SciCat: a year in review lessons learnt



EUROPEAN **SPALLATION** SOURCE

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SciCatCon 2024, PSI, Switzerland, 2024/07/03













Home



Ingest

Automate data importing



Enrich your data



SPALLATION SOURCE

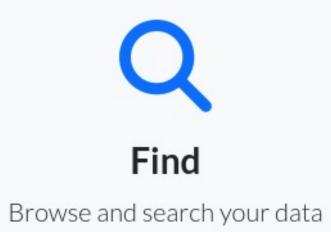
Facilities

Team

Effort Resources

?≩.dl ∎ 4:45

Manage and annotate your scientific data

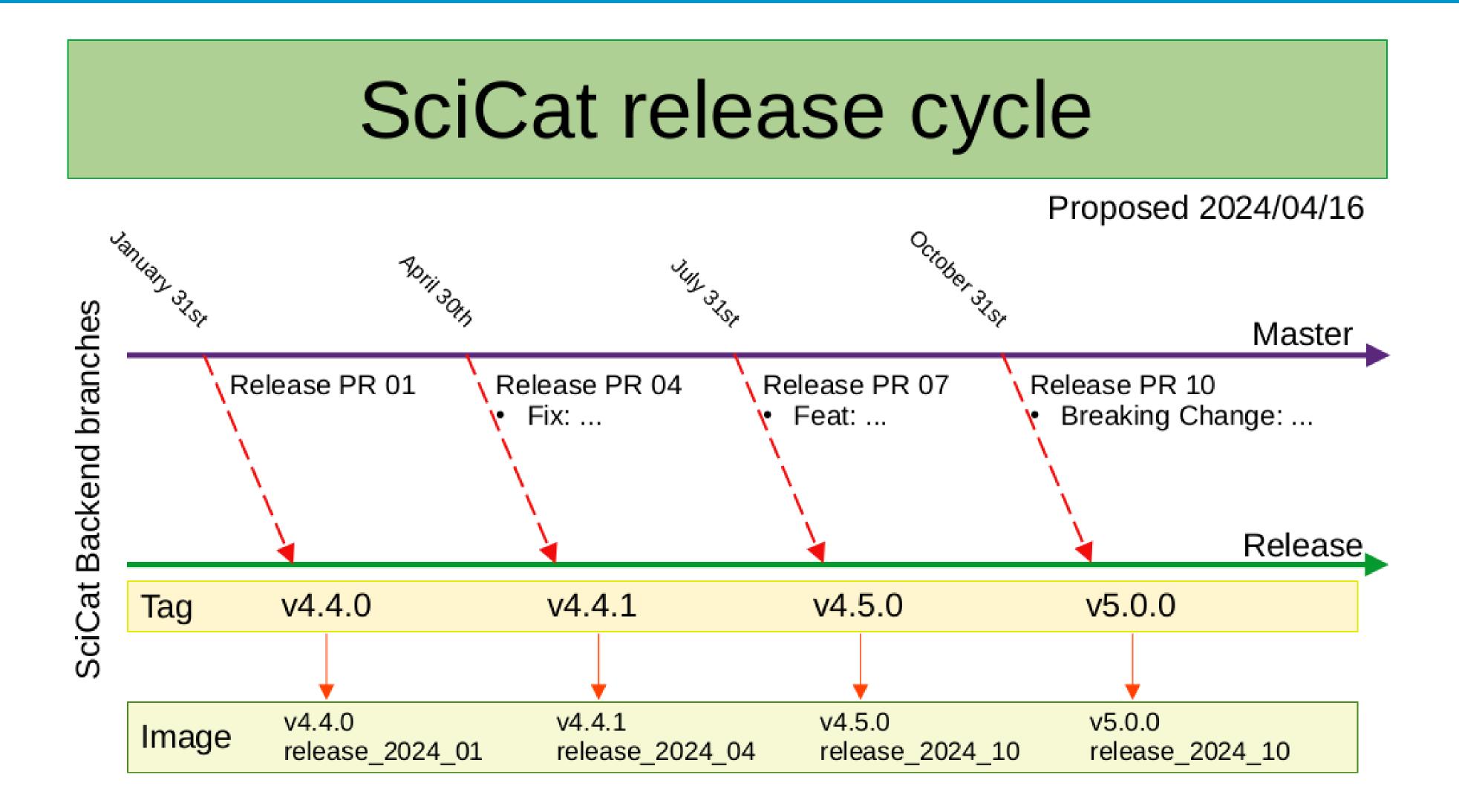




Add DOI and share



Release Cycle





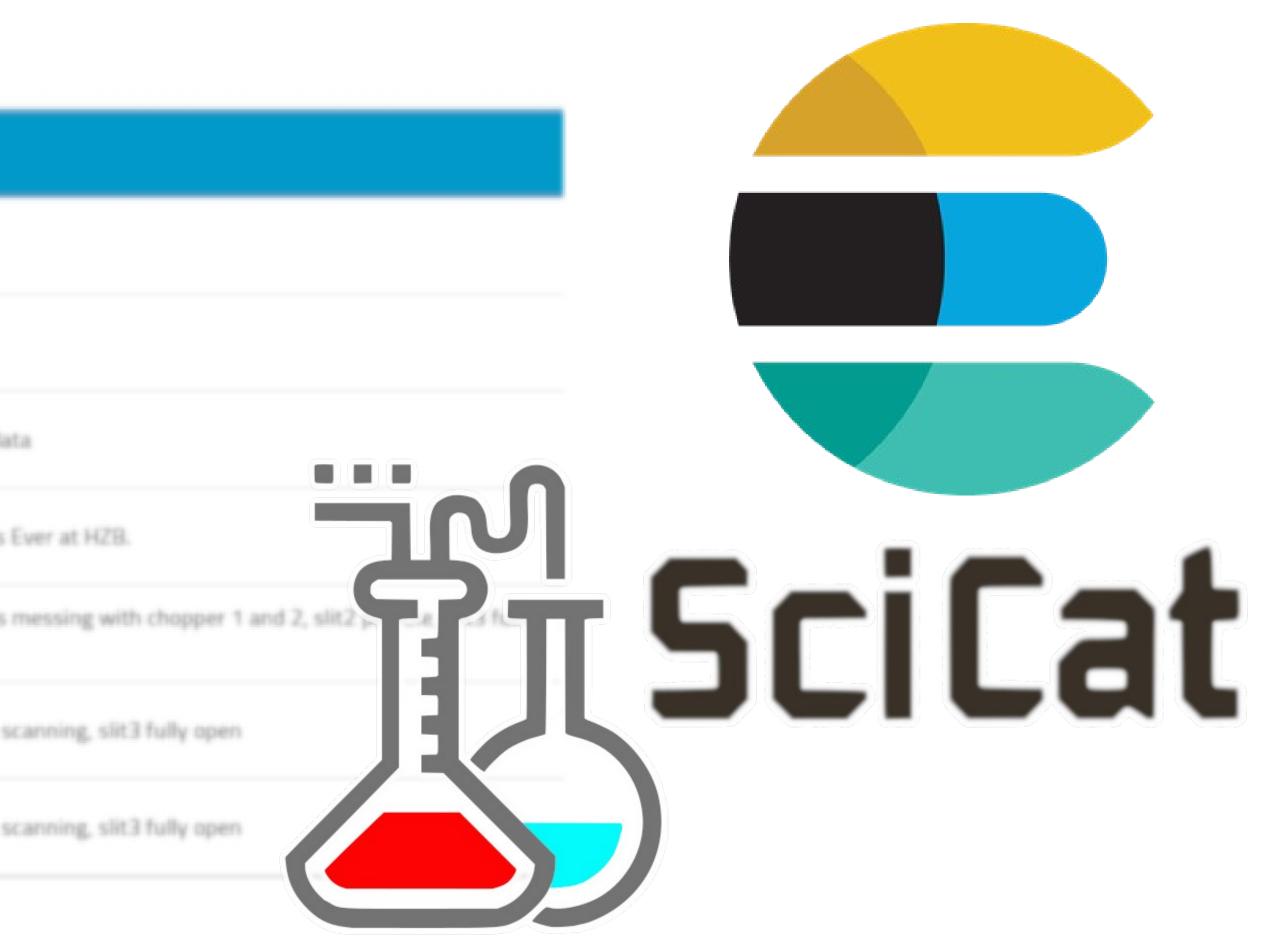


Elastic search integration

