SciCat 4 DAPHNE

DAPHNE contribution to SciCat developments – regular reports

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2024-12-16

HELMHOLTZ

DESY.

New features in?!

Progress, advancing and closer to the user.

Task list had 6 main tasks.

1. Typescript SDK

2. DataCite mapping

3. Dataset types, Proposal types

4. FE rendering of e.g. links, dates as links and dates.

5. Improve db performance and filtering

6. Security scanning

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DAPHNE contribution to SciCat
Project update report

Last updated: 2024/12/13
Updates: 2024/12/06
2024/11/15
2024/11/01
2024/10/25
2024/10/23

Summary

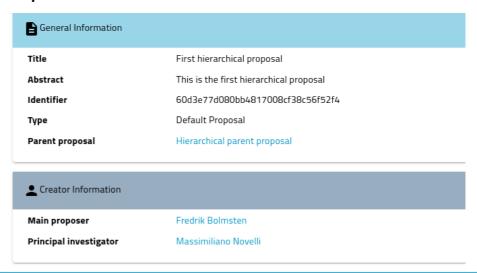| Task	Title	Status	Estimated (d)	Actual (d)
1	**Refactor frontend (FE) to use new autogenerated typescript SDK**			
1.1	explore changes needed	Completed	2	1
1.2	review and validation of findings	Completed	1	0.5
1.3	create roadmap	Completed	1	0.5
1.4	frontend code refactoring, CI tests passing	Completed	8	8
1.5	review current frontend tests	Completed	5	5
1.6	Bug fixing	In Progress	0	1
3	**Implement additional dataset and proposal types, including hierarchical grouping**			
3.1	Implement new version of dataset endpoints utilizing new dataset schema	In progress	5	7
	Add new dataset.v4.controller with minimal endpoints.	Completed	1	1
	Use only unified dataset types	Completed	0.5	1
	Merge GET /datasets/fullquery and GET /datasets	Completed	1	1.5
	Split functionalities in different endpoints	In progress	1.5	2
	Investigate about suggesting some better format for GET /datasets filter input	In Progress	1	1.5
3.2	Review and refactor dataset's endpoints API tests	Scheduled	5	0
3.3	Implement new dataset types with type lists in configuration and controlled by site admins, including refactoring api tests and updating documentation.	In progress	0	0.5
3.5	Add parent proposal field to proposal sub-system, including testing and documentation.	Completed	1.5	1.5
3.6	Add proposal type fields to proposal sub-system, including testing and documentation.	Completed	1.5	1.5

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✅ *Parent proposal, e.g. DOOR proposal ID*

✅ *Child proposal (1st proposal): beamtime ID*

✅ *Grandchildren proposal (2nd proposal): any potential sub beamtime ID*

📄 General Information	
Title	First hierarchical proposal
Abstract	This is the first hierarchical proposal
Identifier	60d3e77d080bb4817008cf38c56f52f4
Type	Default Proposal
Parent proposal	Hierarchical parent proposal

👤 Creator Information	
Main proposer	Fredrik Bolmsten
Principal investigator	Massimiliano Novelli

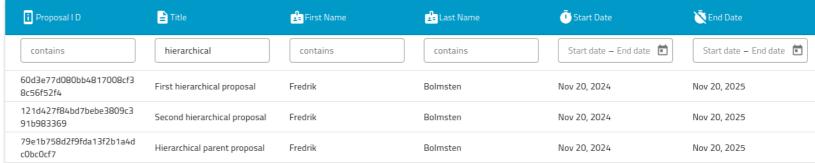| ℹ️ Proposal I D	📄 Title	🪪 First Name	🪪 Last Name	⏱️ Start Date	🗓️ End Date
contains	hierarchical	contains	contains	Start date – End date 📅	Start date – End date 📅
60d3e77d080bb4817008cf38c56f52f4	First hierarchical proposal	Fredrik	Bolmsten	Nov 20, 2024	Nov 20, 2025
121d427f84bd7bebe3809c391b983369	Second hierarchical proposal	Fredrik	Bolmsten	Nov 20, 2024	Nov 20, 2025
79e1b758d2f9fda13f2b1a4dc0bc0cf7	Hierarchical parent proposal	Fredrik	Bolmsten	Nov 20, 2024	Nov 20, 2025

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GET	/api/v4/datasets	It returns a list of datasets.
POST	/api/v4/datasets/isValid	It validates the dataset provided as input.
GET	/api/v4/datasets/fullfacet	
GET	/api/v4/datasets/metadataKeys	It returns a list of metadata keys contained in the datasets matching the filter provided.
GET	/api/v4/datasets/findOne	It returns the first dataset found.
GET	/api/v4/datasets/count	It returns the number of datasets.
GET	/api/v4/datasets/{pid}	
PATCH	/api/v4/datasets/{pid}	It partially updates the dataset.
PUT	/api/v4/datasets/{pid}	It updates the dataset.
DELETE	/api/v4/datasets/{pid}	It deletes the dataset.
GET	/api/v4/datasets/{pid}/logbook	Retrive logbook associated with dataset.

v3 to v4: reduced code from ~2500 lines to ~800 lines.

Outlook and Conclusion

SciCat 4 DAPHNE

- Regular meetings well established

  - building up SciCat expertise with hands-on tasks

  - add more to the list (e.g. tab implementation)

  - discuss also other issues than on the list (user issues at DESY)

- DAPHNE contribution extremely well received: Many of "our" (DAPHNE) features benefit the community even "our" (DESY) proposal hierarchy.

- Next meeting end of January or February - to be confirmed.

Please let us know your issue with SciCat !

But be merciful and aware a new SciCat documentation is in the progress of being written…

Thanks