Status of FS SciCat for DOIs

screenshot demo of status

work-in-progress

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SciCat Technical meeting

Content overview
1. Status Pilot scicat for beamlines

SciCat at DESY for general DOI minting

Status of pilot in more detail (from week 44)

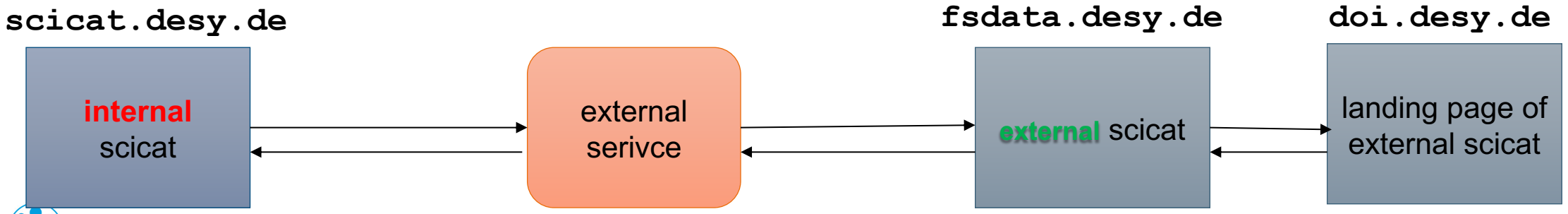
External service code (*publisher*) is now in gitlab and runs as a container in the cluster.

Part that is done:

- We assume a scicat dataset of a certain structure, as agreed by FS; Linus and Nicolas (Aug. 2025).
- it copies all associated datafiles and attaches them to the original dataset.
- it creates the copy on fsdata.
- A test job was successfully created and submitted that talks to our service.

What's on the plan?

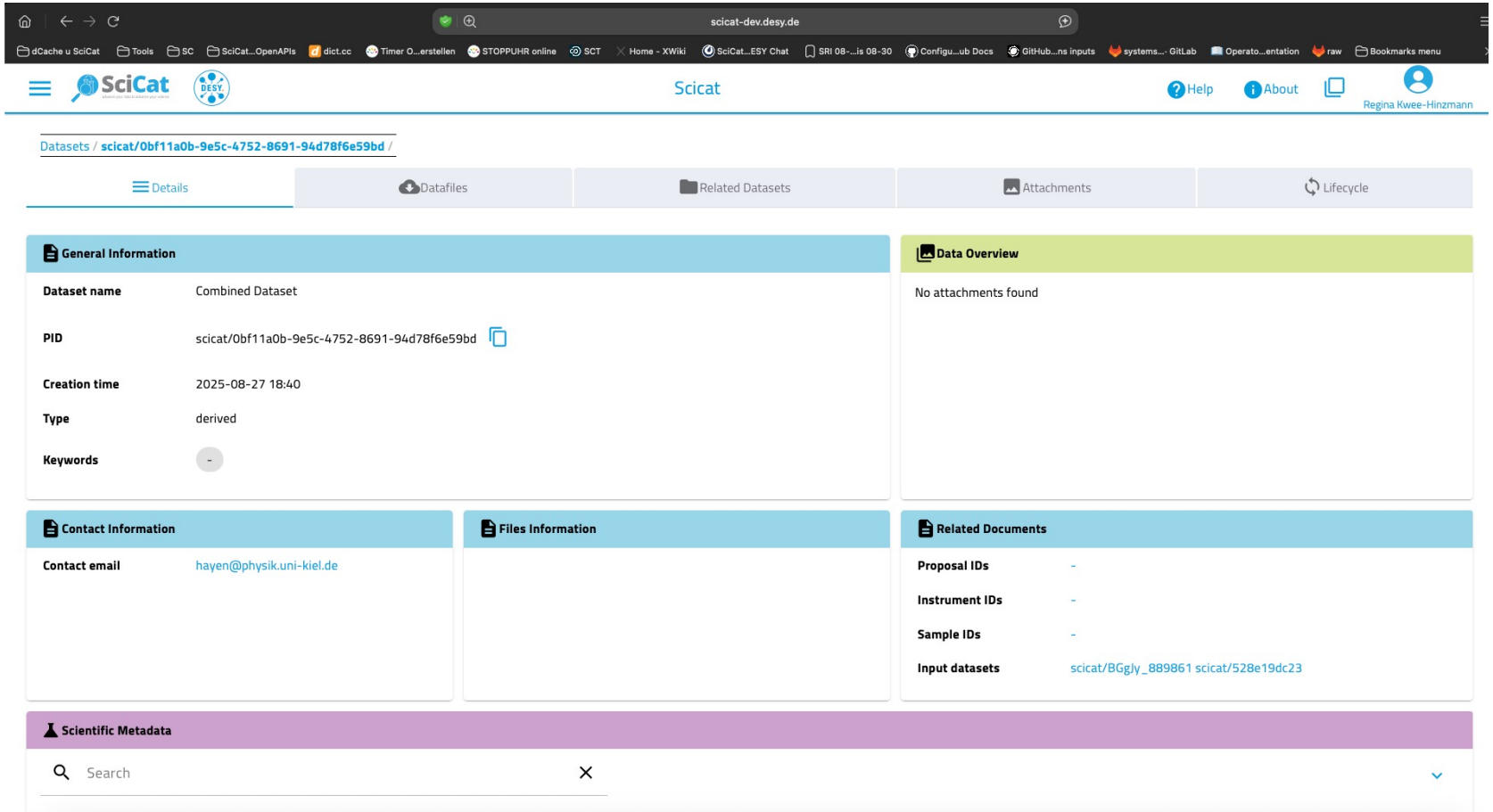
- Trigger custom job from frontend.
- Complete workflow: add email notification with the new url of the user in fsdata (add another action to the job)
- Make code robust.
- Test with other datasets.
- Handover.



