



# Jupyter4NFDI

## YOUR RESEARCH, YOUR ENVIRONMENT, YOUR DATA

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<https://hub.nfdi-jupyter.de>

### Connect & Collaborate

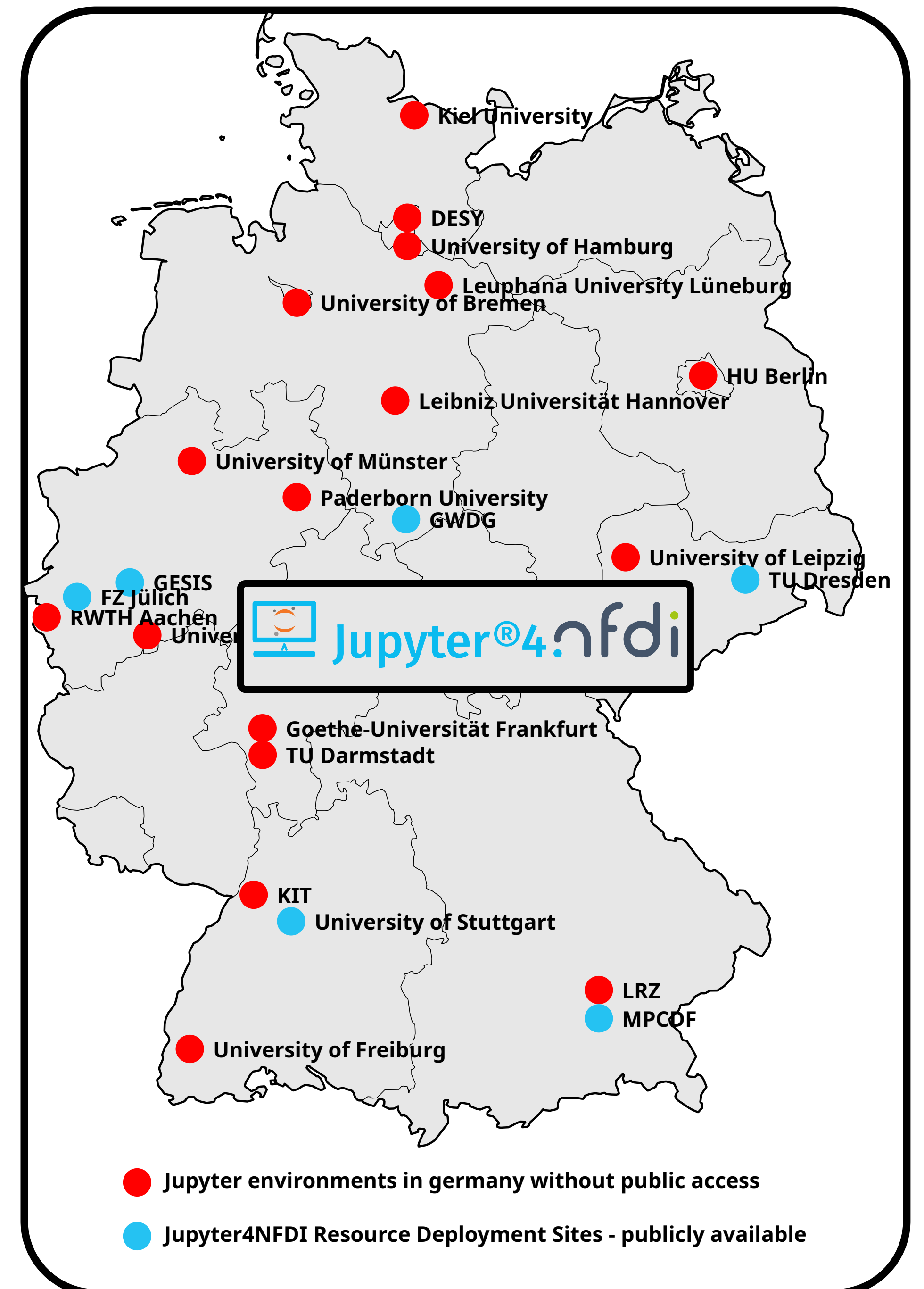
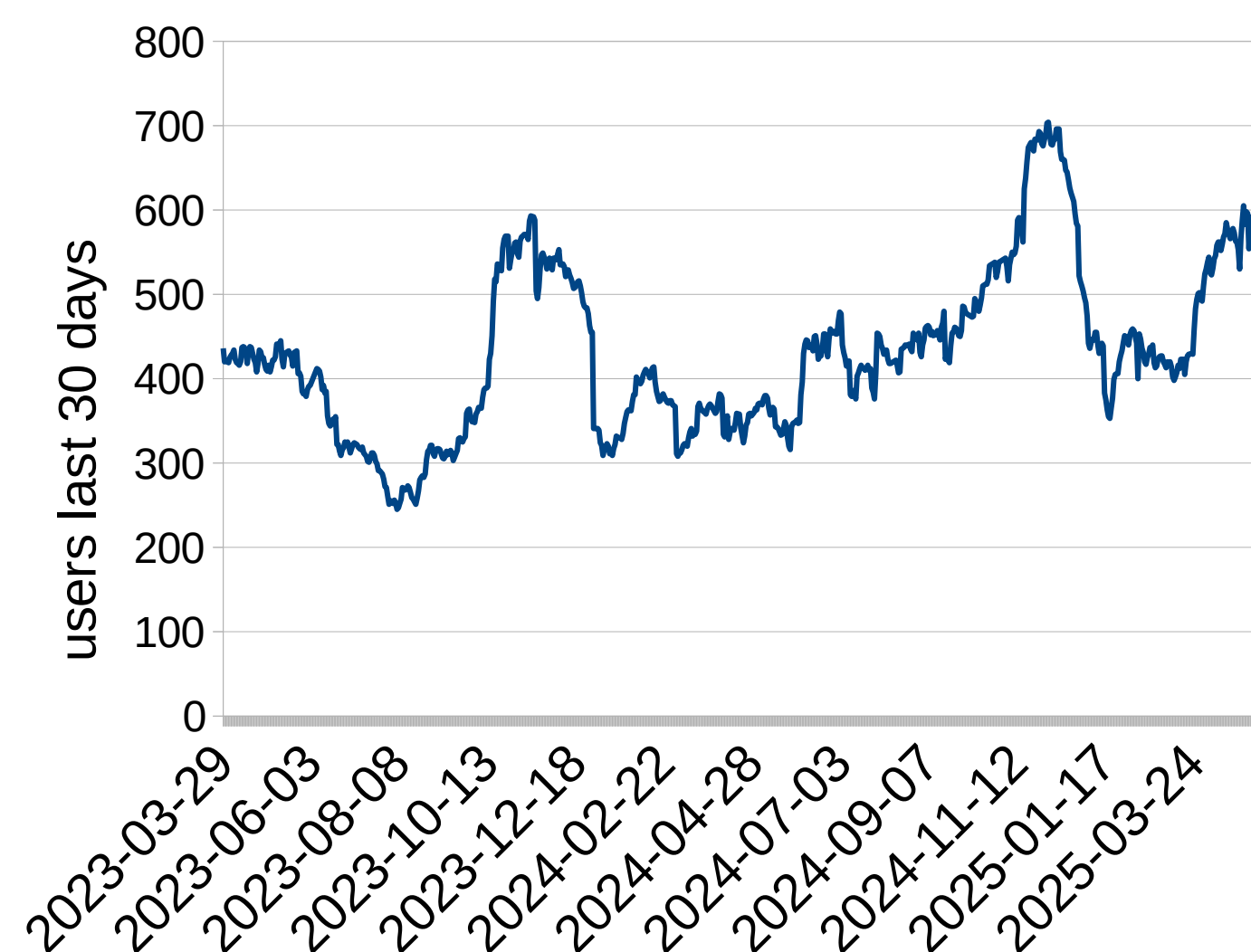
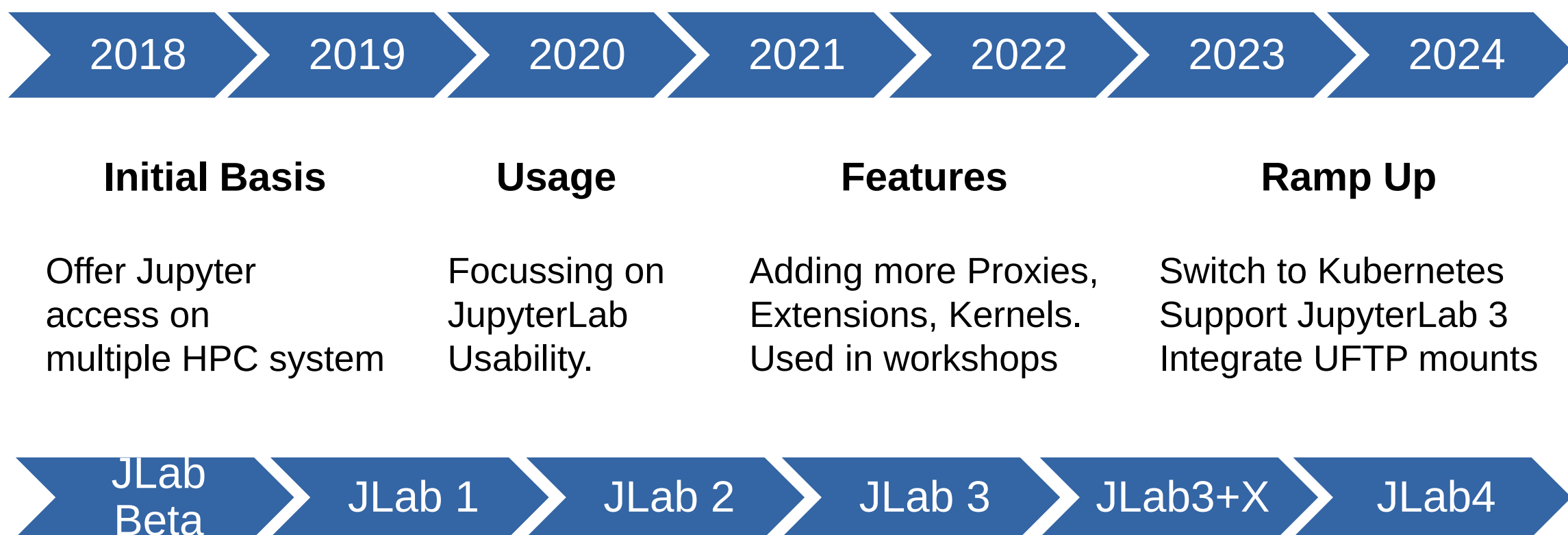
Scientific research needs flexible and scalable computing. Jupyter4NFDI offers a **ready-to-use** platform where researchers can access resources, customize environments, and connect to data — **without technical barriers**. Built on **FAIR principles**, it enables seamless collaboration and interactive sharing of your work!

