



Project Update Overview



SciCat

advance your data to advance your science



Statistics

Total minutes

134,161

Total minutes across all workflows in this organization for last year

Total job runs

56,507

Total job runs across all workflows in this organization for last year

Avg job run time

1m 38s

Average run time of jobs in this organization for current month

Avg job queue time

8s

Average queue time of jobs in this organization for current month

Job failure rate

6%

Failure rate across jobs in this organization for current month

Failed job usage

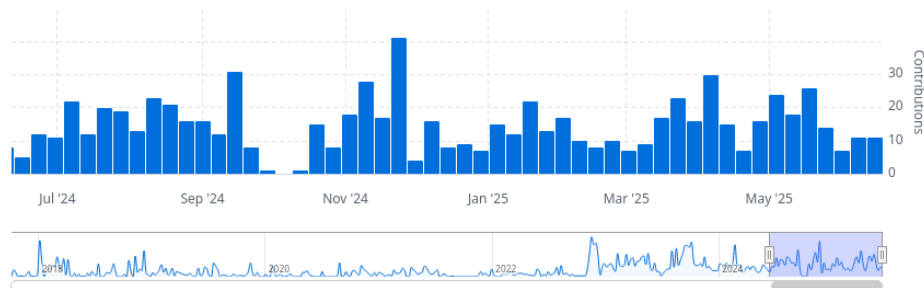
500

Total minutes used across failed jobs in this organization for current month

Backend

Commits over time

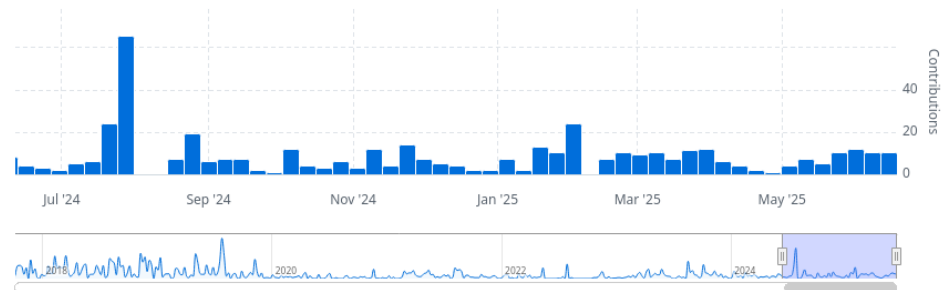
Weekly from Jun 15, 2024 to Jun 15, 2025



Frontend

Commits over time

Weekly from Jun 15, 2024 to Jun 15, 2025





Branding

<https://github.com/SciCatProject/branding>

Tagline

Advance your data to advance your science

Mission

Advance your data to advance your science. SciCat is a community driven scientific metadata catalog designed to simplify metadata management, enabling data sharing, discovery, and collaboration. By providing a central hub for metadata, SciCat makes data easily findable and accessible for the entire community. With flexible integration into diverse infrastructures and a clear path to data publication, SciCat empowers organizations to foster an open and innovative data culture, driving high-quality science forward.