DEMO

Status summary

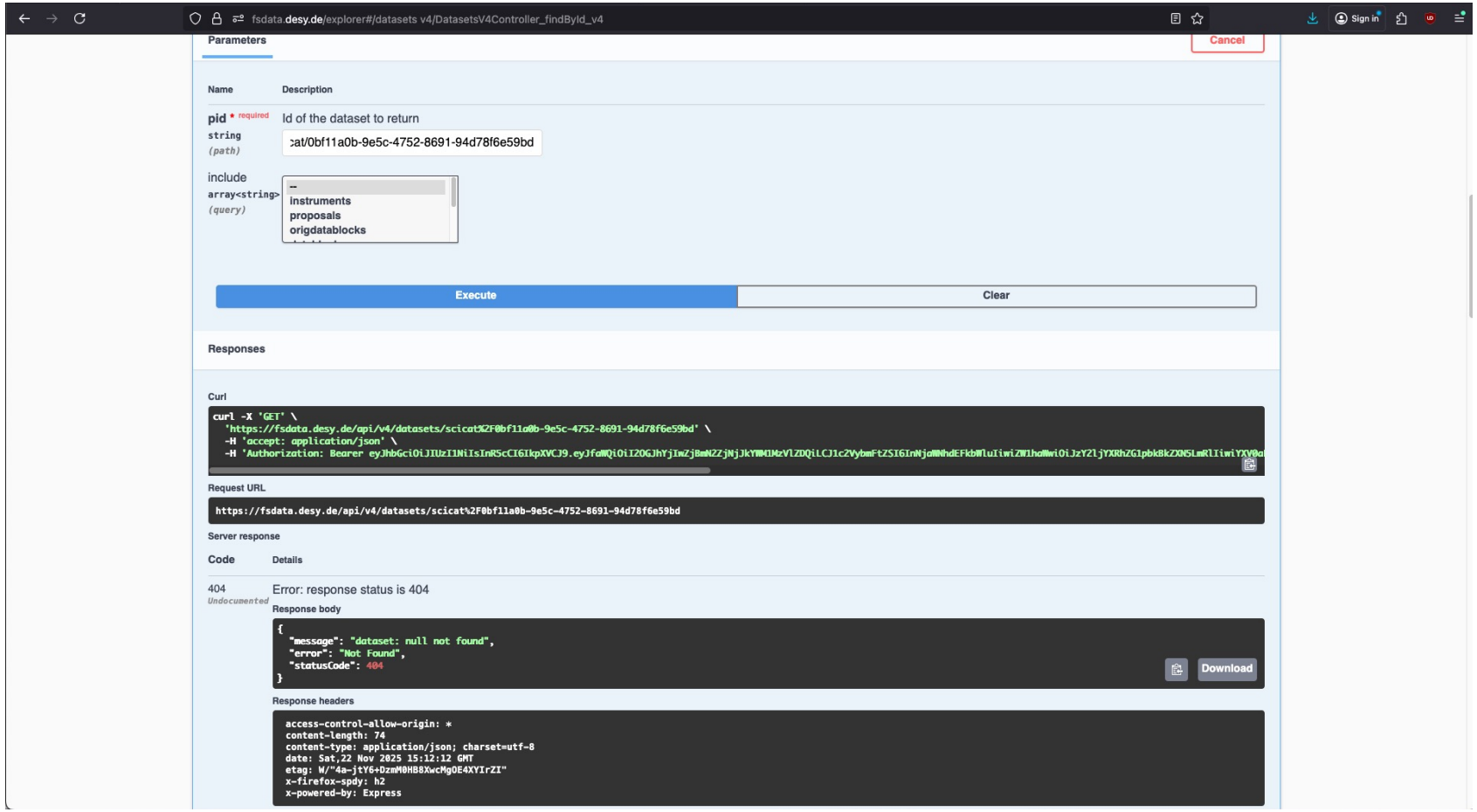
initial dataset from user on scicat-dev



DEMO

Status summary

