



Community Building

***How to share more and
Help each other***



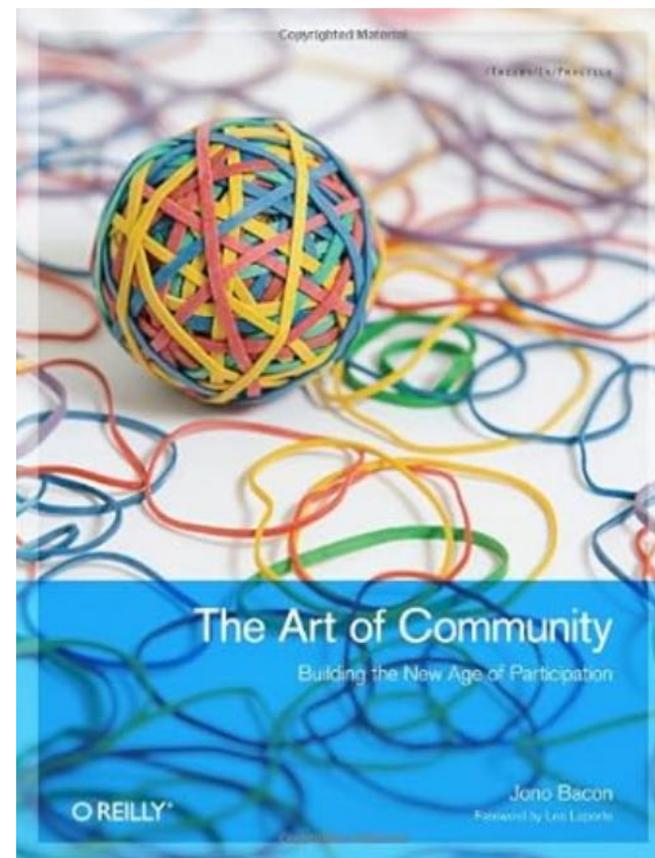
Motivation

Some reasons why we need to continue building community :

1. Research Data Management is fundamental to our facilities and science
2. Sharing and improving RDM practices will benefit our users and science
3. This meeting shows how much good work is happening in the community + more partners will increase sharing on individual solutions
4. We need to ensure that ICAT is still a good solution in 20 years !

Tools for building communities

- A shared purpose / solution – **RDM with ICAT**
- Community manager → **Kevin Phipps**
- Community meetings – **more meetings like this one!**
- A (good) website → **missing**
- A Users forum → **missing (?)**