### Your Environment, Your Choice

Start instantly with a **pre-installed setup** or create a fully customized workspace using **Repo2Docker** or your own Docker image. With **one-click sharing**, colleagues worldwide can launch the exact environment you've prepared!

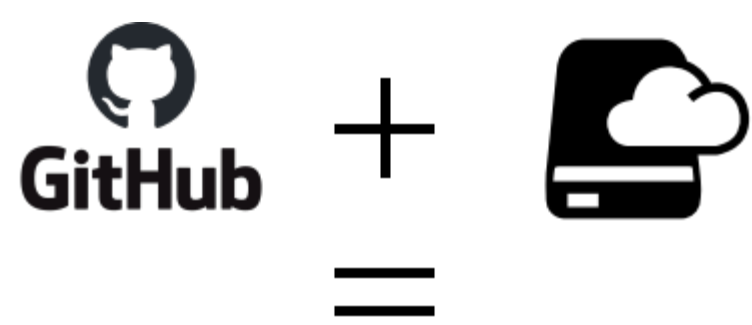
#### Jupyter hosted at JSC

#### Proven Knowledge, Continuous Evolution



### Effortless Reproducible Research!

Store your **Jupyter Notebooks** in Git repositories and **your data** in external storage. With **one click**, others can launch JupyterLab, re-run your code, and gain full transparency. With direct links, configurations **Findable, Accessible, Interoperable, and Reusable**. Boost collaboration and accelerate innovation!