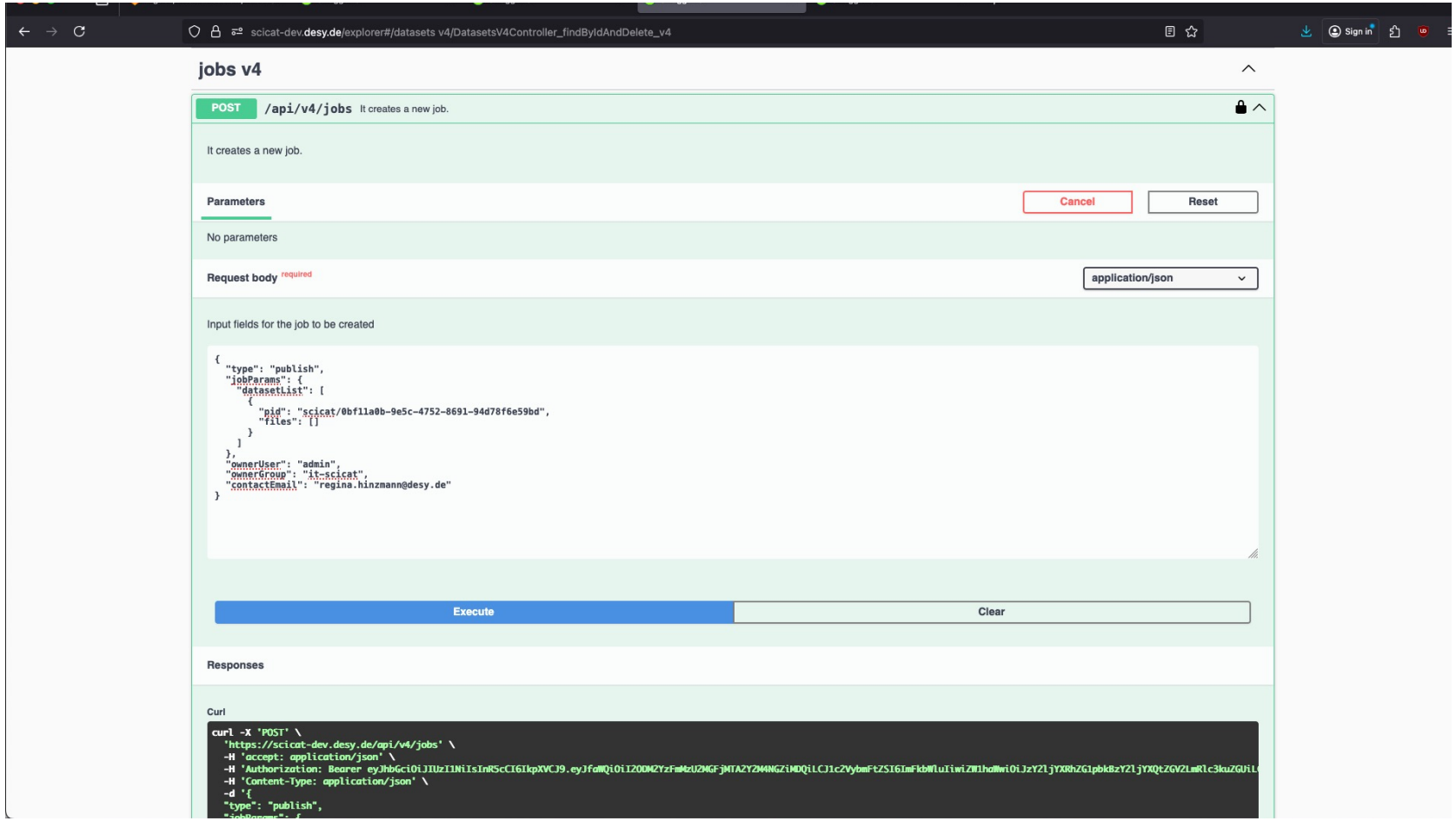
fsdata.desy.de is empty



DEMO

Status summary

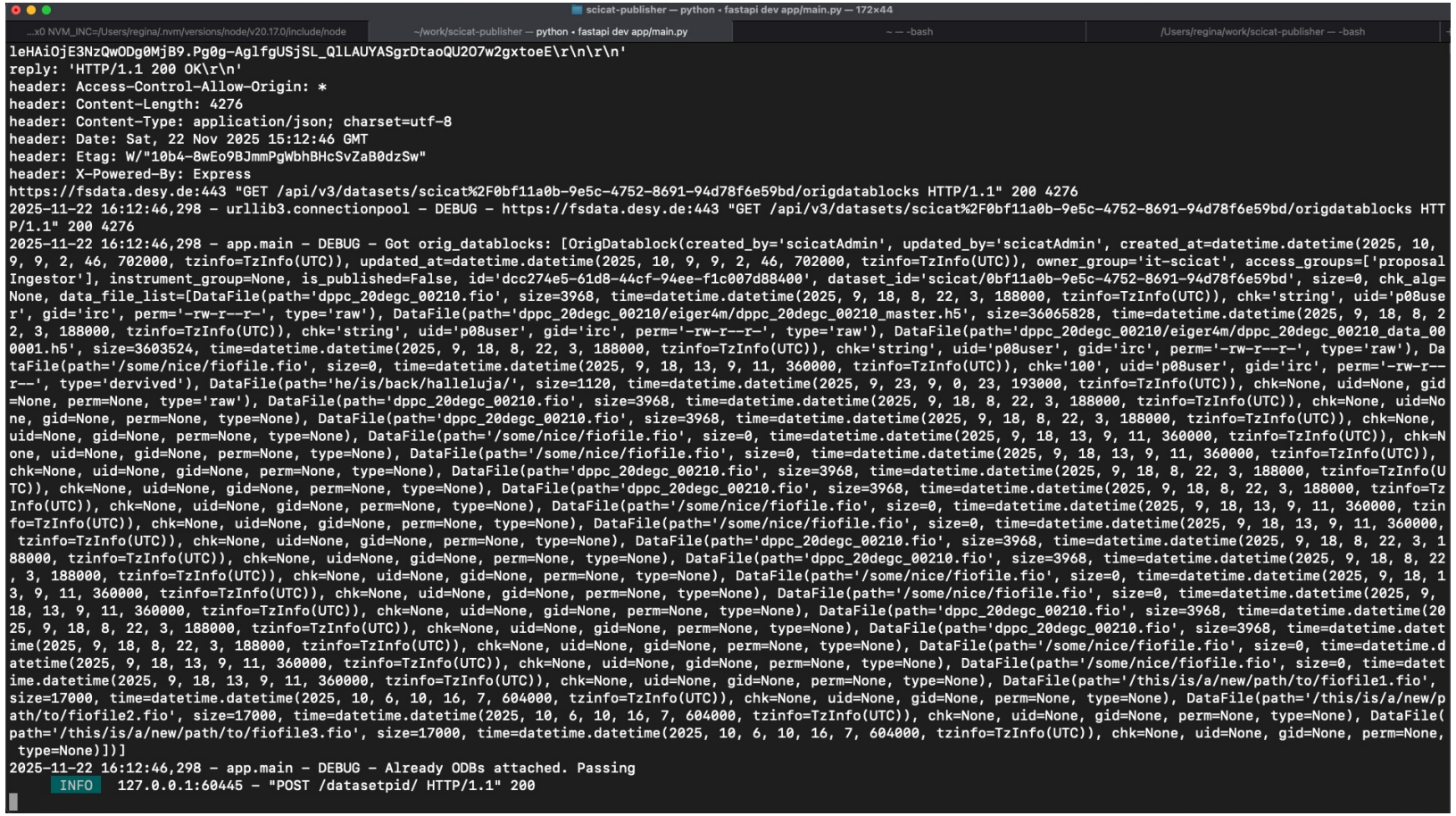