Search # Clear		
PID	20.500.12269/8ea989b2- c555-4b0a-9070-56cabcd4efe4	This is test
Text Search	20.500.12269/7d457282-2045-440a- ab2d-bdc9f440cb30	Fe304
Location	20.500.12269/2d5af6ef-6b94-43a4-972b-+	V20 sample dat
	20.500.12269/2511nicos_00002511.hdf	Last Neutrons I
	20.500.12269/2510nicos_00002510.hdf	WFM Low Res r open.
	20.500.12269/2509nicos_00002509.hdf	slitscan, slit2 s
Start Date - End Date 🛅	20.500.12269/2508nicos_00002508.hdf	slitscan, slit2 s









Project Leader Max Novelli **European Spallation Source**

Organization •Roles Responsibilities

Junjie (European Spalle

Javier F Synchrotron javier dot perez at synchro



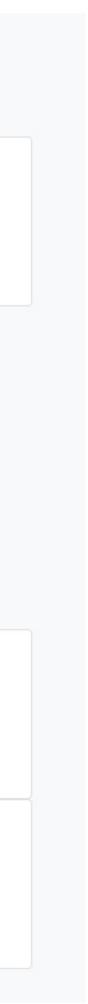
SOURCE

Team Documentation Leader PR and Issue Review Leader Laura Shemilt **Björn Pedersen Rosalind Franklin Institute** Heinz Maier-Leibnitz Zentrum max dot novelli at ess dot eu Release Search UI Leader Release Jobs Leader Spencer Bliven Igor Khokhriakov PSI DESY

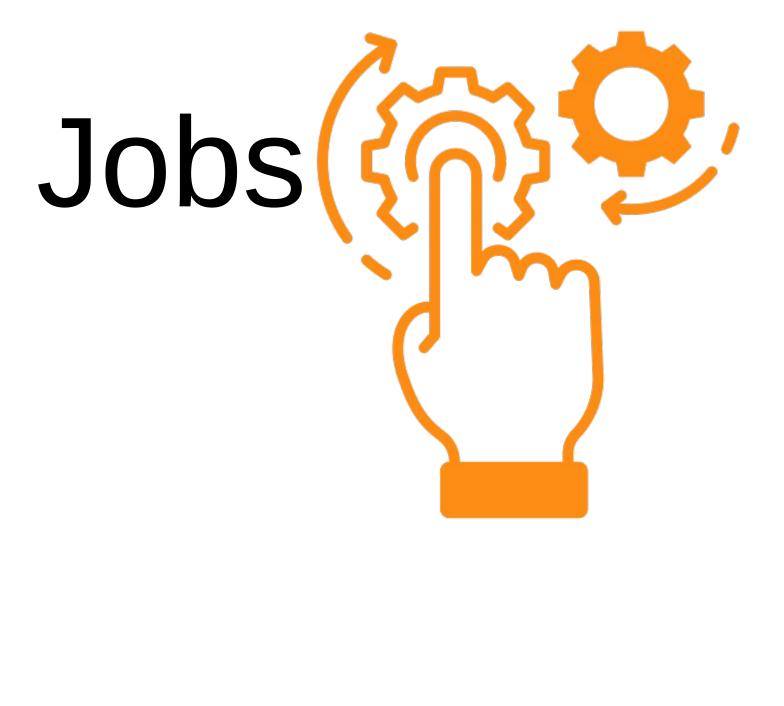
Collaborators

e Quan	Carlo Minotti	Dylan McReynolds
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Releases: work in progress









