

EXPANDS

**European Open Science Cloud Photon
and Neutron Data Services**

SciCat and data ingestion

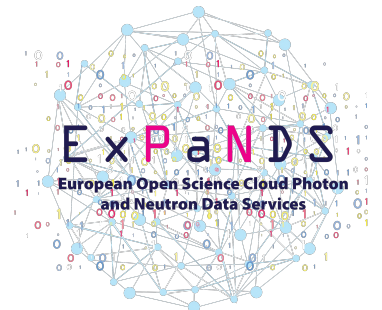
at PSI



This project receives funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 857641

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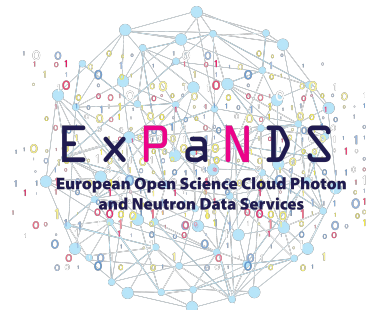


SciCat

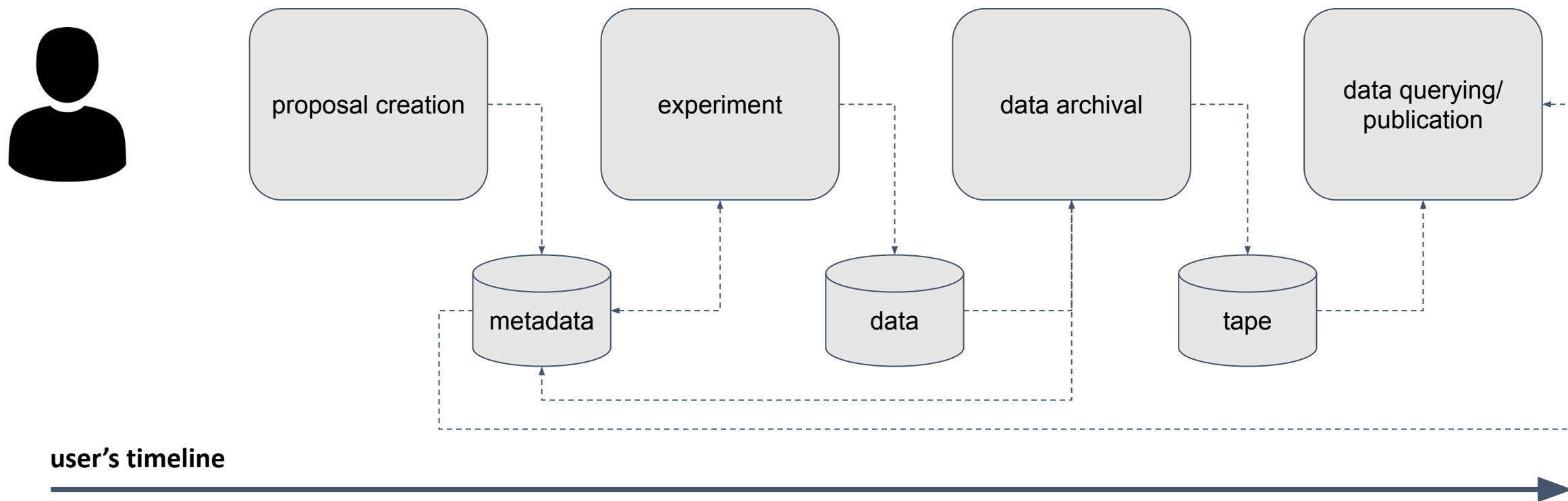
Manage and annotate your scientific data and publish as open data.