submit job from scicat-dev



DEMO

Status summary

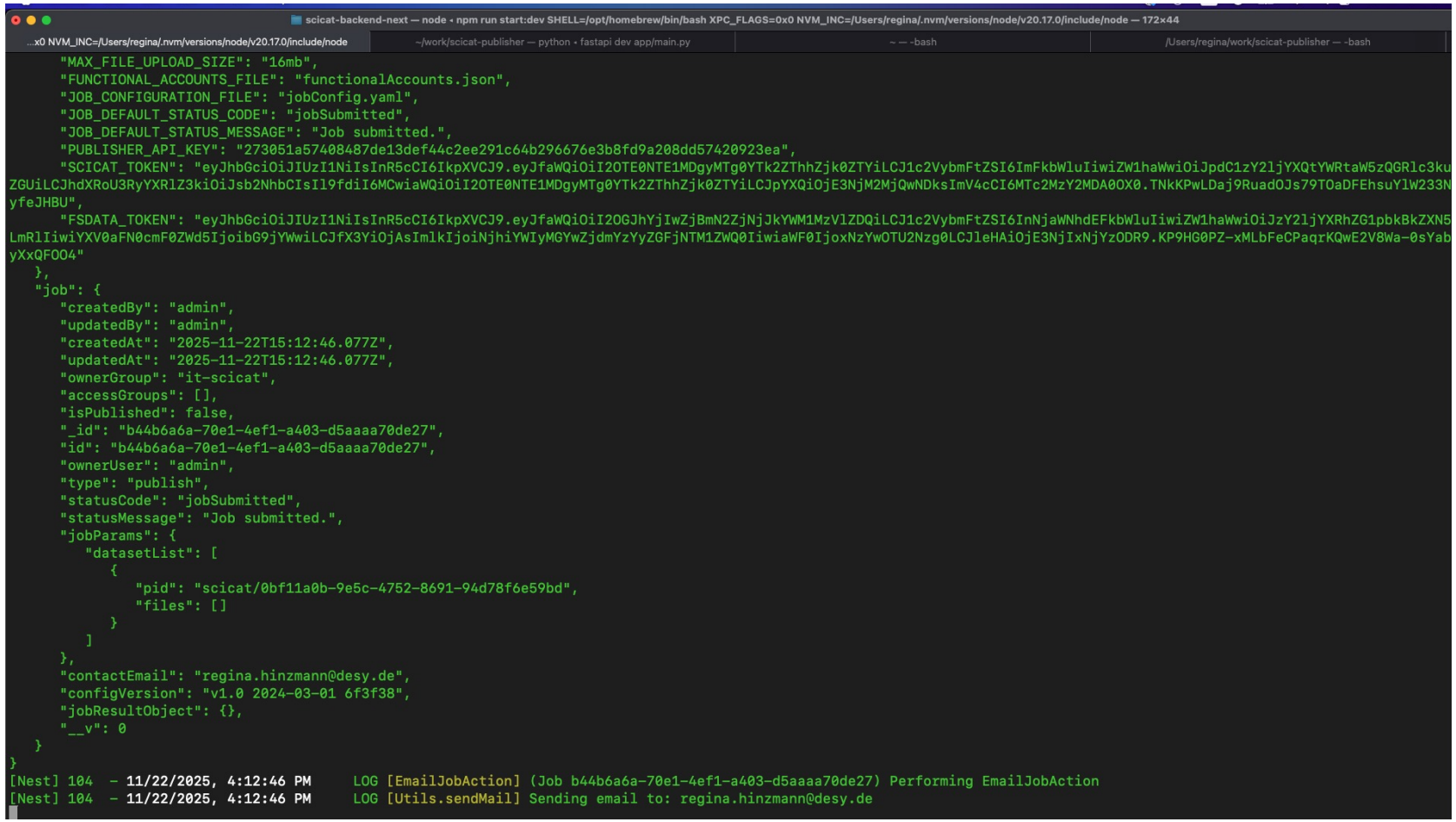
job talks to publisher



DEMO

Status summary

