Research Software Directory

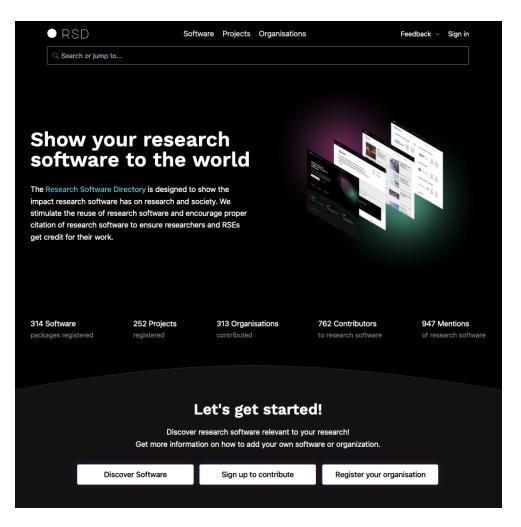
Science center

netherlands

Maaike de Jong & Jason Maassen Cite.Software Workshop 18-09-2023

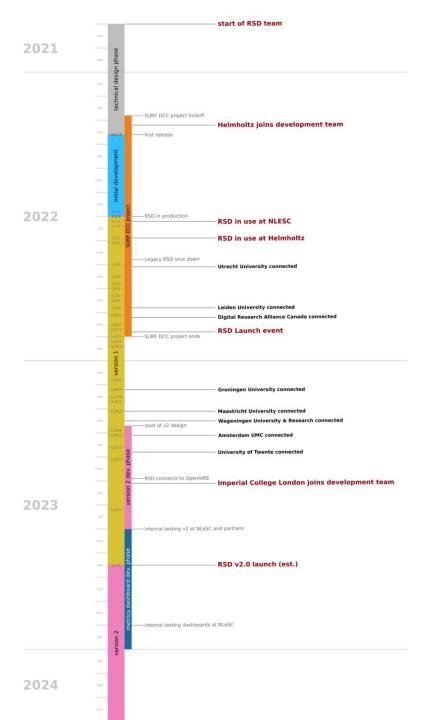


The Research Software Directory



- Increase the visibility & findability of research software
- Highlight the important role it plays in research
- Enable RSEs to share their software and show its impact
- Encourage citation of research software
- Allow organisations to showcase their research software output





History of RSD

- 2015-2021: Internal prototypes
- November 2021: Development starts
- February 2022: Collaboration starts with UU, UL and AUMC
- March 2022: Helmholtz joins development team
- July 2022: Beta launch of RSD at eScience Center & Helmholtz
- November 2022: Public launch event
- June 2023: Imperial College joins development team