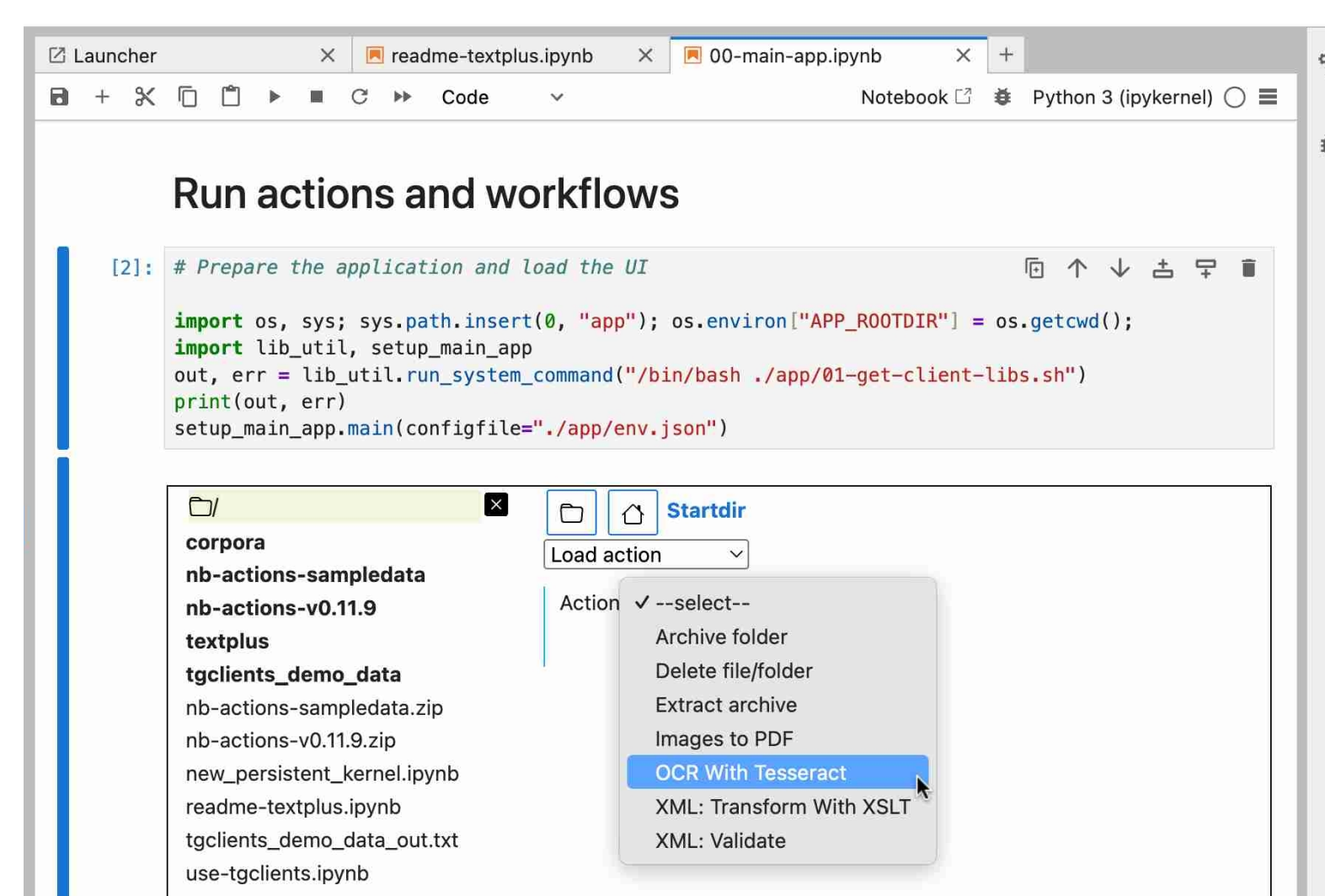


### Building for the Community

**JupyterLab Data Mount, JupyterHub Share Links, and JupyterHub Outpost** are designed with the Jupyter community in mind — powerful extensions that enhance any Jupyter environment. By enabling seamless data access, collaboration, and sharing, these tools make it easier to work across different platforms. Even in restricted Jupyter setups, researchers can benefit from improved transparency and accessibility without compromising security.