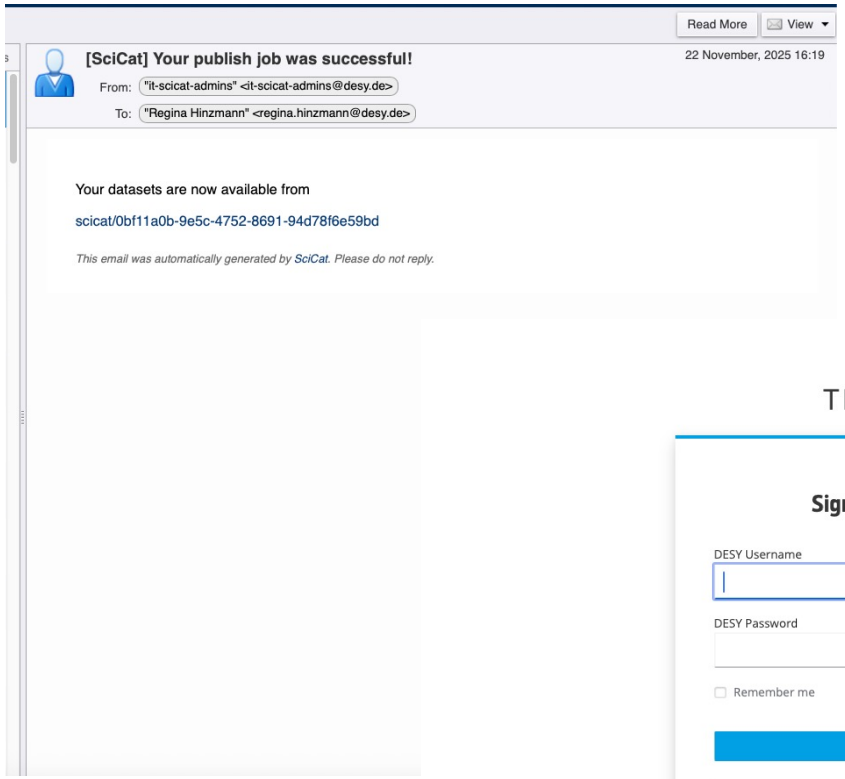
publisher deals with the request: gets dataset from scicat-dev, modifies it and creates a copy on fsdata. Sends email notification to user.

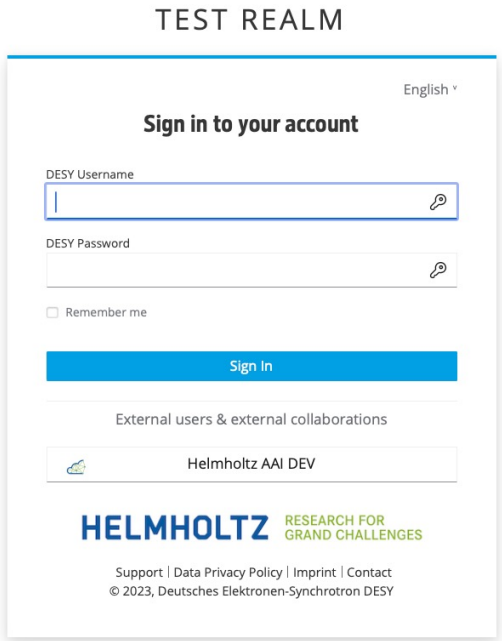


DEMO

Status summary

email contains link to ….

