

# Base4NFDI Services Roadshow #2 – Q&A

The following document entails all questions plus respective answers which were asked by the audience (chat/live) or the Base4NFDI team during the first Base4NFDI Roadshow, where currently funded basic service project teams pitched their service. The Roadshow was open to anyone.

## KGI4NFDI

Knowledge Graph Infrastructure ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
Is KGI providing a platform to actually deploy and access a KG or would this need to be deployed on resources elsewhere?	Not in the initialisation phase, it's planned for the Integration phase. Has to be discussed.	Audience
So incubator project support currently focuses on consultation on how to do things?	The consultations we currently provide cover multiple topics. With the incubators, we would like to address specific cases where consortia want to adopt a KG, and potential interlinking with the service we are building in KGI.	Audience
Can I directly query a specified (registered) KG from within your platform?	Technically yes, because they are public and follow a SPARQL protocol. So in principle yes, but maybe a permission is not set for the particular combination of the KGs that are queried.	Base4NFDI team
Is there already a demonstration in SPARQL for a federated query?	Yes, we have a page on our website listing a number of examples. Currently we are working on extending that list.	Base4NFDI team

## PID4NFDI

Persistent Identifiers ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
Which PID providers provide PID for research data and software source code?	Please approach our team to get tailored answers here. There is DataCite, ePICS, ... it depends on your infrastructure and the metadata you collect and who provides your institute's PIDs currently/already.	Audience
NFDI is about different consortia, have you received different requests from consortia?	We have quite a few instruments and experts on instruments in our team now. They can answer better than me. Other requests are highly-granular research entities. We work mainly/start on a discipline-generic level and then go into further details from there. There is some discipline-specific information in our cookbooks, but we mostly work on the generic level.	Base4NFDI team

## IAM4NFDI

Identity & Access Management ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
A question for clarification: Does the home IDPs have to support edu-ID or does edu-ID substitutes the home IDPs in the future?	the home IDP have to be connected to edu-ID in the future. in the long run also the home IDP's has to be connected to edu-ID.	Audience
You mention EOSC central AAI and EOSC federation. When my service is connected through the	Technically, yes. But you are still in control of who you are letting in. You can of course restrict access, so connecting it to us does not open your service to everyone, but you	Audience

NFDI proxy does this also guarantee access to my services from outside the NFDI?	give the potential opportunity of access to more people.	
What's the state of EduID? Is it already used in productive services?	edu-ID has just been released. There are no currently productive services, but that's not clear at the moment. But it's the future regarding EOSC.	Audience
Does EduID also cover the case of a researcher moving to another country?	In conjunction with the EOSC Federation this is considered.	Audience

## Jupyter4NFDI

A central Jupyter Hub ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
What's the Timeslot for your consultations?	Every biweekly Monday, 9-10 am. <a href="https://events.hifis.net/event/2625/">https://events.hifis.net/event/2625/</a>	Audience
Plant biology, data not typically analysed with any of these languages. Where do I put my large data when I want to analyse it in Jupyter Notebooks?	Every research pipeline is different (e.g. different versions and dependencies). We have some default environments to choose from, but we think the researchers are the experts here. We collaborate with the service <a href="https://mybinder.org">mybinder.org</a> that allows to specify dependencies (but is not persistent). We offer API specifications to specify and make available these dependencies. It is not for large data though (>1 TB), but we try to lower the hurdle for small data projects. Still, HPC resources will be provided.	Audience
How would you configure a group of people that is allowed to use the service / a certain hub?	It's actually a question. We try to narrow it down. So you have a Hub that's easy to be federated. There's the option for getting individual level access control. As a user you have access to your userface	Audience

	with the training materials (trainers can share materials with pupils). There's also the option to share materials links via Jupyter, so other persons can open/work with it in the same environment.	
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## DMP4NFDI

Data Management Plans ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
We used DMO for a couple of DFG projects. How can you reuse the forms and information? How can you integrate that in databases used afterwards? How can you use DMPs instead of throwing them away afterwards?	That is one of the benefits of RDMO - it can support interoperability and automation. RDMO has already an API, so you can extract the information and process it locally.	Audience

## RDMTraining4NFDI

Competence Training for Research Data Management ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
How is the work of RDMT4NFDI coordinated with EduTrain Section?	We are in a regular exchange with different focus groups of the sections but mainly are supervised by WP5: training formats and certificate course I meant.	Audience
Isn't it a task of EduTrain Section to develop RDM	It's in the responsibility of the consortia and EduTrain, but the Service helps to	Audience

Training?	make it accessible for other disciplines.	
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## nfdi.software

Research Software Marketplace ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
If different communities/consortia have different kind of software repositories, is it possible have a tenant one?	Of course there are different registries with different metadata. One of our big tasks is to find a common ground for all of these domains to connect them with each other via nfdi.software. Could be a case for incubators.	Meeting: Uwe Konrad
TS and other Base services are not on the site - what fits "as software" onto the site and what not?	There is no easy answer to that. Anything executable on your device. Basic services will be integrated, e.g. with Jupyter4NFDI. Also we aim to connect the consortia-specific solutions. nfdi.software could be an entry point to find other basic services and Jupyter4NFDI could be used to search for software via nfdi.software.	Meeting: Christine Hennig
The idea is quite interesting. There have already been some initiatives in that direction (also on European level, e.g. Galaxy). Some of them are working really well, others are not so good. What do you want to make different from those initiatives?	Based on our requirements analysis, it seems there is a lack of "finding software" across domains. The existing software marketplaces seem to be not well known in the community. Maybe, providing the marketplace on a national level we can build awareness more easily and build a bridge across communities in NFDI. In the future we want to extend that to build crosswalks to other and also European solutions.	Meeting: Jörg F. Unger

## TS4NFDI

Terminology Services ([more](#))

Question	Answer	Source (e.g. audience, Base4NFDI Team)
Example not easy to understand. If you embed the widgets into your code - what would be shown? The terminology? The structure behind, like attributes?	Results are provided by the application itself - the search queries that data in a FAIR and semantic way. The widgets are independent from the data.	Meeting: Uwe Konrad