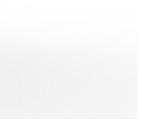
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Search UI

SciCatLive







Fundings







Statistics



Timeline



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Branding Project Vision Project Mission New logo



Project Vision



Your Scientific Data FAIR and within reach

Your science data FAIR

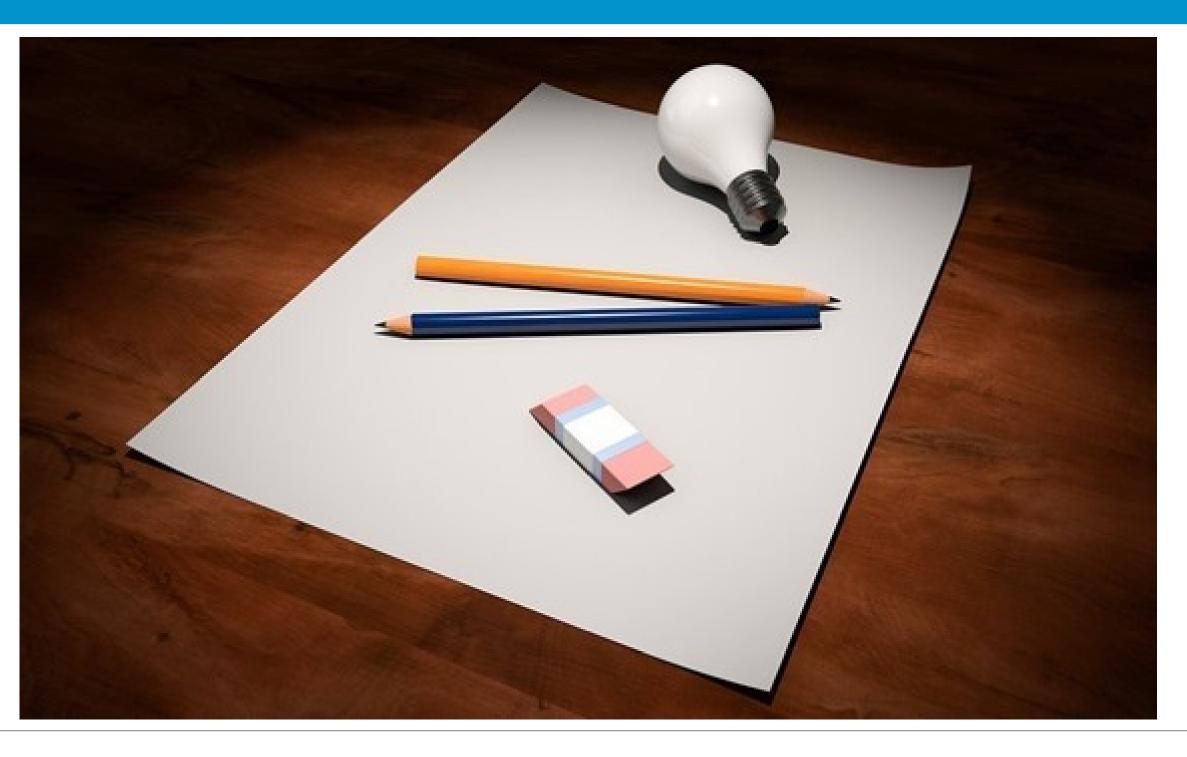


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The gateway to your scientific data FAIR







Attractive project with a committed community





Upcoming year menu: first courses

Well designed UI/UX Methodologically sound user survey

Documentation (Stand-alone and API)

Project Responsiveness



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Clean code hase



Upcoming year menu: second courses

Complete current releases

Extensive Cl testing

(unit, api, integration, use case)

Performance Test at scale

Plug-in system for customization (frontend and backend)







Upcoming year menu: dessers

Dataset model unification

Entities Relationships (Datasets, Proposals, and more)





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Datasets and Cart Actions

Sustainability





Thank you AT SciCat Max Novelli - max.novelli@ess.eu