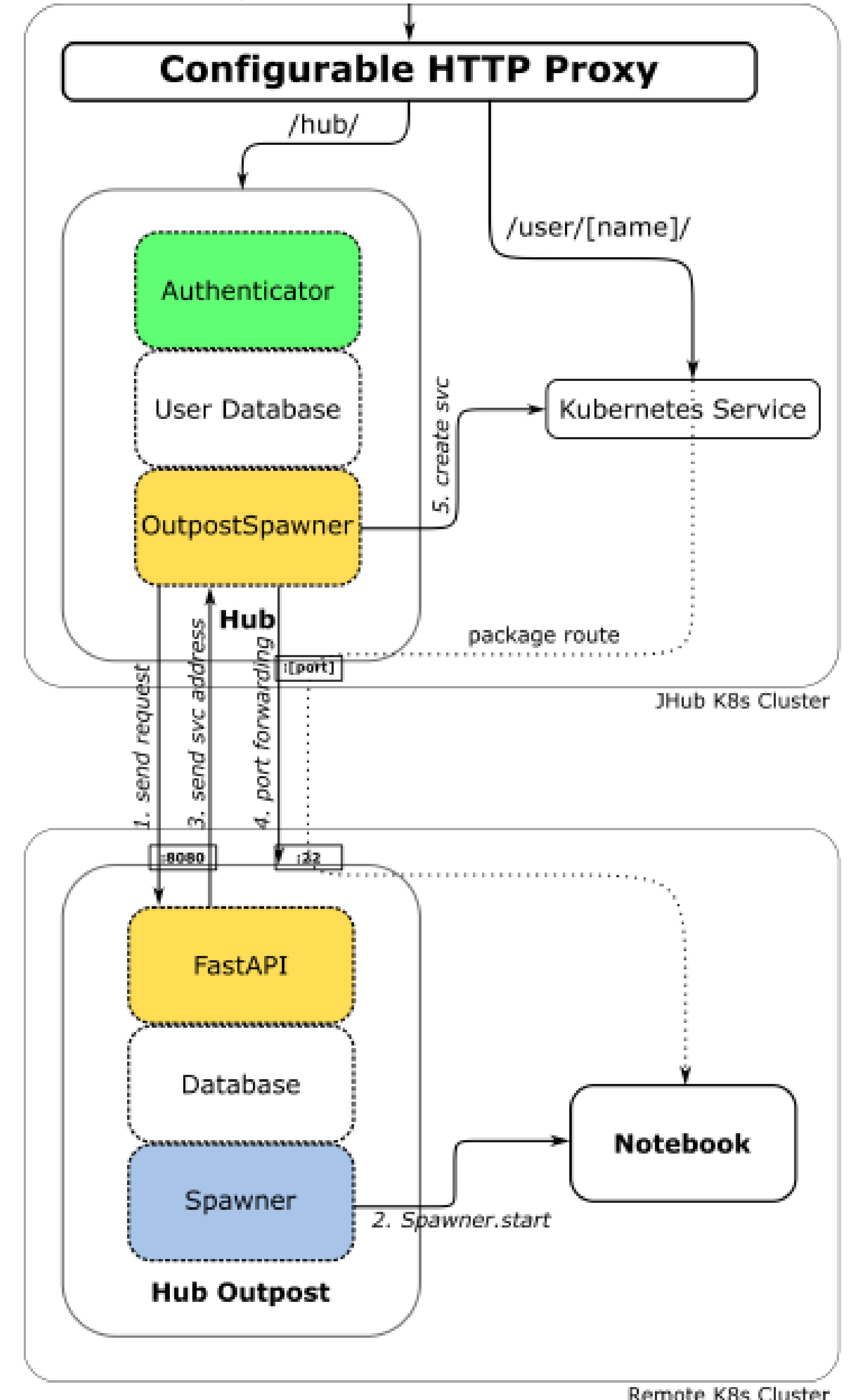
### Actively used in Text+

Jupyter4NFDI is actively used within Text+ to support digital research workflows across linguistics, literary studies, and cultural heritage. Researchers rely on Jupyter4NFDI for seamless data access, analysis, and visualization—from corpus linguistics to digital editions. As an integral part of the Text+ infrastructure, it enables collaborative, reproducible science and empowers diverse research communities.



Notebook Actions, developed in Text+, is an application that makes several useful processing tasks and workflows available via a simple UI. It runs in a notebook and is available via Jupyter4NFDI.

### Expanding the boundaries of JupyterHub



In cooperation with



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