Attracting more sites to ICAT – an example



OSCARS
Open Science Clusters' Action
for Research & Society

**OSCARS Funded Project:
HiMAGNETOS: High Magnetic Field Open Science**

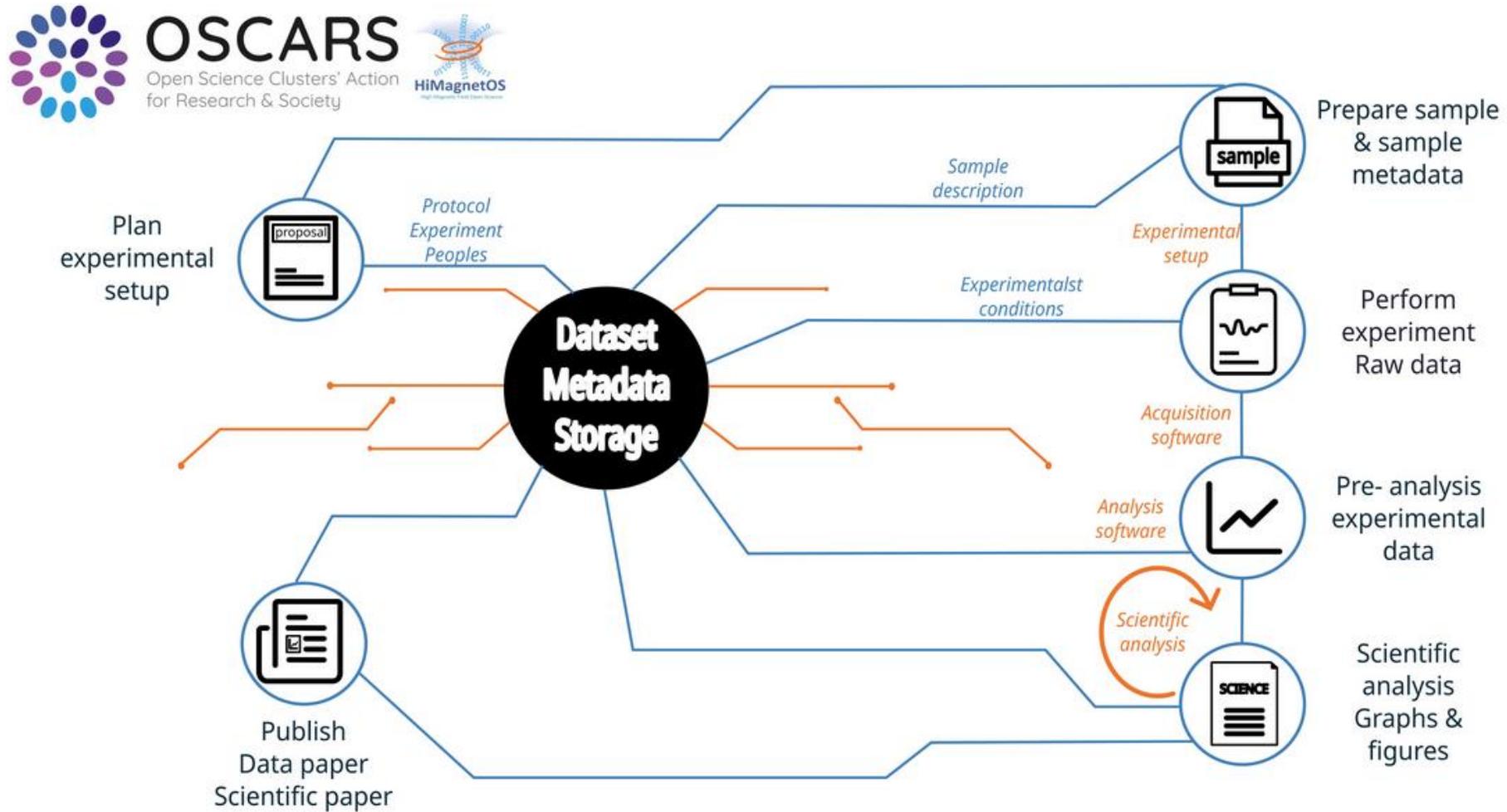


Funded by
the European Union

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<https://oscars-project.eu/projects/himagnetos-high-magnetic-field-open-science>

Attracting more sites to ICAT – an example





How to integrate new sites?

- Sites deploying ICAT or versions like DRAC (to replace ISPyB or for any techniques) should join the ICAT collaboration
- We need to keep the list of sites using ICAT updated and displayed on the website
- We should share communication materials for introducing new sites to ICAT
- All sites should display the ICAT logo
- All ideas are welcome!



Possible topics for collaboration

- Newcomers will be interested to have an easy way to deploy ICAT easily
 - The ALBA solution on K8S looks like a good solution for this?
 - Do we have a standard docker compose solution which could be the reference?
- It would be good to share ingestion solutions
 - ALBA's PACER solution looks very promising
- What are sites doing for sample metadata, how can we share metadata definitions
 - SEPIA @ HZB
 - SHARE @ ESRF
- Data publications could be a common service offered by ICAT sites?
 - Would give users the option to create a publication of data which they do not plan to analyse
 - HZB already has Data Publications but only for text publications it seems
- Performance issues
 - Are there any tips or tricks on how to get best performance
 - Do we have metrics of best performance
 - What is the impact of authorisation rules e.g. admin is faster
- Technical debt
 - What issues of technical debt do we have e.g. payara / files table too big / ...



Possible topics for the future

- Ideas for new topics
 - Implement DCAT-AP for sharing data
 - Share guidelines on FAIR metrics
 - Implement metadata for AI
 - CoreTrustSeal certification
 - Visualisation service
 - Hibou @ ESRF