Logo



SciCat

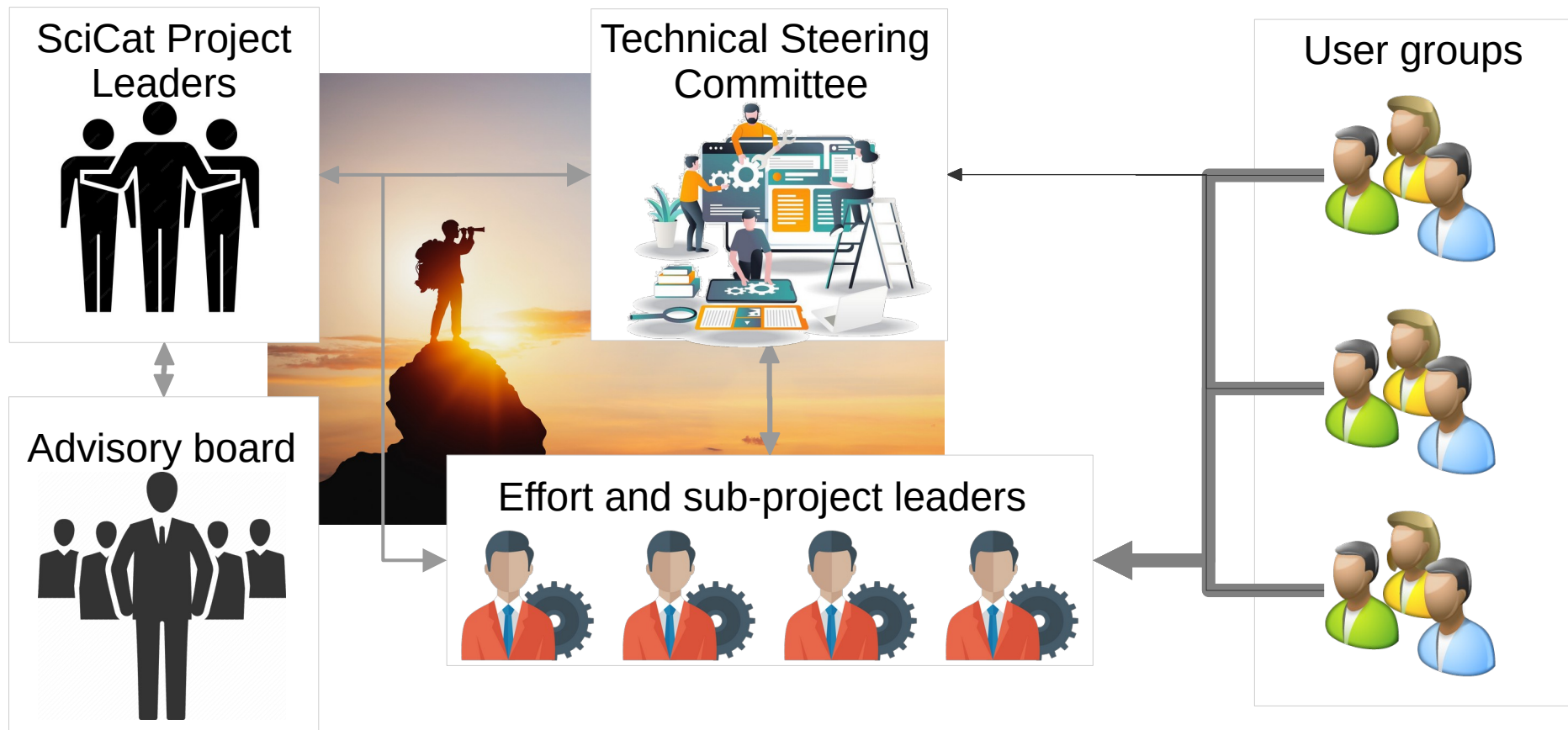
advance your data to advance your science





Governance

<https://github.com/SciCatProject/governance>





UI / UX

Amir Tosson

Powerful Backend + Well-Structured UI/UX Strategy = User Success

Roadmap

- **Expand Our Team**

Integrate more UI/UX talent.

- **Equip Ourselves**

Set up essential tools & platforms.

- **Automate Our Flow**

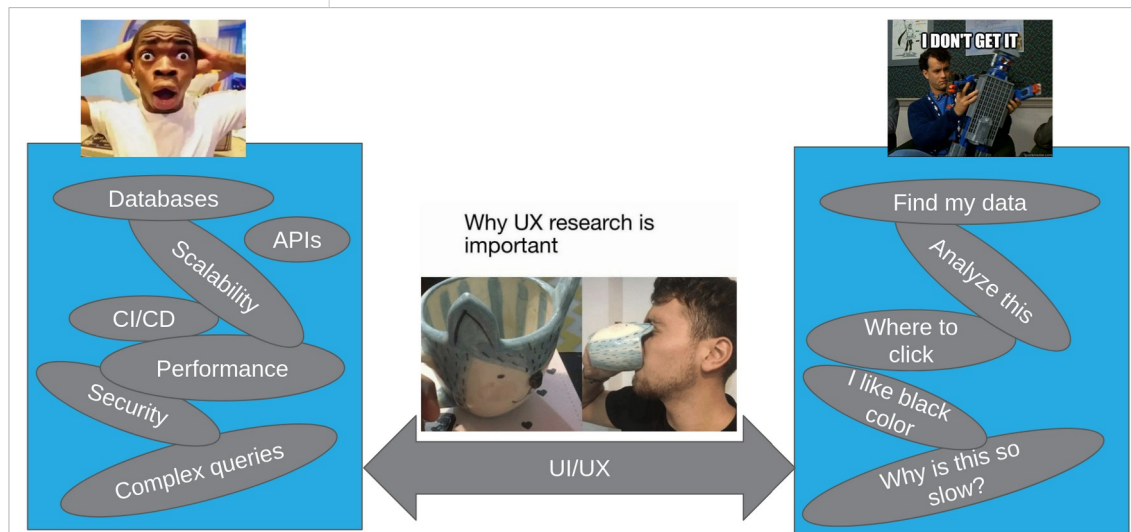
Build a clear, efficient UI/UX pipeline.