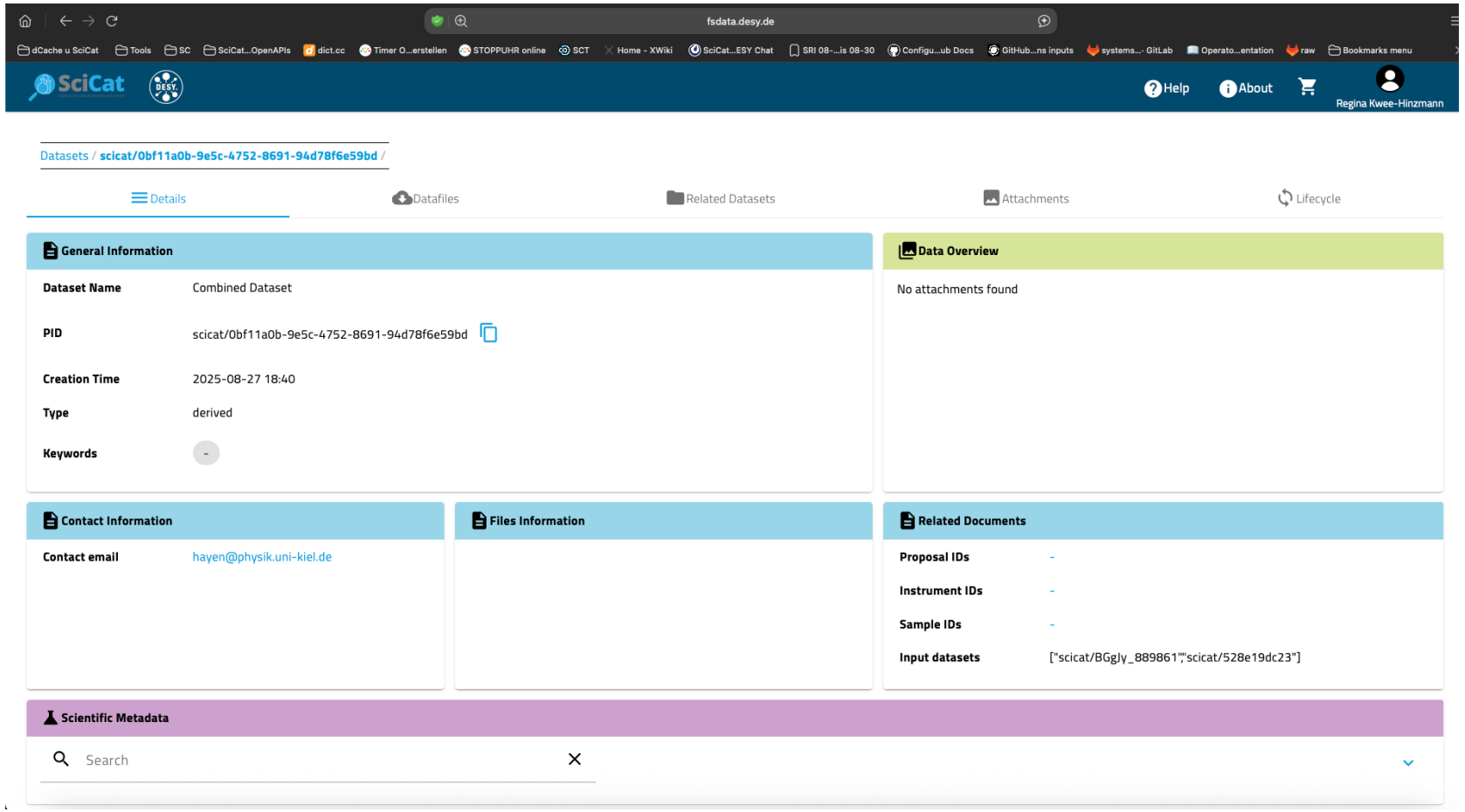




DEMO

Status summary

…the dataset on fsdata



Outlook

Status summary

Our tasks

- enable job submission from scicat instead of scicat-dev
- adjust sender email. DONE
- attach jobsubmission to frontend button once available (see below)
- catch error of missing type? → Usually is fulfilled by initial dataset (see below).

Other people's input:

- wait for real dataset from FS to execise full chain (requested)
- wait for Max to implement buttons from detailed dataset view.

Handover as planned: this year (date to be announced).