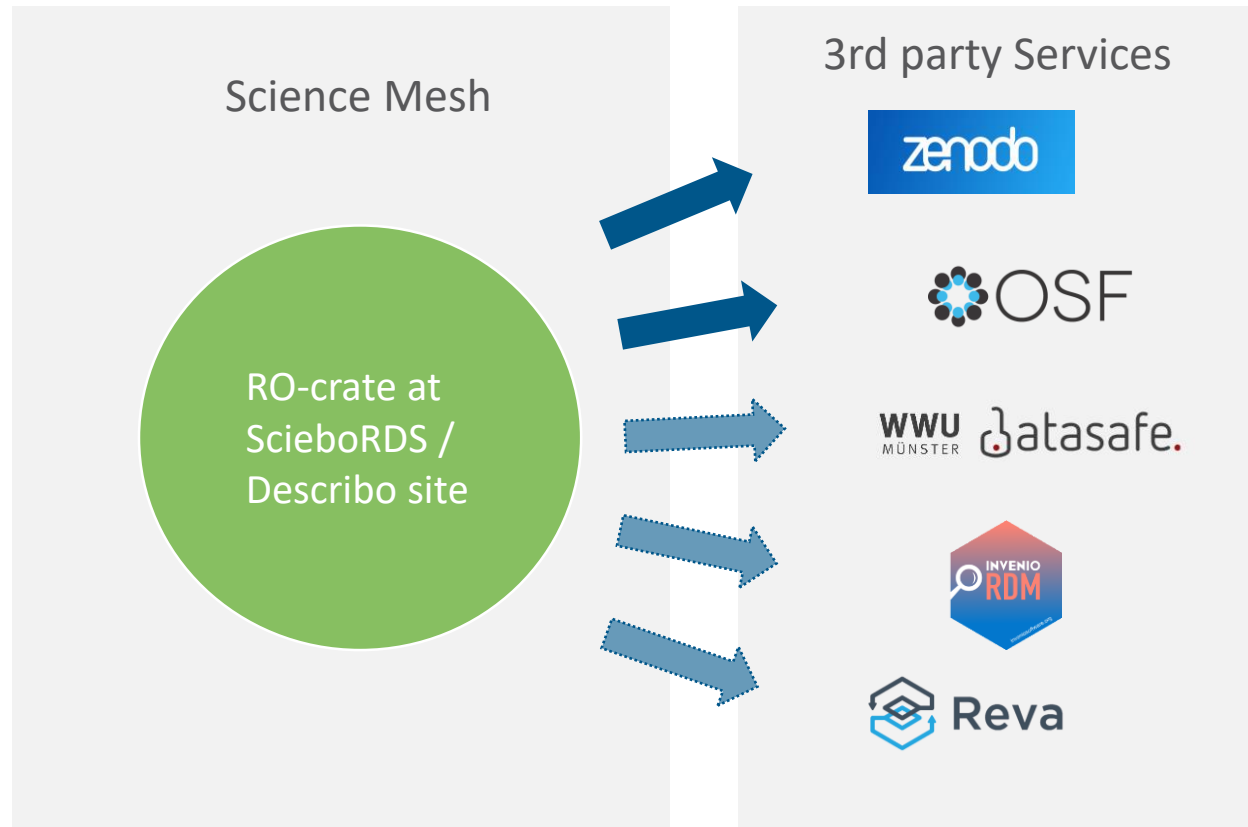
The name of the archive that will be created.

Create Archive at /~~XXXXXXXXXX~~/src/uts/data

22%

 Stop Export

And finally, help users export (publish/archive/etc) their RO-crate to 3rd party services







<https://sciencemesh.io>

<https://gitter.im/sciencemesh/community>

<https://github.com/sciencemesh>