Meeting Notes
20th of August 2024

- Enterprise Partners
  - Dectris is interested to collaborate with SciCat project and to have strong ties with the project
  - We should be careful to announce or post logos before contribution has been made
  - We should do some research on how to frame this type of collaboration.
  - We should check how Apache does this
  - Maybe is time to implement a governance model for the project

- Logo
  - RFI will contribute in revising the project logo
  - We will try to deliver a logo for SciCat and SciCatLive
  - Most likely we will come up with three examples and present them to the community

- Release Jobs
  - No update

- Release Search UI
  - Igor show caseed the latest frontend latest PR.
  - BE PR 1337 still need to be reviewed https://github.com/SciCatProject/scicat-backend-next/pull/1337
  - The new look is nice and clear

- SciCatLive
  - There is a long standing PR about certificate and httpd certificates
  - SSL communication is managed by Traffic
  - MVP release is user ready
  - Effort will decrease
  - Documentation is generated using the Readme files
  - Documentation should be refined
  - Documentation will be handled as new release.

- DSK
  - Jay provided an introduction
  - Jay has been working on it
  - Dylan asked about python SDK

- ○ Multiple people are worried in publishing multiple python low levels interfaces
- ○ An idea might be to drop completely pySciCat as it is now and publishe the python SDK as pySciCat
- ○ Bjorn suggested to build the python SDK as an artifact of each release and for the HEAD version
- ○ One question is how to test the python SDK and how to ensure that it is entirely functional.
- ○ Laura strongly supports avoiding library duplication.
- ○ Maybe we should phase out pySciCat current version, autogenerate the next version and publish it as a breaking change
- ○ Bjorn suggests the following:
  - ■ autogenerate python SDK and publish it as it is
  - ■ build pySciCat on top of python SDK. Include extensive testing and keep backward compatibility
- ○ Dylan agrees with Bjorn, although pySciCat does not have much more functionality than the python SDK.
- ○ Dylan suggests that maybe a clean break for pySciCat will be a better decision in the long run
- ○ Currently the plan is to publish the python SDK directly to pypi.

- ● Datafile Actions
  - ○ Max will fix the issues reported by Bjorg

SDK roadmap proposal

Following the discussion during the last collaboration meeting, I propose the following roadmap forward regarding the SDK:

- Finalize auto generation of javascript and python SDKs CI/CD
- Publish them automatically on the language specific platforms automatically with the following names:
  - javascript: scicat-sdk-js
  - python: scicat-sdk-py
- Publishing platforms are:
  - javascript: npm-js
  - python: pypi
- Clearly state that SDKs are provided as they are. No testing is done during CI/CD
- Include new languages as needed
- Assess current pySciCat version.
  Establish the effort to build it on top of scicat-sdk-py and add extensive testing.
- Market pySciCat with as the low level SciCat python library, providing the following:
  - additional functionalities,
  - extensive testing
  - backward compatibility
  - different release cycle from the SDK due to human revisions
- After 6/122 months evaluate if having scicat-sdk-py and pyScicat is sustainable and the most sensible. We will adapt the road map forward based on the outcome.

This roadmap is recorded in the following github issues:
https://github.com/SciCatProject/scicat-backend-next/issues/1403

Proposed Agenda
3rd of September 2024

- Current releases updates
  - Jobs
  - Search UI
  - SciCatLive
  - SDK
  - Branding
  - other efforts
- UI/UX review
  - volunteers for feedback interview needed
- PR and issues
- Additional topics

Open discussions for future features

currently not scheduled on any release

- Proposed types for Scientific Metadata, Issue #984
  - https://github.com/SciCatProject/scicat-backend-next/issues/984

- Metadata entry schema
  - The overall metadata schema is free for the user to design their own structure
  - SciCat will impose a schema at the entry level to be able to interpret and visualize the values reducing uncertainty and wrong interpretation
  - https://github.com/SciCatProject/scicat-backend-next/issues/939#issuecomment-1874033672
  -
- Dataset hierarchy
  - Proposed solution:
    - unify the dataset schema
    - add dataset type: collection (specialized type of derived dataset)
    - add relationships and leverage them to build a hierarchy
  - https://github.com/SciCatProject/scicat-backend-next/issues/805

- Independent endpoint for datasets scientific metadata management
  - https://github.com/SciCatProject/scicat-backend-next/issues/954
  - As we use SciCat as our platform to curate our dataset, it is becoming more important to be able to add, update or delete individual scientific metadata entries
  - High priority

- Dataset history and update history
  - should we create a stand alone collection for update history?
  - should we track any changes made to datasets?
  - should we track changes made to other objects?

SciCat Collaborators Zoom meeting details

Topic: SciCat Collaborators Meeting
Time: Feb 6, 2024 04:00 PM Copenhagen
        Every 2 weeks on Tue, until Dec 24, 2024, 24 occurrence(s)

Join Zoom Meeting
https://ess-eu.zoom.us/j/61405959531?pwd=MllyYm12RS9RNEdGTzR3bXRvNGp5Zz09

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