



Unlock software, activate
research data.

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Services Roadshow by



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nfdi.software – Unlock software, activate research data

The purpose and benefits

- nfdi.software aims to create a **central marketplace** (aka “entry point”) to improve access to NFDI research software.
- “Please, not another software”: nfdi.software enables sustainable research software use and development.
- It will link and coordinate independent developments (marketplaces, search engines, and so on) within a federated data infrastructure, enhancing networking and contextualization of research software.
- It fosters software synergies among research disciplines.



Why do we need nfdi.software?

First insights from our Initialization phase and observations

- Software is disseminated by means of scientific publications closely followed by web pages and with more distance by social media.
- Software is scattered around and cannot be easily found, especially across disciplines.
- **Currently three streams of activities in NFDI identified:**
 - The first group has plans to build or use a marketplace but nothing concrete yet.
 - The second group does not have any current plans regarding software marketplaces, but would like to stay informed.
 - A further significant portion of the respondents have linked or are currently linking their software metadata to an existing software marketplace. A minority does not have any current plans regarding software marketplaces and is not interested in this topic.
- nfdi.software will help in orchestration of the landscape and enhance access to software.



Who can use nfdi.software?

Our created persona

Aida (32)

Postdoc in a scientific institute



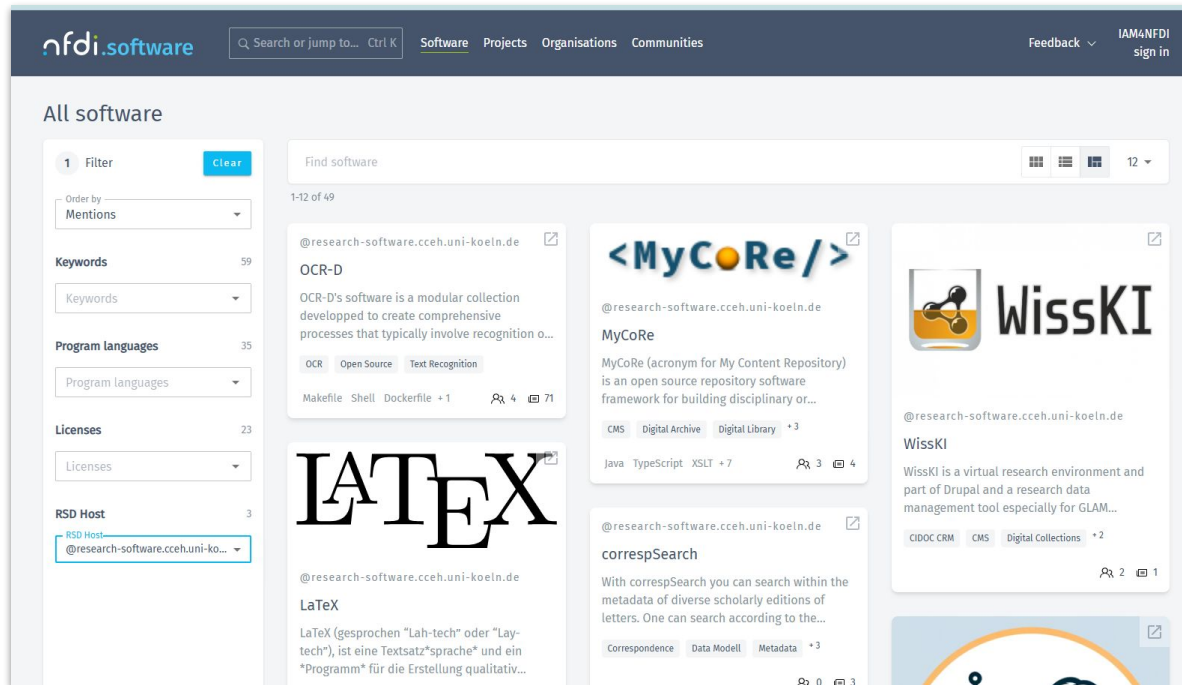
1. She is postdoc with an **experienced technical background**, but **not a software developer**.
2. She needs a tool which helps in **visualizing data for data analysis**, and wants to get an **overview about existing software**.
3. She needs some kind of **classification** to filter out unrelated results, and searches for **high-quality solutions** with good **end-user documentation**.
4. She needs **help with citing the software** correctly in her paper, and wants to **get in touch with the authors** of the software.

Betty's (Re) Search Engine integrating and providing information

The screenshot shows the GitHub search results for the query "process". At the top, there's a search bar with "process" entered. Below it, a message states "100 results found" and "Showing results for process". There are filters for "Repositories" (100), "Issues" (0), "Pull requests" (0), and "Users" (0). A message indicates "Your Search Query corresponds with 0 repositories on GitHub and 0/0. We have loaded 0 of them (maximum of 1000)". Below this, there are two sections: "GitHub Program" (100 results) and "User Program" (100 results). A link "Download all Search Results" is also present. A table titled "Clashes (Click to Sort)" lists various repositories with columns for Repository Name, Clashes, Open Clashes, Closed Clashes, and Total Clashes. The table lists 10 repositories, all with 0 clashes.