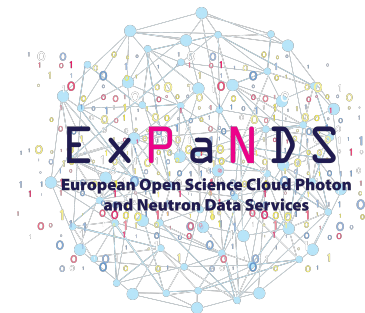
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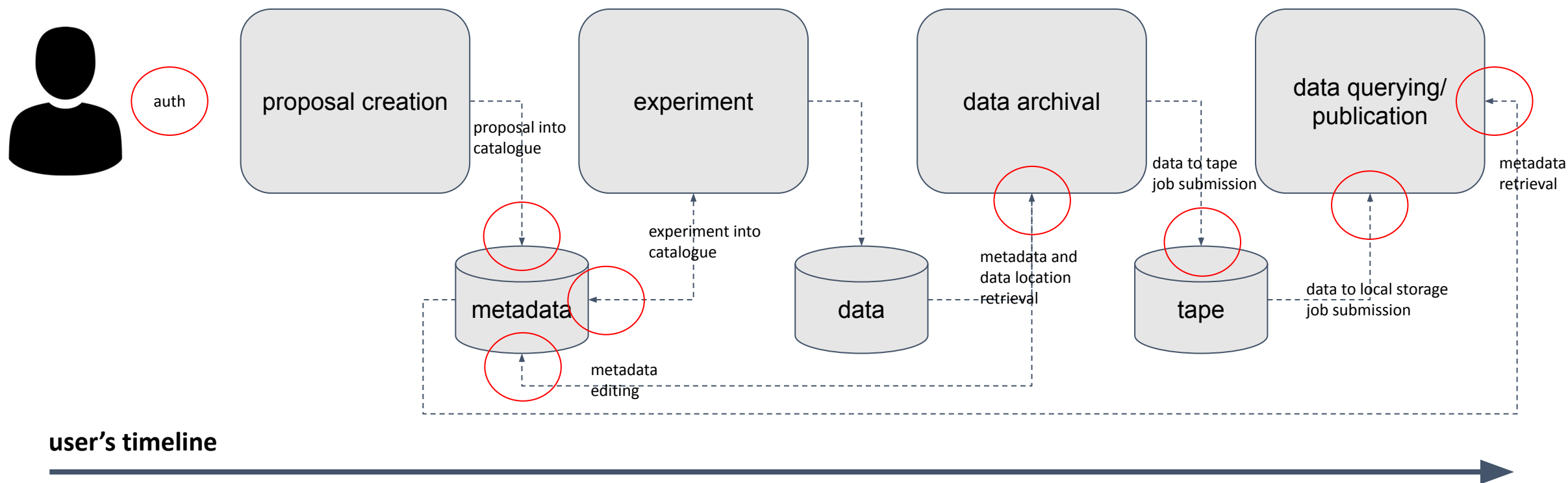
A typical user journey



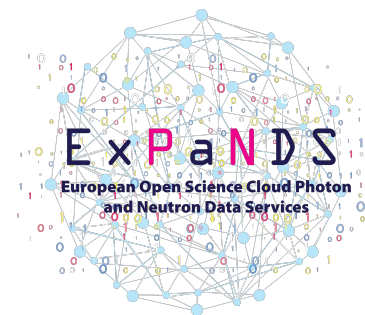
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A typical user journey

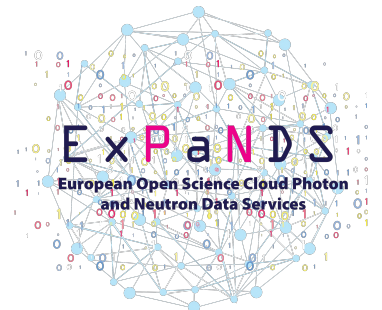


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







Data flow





<https://scicatproject.github.io/documentation/Operator/img/DacatDataflowV3.png>







Deployment


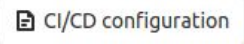


**catamel** 
Project ID: 6919








  Star 0  Fork 0  Clone

 35 Commits  3 Branches  0 Tags  287 KB Files

master catamel / + History Find file Web IDE

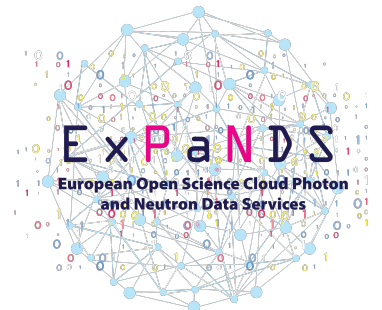
 **Merge branch 'qa' into 'master'**   7b289f56 