Development team

science center







Jesus Garcia



Ewan Cahen



Dusan Mijatovic





Martin Hammitzsch



Christian Meessen



Markus Bradke



Matthias Rüster



Felix Muhlbauer



Sven Reisland



Tobias Huste



Norman Ziegner

Imperial College London



Jeremy Cohen

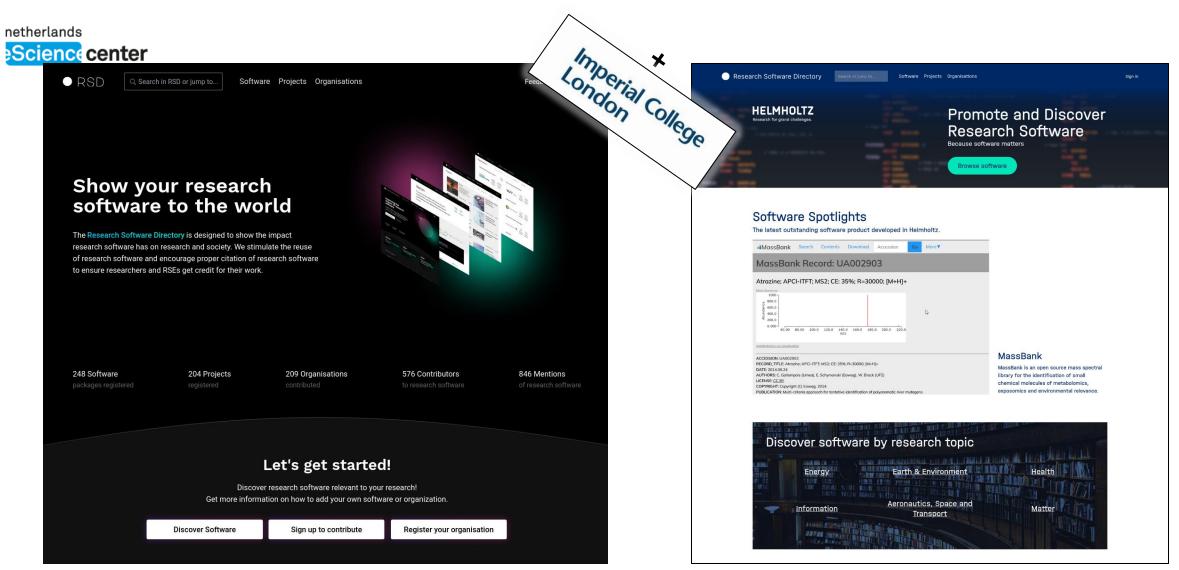


Diego Alonso Alvarez



Christopher Cave-Ayland





https://research-software-directory.org

7/7/2022 Launched by eScience Center

https://helmholtz.software

29/7/2022 Launch by Helmholtz

https://github.com/research-software-directory/RSD-as-a-service



Users Netherlands

Connected

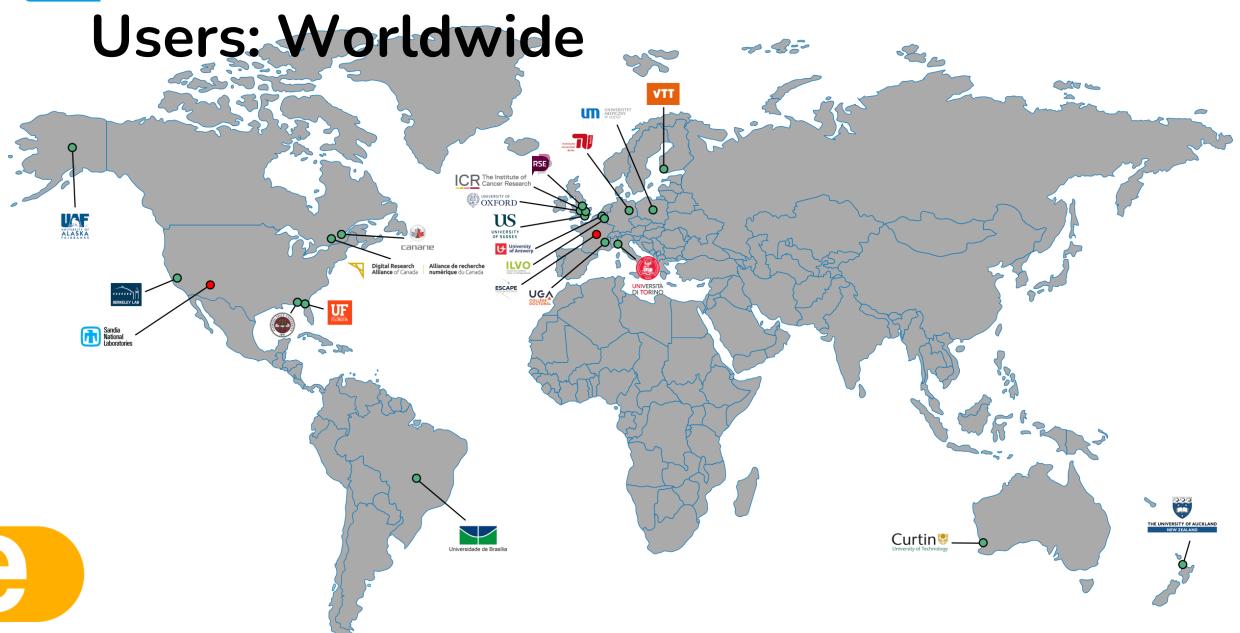
- Utrecht University
- Leiden University
- Amsterdam UMC
- University of Groningen
- Maastricht University
- Wageningen University & Research
- University of Twente

