

SciCatCon 2024

Face-2-Face meeting



Hosting facility: Paul Scherrer Institut (PSI)

Dates: July 2-4, 2024

Event Page: <https://indico.psi.ch/event/15861/overview>

Registration: <https://indico.psi.ch/event/15861/registrations/2210/>



Don't forget to register.
See you in July

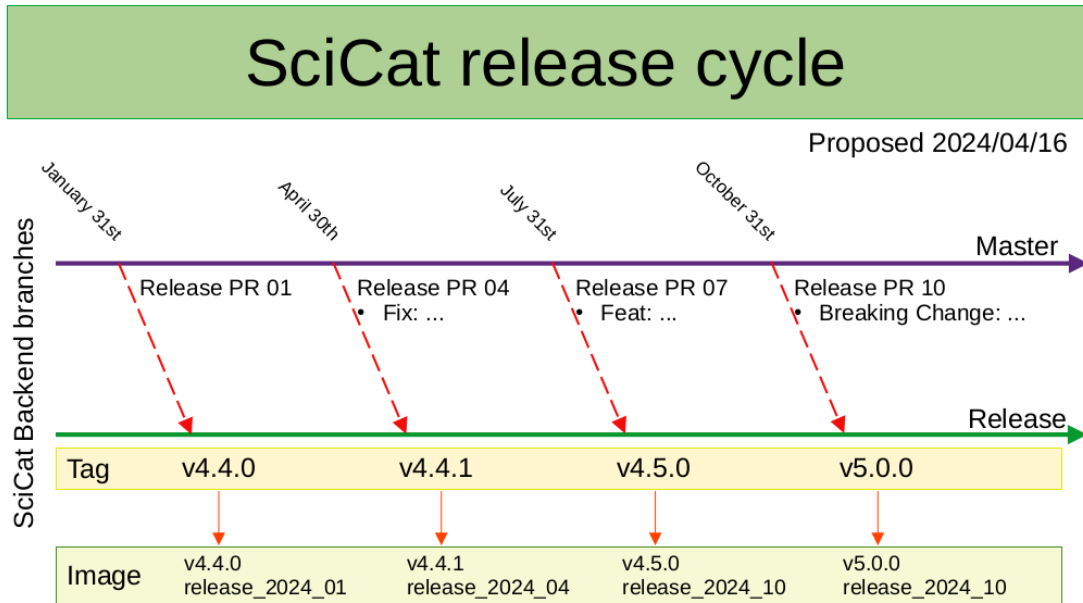
The organizing committee

Meeting Notes

16nd of April 2024

- SciCatCon 2024: SciCat In-Person Meeting 2024
 - Dates: 2-4 July 2024
 - Location: on-site at PSI, Switzerland
 - Carlo has contacted the ICAT community.
No final plan yet, but one iCat representative should be present
 - Carlo has emailed potential users for presenting at the user day.
We are still waiting from responses.
- Releases
 - Release jobs
 - Authorization PR needed to be review
 - Additional meeting needed to happen to discuss the authorization model
 - Release Search UI
 - A PR to Master has been already made
 - next will be user settings
 - demo about Elastic (<https://www.elastic.co/>)
 - Code needs to be modified to be able to use Elastic.
A PR has been created to inject elastic in FE.
 - There might be issue on integrating the needed libraries
 - Impact on performances is negligible
 - It can be used in production
 - Carlo asked the following questions:
 - what happens if elastic is misconfigured in FE?
FE will log an error, but there are no consequences on the application
 - differences between elastic and grafana (and log parsing in general)?
There are some overlapping, elastic provides statistic out of the box.
 - Release SciCatLive
 - it works with both BE and it is configurable through environmental variable
 - a jupyter lab container has been added in order to test python bindings
 - Carlo asked what to do to keep this tool in sync with new versions of the components:
 - It was suggested to use semantic versioning for the releases
 - Currently BE and FE are on v4.4.0
 - It is more important that we sync everything to the API version, which is currently in v4
 - Of course a mono repo for BE and FE will solve this issue
- Releases
 - Many facilities have their own release cycle and do not rely on official ones
 - DESY uses the official releases, specifically the Stable image which corresponds to the latest official release
 - Official releases are important for common users

- From now on the official release will be created from the release branch and the release cycle will follow the cycle illustrated in the following image:



- Related PR 1171 is merged
- Repositories
 - we need to verify that the images are correctly named
 - BE old image repository has been archived
 - old BE repo has been successfully renamed to backend-v3

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?