- **Define Our Blueprint**

Establish SciCat design standards.

- **Showcase Our Vision**

Deliver a Demo Use-Case: Dataset page.



Collaborative development between BE and FE



UI redesign. Draft 1

SciCat Local development

Help About Ingestor

Settings Logout

Clear Search

My Data All Public Data

Add to Cart

	Pid	Datasetname	Runnumber	Sourcefolder	Size	
<input checked="" type="checkbox"/>	20.500.12269/70e18...	Dataset 20.500.12269...		/ess/data/coda/2024/...	2 GiB	
<input type="checkbox"/>	20.500.12269/bc45d4...	Dataset 20.500.12269...		/ess/data/coda/2024/...	329 MiB	
<input type="checkbox"/>	20.500.12269/62fe34...	Dataset 20.500.12269...		/ess/data/coda/2024/...	2 GiB	
<input type="checkbox"/>	20.500.12269/47a58...	Dataset 20.500.12269...		/ess/data/coda/2024/...	108 MiB	
<input type="checkbox"/>	20.500.12269/013e7c...	loki		/ess/data/coda/2024/...	9 GiB	
<input type="checkbox"/>	20.500.12269/eea96e...	dream		/ess/data/coda/2024/...	1 GiB	
<input type="checkbox"/>	20.500.12269/12a2e...	bifrost		/ess/data/coda/2024/...	2 GiB	
<input type="checkbox"/>	20.500.12269/2c03df...	tbl		/ess/data/coda/2024/...	345 MiB	
<input type="checkbox"/>	20.500.12269/328f41...	nmix		/ess/data/coda/2024/...	919 MiB	
<input type="checkbox"/>	20.500.12269/cb5319...	odin		/ess/data/coda/2024/...	100 MiB	
				/ess/data/coda/2024/...	19 GiB	
				/ess/data/coda/2024/...	948 MiB	

1 - 25 of 38383

More Filters...

Type

Keyword

Start Date - End Date

Text

Condition

run_number > 1000



I hereby issue a formal apology to the UI/UX team.



Tables... Modern Tables

Proposalid	Pid	Datasetname	Runnumber	Creationtime	Type	
	20.500.12269/4e475e9d-1134-499e-931d-9...	Kapton insulated wire 311-KAP50-RAD		2025-01-23 09:11	raw	Fullscreen
665386	20.500.12269/bf62d3ad-3ecc-44d8-8a58-59...	SFI generator dataset with job id 264dbf5c-91...		2023-05-11 17:35	Json file	Save data
665386	20.500.12269/ed952257-c703-469f-8589-9...	SFI generator dataset with job id 84ce6169-4e...		2023-04-14 11:05	CSV file	Column setting
	20.500.12269/ba32d044-ec2f-40ad-8075-0a...	This is a derived dataset		2023-03-21 09:33	Print table	Save table setting
829773	20.500.12269/c743481d-e221-4c07-9d4c-c...	SWAP demo test		2023-03-21 09:12	raw	Default setting
262651	20.500.12269/b140f8fd-660d-4429-af72-77...	SWAP test 2023/03/14		2023-03-14 09:11	raw	Clear filter
262651	20.500.12269/591bcd4a-d6af-4b96-911f-cb...	SWAP test 2023/03/		2023-03-14 09:11	raw	
262651	20.500.12269/20479491-286a-497d-a6c6-6...	SWAP test 2023/03/14		2023-03-14 09:11	raw	
	20.500.12269/412576f2-8e8b-45df-b29a-cf...	1		2023-03-13 14:42	derived	
	20.500.12269/4f8c991e-a879-4e00-9095-5...	LDPC data		2020-02-21 11:01	derived	
	20.500.12269/7d457282-2045-440a-ab2d-b...	Fe3O4		2020-02-20 11:30	raw	
	20.500.12269/2d5af6ef-6b94-43a4-972b-4b...	V20 sample data		2020-02-06 14:02	derived	
YC75Z5	20.500.12269/2511nicos_00002511.hdf	Last Neutrons Ever at HZB.	2511	2019-12-11 13:48	raw	
YC75Z5	20.500.12269/2510nicos_00002510.hdf	WFM Low Res messing with chopper 1 and 2, ...	2510	2019-12-11 13:37	raw	
YC75Z5	20.500.12269/2509nicos_00002509.hdf	slitscan, slit2 scanning, slit3 fully open	2509	2019-12-11 12:54	raw	
YC75Z5	20.500.12269/2508nicos_00002508.hdf	slitscan, slit2 scanning, slit3 fully open	2508	2019-12-11 12:49	raw	
						Items per page: 25 1 – 25 of 21681 < >