There are Aidas in many disciplines!

Maybe she is interested in Text+ software?



The screenshot shows the nfdi.software website interface. The header includes the nfdi.software logo, a search bar with the text "Search or jump to... Ctrl K", and navigation links for Software, Projects, Organisations, and Communities. There are also links for Feedback and IAM4NFDI sign in.

The main content area is titled "All software" and features a sidebar with filters on the left and a grid of software cards on the right.

Filters (Left Sidebar):

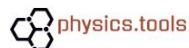
- 1 Filter** (Clear button)
- Order by:** Mentions
- Keywords:** 59 (Keywords dropdown)
- Program languages:** 35 (Program languages dropdown)
- Licenses:** 23 (Licenses dropdown)
- RSD Host:** 3 (RSD Host dropdown, currently showing @research-software.cceh.uni-ko...

Software Cards (Grid):

- OCR-D:** OCR-D's software is a modular collection developed to create comprehensive processes that typically involve recognition o... (Tags: OCR, Open Source, Text Recognition; Makefile, Shell, Dockerfile +1; 71 likes)
- MyCoRe:** MyCoRe (acronym for My Content Repository) is an open source repository software framework for building disciplinary or... (Tags: CMS, Digital Archive, Digital Library +3; java, TypeScript, XSLT +7; 4 likes)
- WissKI:** WissKI is a virtual research environment and part of Drupal and a research data management tool especially for GLAM... (Tags: CIDOC CRM, CMS, Digital Collections +2; 2 likes, 1 comment)
- LaTeX:** LaTeX (gesprochen "Lah-tech" oder "Lay-tech"), ist eine Textsatz*sprache* und ein *Programm* für die Erstellung qualitativ... (0 likes, 3 comments)
- correspSearch:** With correspSearch you can search within the metadata of diverse scholarly editions of letters. One can search according to the... (Tags: Correspondence, Data Model, Metadata +3; 0 likes, 3 comments)

Next goals in nfdi.software

Growing and connecting



ALL

atom

Search

184 results:

[atomicredteam.io/ github.com](#)
[chianti-atomic.github.io/index.html](#)
[dwsilab.github.io/melt/anatomy_conference_dashboard.html](#)
[AdriaI/PolyatomicFW](#)
[AdriaI/PolyatomicFW_SPL](#)
[agis85/anatomy_modality_decomposition](#)
[agoryaeva/fratons2atoms](#)
[ai-atoms/Lammmps-MiLaDy](#)
[ai-med/geomdl_anatomical_mesh](#)
[AilabUdineGit/GNN_atomics](#)
[allenai/comet-atomic-2020](#)
[allenai/comet-atomic-2020/tree/master/models/comet_at](#)
[AndrewLittken/neutral-atom-compilation](#)
[ANTSX/ANTS/wiki/Anatomy](#)
[apache/mesos/blob/1.4.x/docs/health-checks.md#anatomy](#)
[artemmaksov/ORN-DeepLearningForAtomicScaleDefectTrac](#)
[atom-archive/xray](#)
[atom-minimap/minimap/issues/588](#)
[atom/atom](#)
[atom/atom/blob/master/package.json](#)
[atom/atom/issues/19442](#)
[atom/atom/pull/3773](#)
[atom/teletype](#)
[atom/teletype-crdt](#)
[atomantic/dotfiles/blob/main/CODE_OF_CONDUCT.md](#)
[atomashevic/belief-influence](#)
[atomashevic/belief-influence](#)
[ATOMconsortium/AMPL](#)
[AtomDB/kappa](#)
[AtomDB/pyatomdb](#)
[AtomDB/variableape](#)
[AtomDB/xscat](#)
[atomec-project/atoMEC](#)
[atomec-project/Helium-white-dwarfs](#)
[AtomGraph/JSON2RDF](#)
[atomistic-](#)

Jupyter®4.nfdi

A central JupyterHub
for the German National Research
Data Infrastructure



bio.tools

Essential scientific and technical information about software tools, databases and services for bioinformatics and the life sciences.

Search bio.tools

Explore *bio.tools* by the most popular bioinformatics concepts, or [view all tools](#).

Concepts are defined in the [EDAM ontology](#) which you can browse at [OLS](#), [BioPortal](#) or in the [EDAM Browser](#).

Quiz: nfdi.software helps in...?

- M)** help with citations
- N)** get an overview of existing software
- O)** both



Thank you!
Questions?



-  nfdi-software@lists.nfdi.de
-  base4nfdi-servicestewards@lists.nfdi.de for general inquiries
-  base4nfdi.de/projects/nfdi-software