 README  CI/CD configuration  No license. All rights reserved  Add Kubernetes cluster

Name	Last commit	Last update
 catamel @ 02e9777c	Rebased submodule to get latest changes	6 days ago
 helm	Update configmap files to use the ones for dev	6 days ago
 helm_configs	Change host to one supported by tls	5 days ago
 .gitlab-ci.yml	Activated helm tests to run automatically	6 days ago
 .gitmodules	Initial commit, including git submodule	2 weeks ago
 README.md	Update readme to include git workflow and CI	1 week ago
 docker-compose.dev.yml	Add necessary configs to docker compose	6 days ago

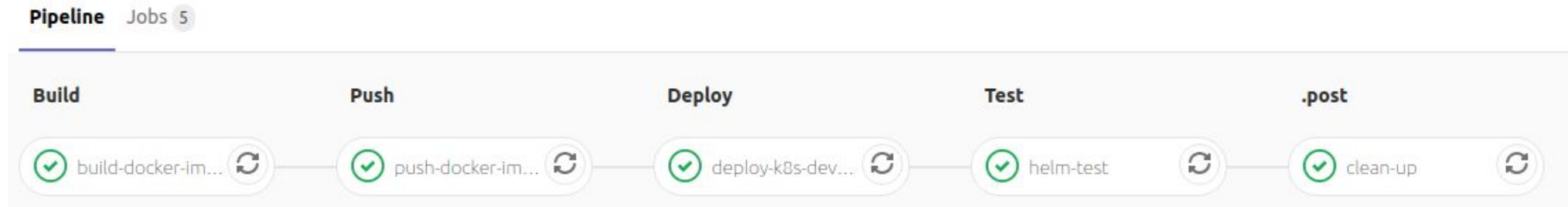


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Deployment

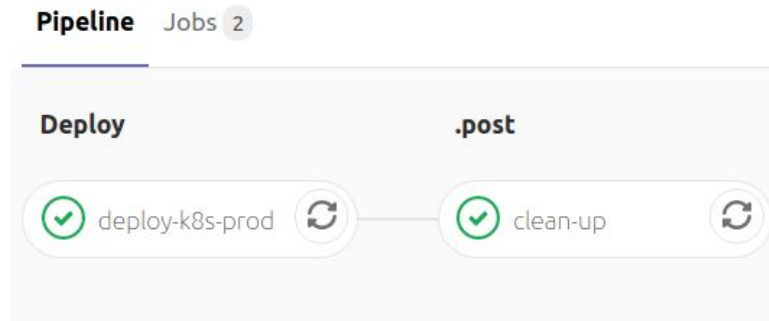
On MR/PR from
any branch to QA:



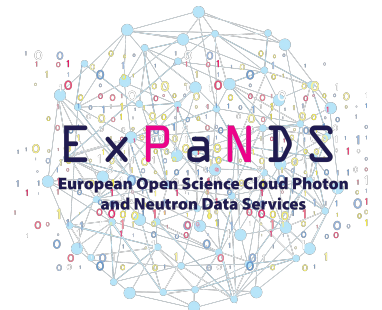
On merge to QA:



On merge from
QA to MASTER:



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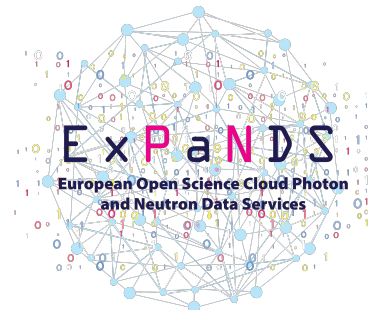
Future steps

- Migration to public reachable k8s cluster.
- OAI-PM migration to same k8s cluster.
- Helm chart upload on a chart museum.
- .gitlab-ci.yaml sharing.



Useful links

- <https://www.ibm.com/products/arema-archive-and-essence-manager>
- <https://nodered.org/>
- <https://github.com/SciCatProject/catanie>
- <https://github.com/SciCatProject/catamel>
- <https://www.rabbitmq.com/>
- <https://scicatproject.github.io/documentation/>



Thank you



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