Nearly there

- TU Delft
- VU Amsterdam





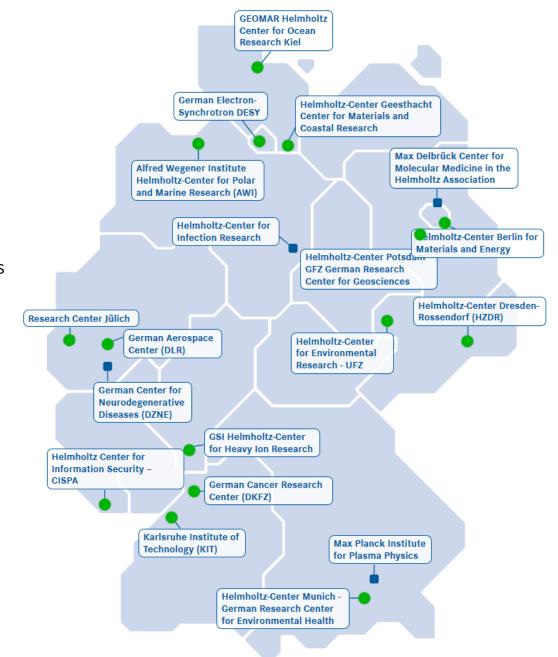




Users Germany

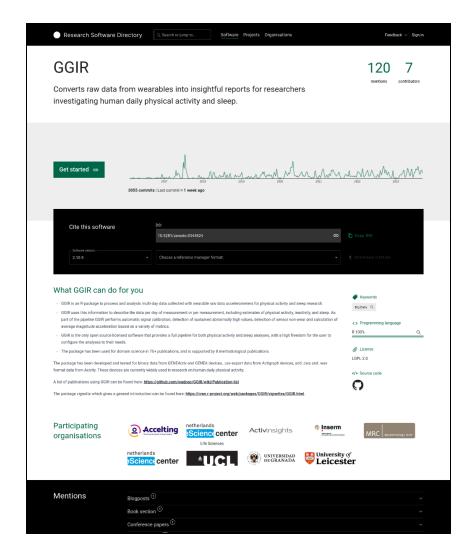
Connected

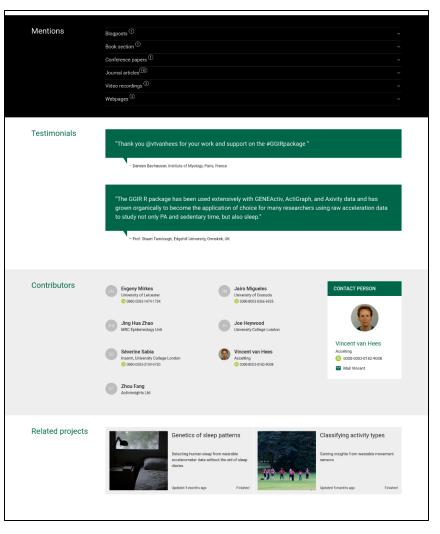
- Forschungszentrum JülichGerman Aerospace Center (DLR)
- Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences
- Karlsruhe Institute of Technology (KIT)
- Alfred Wegener Institute for Polar and Marine Research (AWI)
- Helmholtz-Zentrum Dresden-Rossendorf
- Helmholtz Centre for Environmental Research (UFZ)
- Deutsches Elektronen-Synchrotron DESY
- German Center for Neurodegenerative Diseases
- Helmholtz Centre For Ocean Research Kiel (GEOMAR)
- German Cancer Research Center
- Helmholtz Zentrum München
- Helmholtz Centre for Heavy Ion Research (GSI)
- Helmholtz-Zentrum Hereon
- Helmholtz-Zentrum Berlin für Materialien und Energie
- CISPA Helmholtz Center for Information Security
- Helmholtz Centre for Infection Research





Software pages



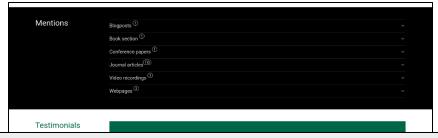


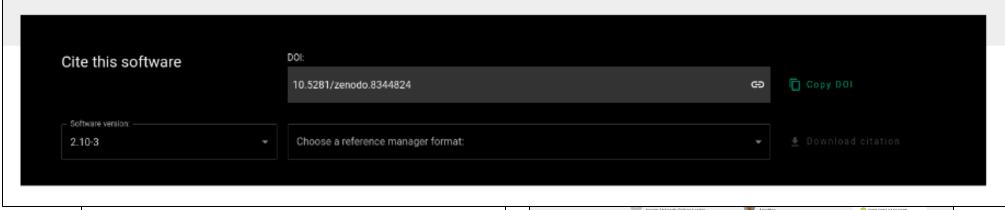




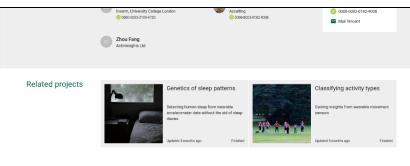
Software pages

Research Software Directory Q Search or jump to Software Projects Organisations	Feedback ∨ Sign in
GGIR Converts raw data from wearables into insightful reports for researchers investigating human daily physical activity and sleep.	120 7 mentions contributors
Get started 60 2005 scormitted Last current = 1 week tags	