Jupyter Notebook Generator

<https://github.com/SciCatProject/sciworm>

Details Datafiles Related Datasets Lifecycle

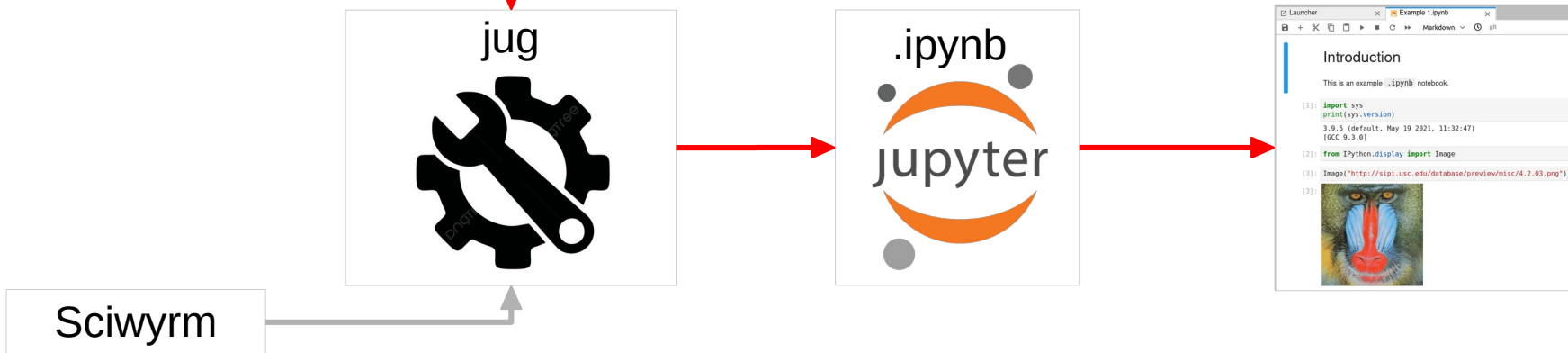
Maximum allowed download size: 999 MiB
Selected: 0 B / 999 MiB

2 datafiles.

Notebook Selected Notebook All Download Selected Download All

Items per page: 25 1 - 2 of 2

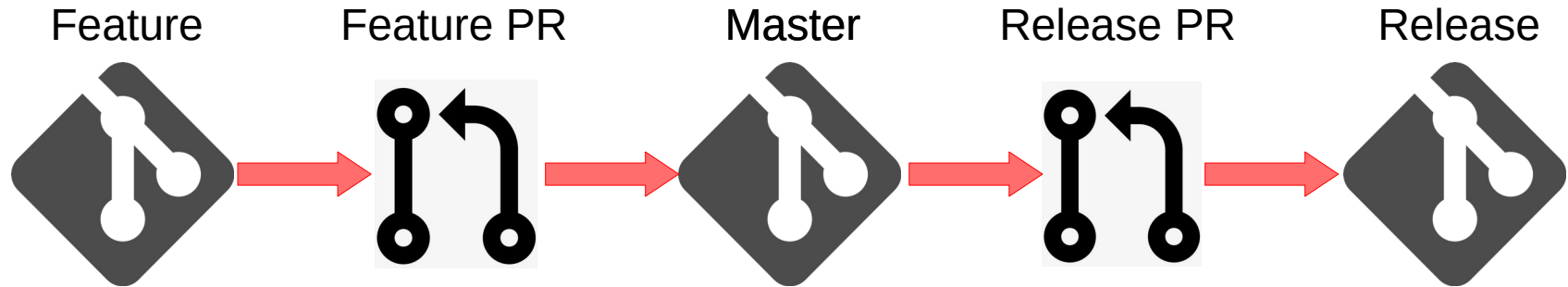
<input type="checkbox"/>	Path	Size	Time
<input type="checkbox"/>	Cave_TOF_Monitor_variants.csv	51 KiB	2025-05-07 17:43
<input type="checkbox"/>	data_dream_vana_container_sample_union.csv.zip	18 MiB	2025-05-07 17:43





Release workflow

A SciCat Release is created only when a PR from Master to Release branch is created, approved and merged.





API Versions

Management of API version

Backend version	API version
V3	V3
V4	V3
V4	V4

On-going discussion:

- Delivery complete API versions
- Establish Roadmap for:
 - Adoption
 - Deprecation
 - Deletion
- API management leadership



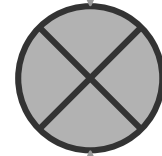
Scientific Metadata Validation

 JSON
Schema



Schema URL

Dataset





Thank you
max.novelli@ess.eu



SciCatCon

Copenhagen - 2025