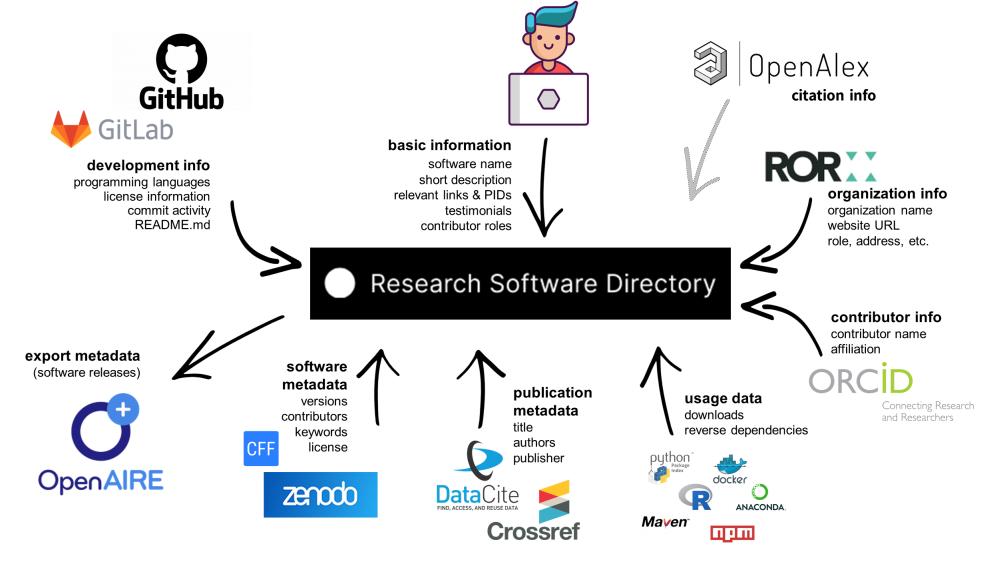








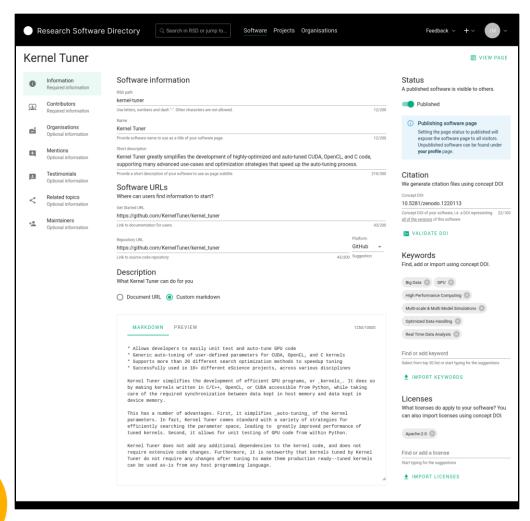
Our data sources







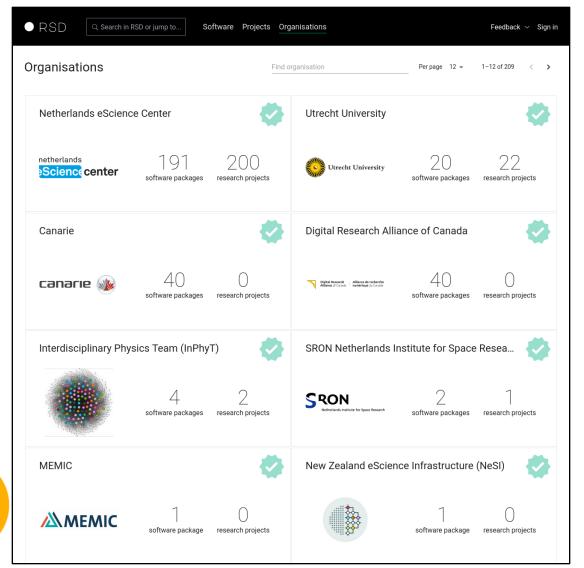
Adding software

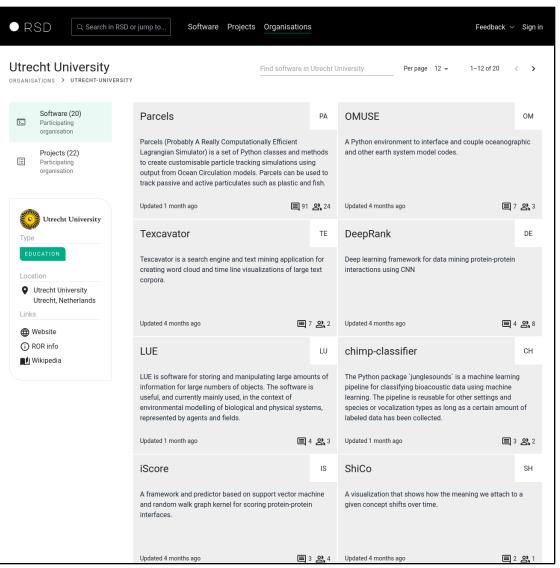


- Access via ORCID or institutional account
- Easy to use without extensive technical knowledge
- Automate adding data where possible:
 - Contributors via ORCID / DOI+CFF
 - Organisations via ROR
 - Keywords & licences from DOI
 - Releases & mentions via DOI
 - Descriptions via source repository
- Automatically update information



Organizational portfolio









Let's stay in touch!



https://research-software-directory.org



rsd@esciencecenter.nl



research-software-directory/RSD-as-a-service

Contacts



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The RSD and Open Science



- Supports reproducibility and transparency
- Encourages recognition of the work of RSEs
- Facilitates collaboration
- Increases **efficiency**, saving time and resources