

# Bausteine Forschungsdatenmanagement

## Empfehlungen und Erfahrungsberichte für die Praxis von Forschungsdatenmanagerinnen und -managern

### Commitment to active data and software management in large research alliances<sup>i</sup>

Christian Brecher	Michael R. Buchmeiser	Andreas Burkert	
Marius R. Busemeyer	Stephan Conermann	Thomas Ertl	Michael Friedrich
Rainer Helmig	Volker Hohmann	Andrew James Johnston	Birger Kollmeier
Matthew Larkum	Jan Louis	Achim Menges	Uwe Morgner
Jürgen Müller	Carien Niessen	Mario Ohlberger	Wolfgang Schäffner
Piet Schmidt	Dietmar Schmitz	Werner Seeger	Detlef Stammer
Arne Thomas	Anita Traninger	Martin Wegener	Bernd Flemisch
Jenny Kopsch-Xhema	Sibylle Hermann	Jan Range	Julien Colomb

### 2022 Zitiervorschlag

Brecher, Christian, Michael R. Buchmeiser, Andreas Burkert, Marius R. Busemeyer, Stephan Conermann, Thomas Ertl, Michael Friedrich, Rainer Helmig, Volker Hohmann, Andrew James Johnston et al. 2022. Commitment to active data and software management in large research alliances. *Bausteine Forschungsdatenmanagement. Empfehlungen und Erfahrungsberichte für die Praxis von Forschungsdatenmanagerinnen und -managern* Nr. 1/2022: S. 121-123. DOI: [10.17192/bfdm.2022.1.8412](https://doi.org/10.17192/bfdm.2022.1.8412).

Dieser Beitrag steht unter einer  
[Creative Commons Namensnennung 4.0 International Lizenz \(CC BY 4.0\)](https://creativecommons.org/licenses/by/4.0/).

<sup>i</sup>Christian Brecher (EXC 2023, ORCID: [0000-0002-8049-3364](https://orcid.org/0000-0002-8049-3364)), Michael R. Buchmeiser (SFB 1333, ORCID: [0000-0001-6472-5156](https://orcid.org/0000-0001-6472-5156)), Andreas Burkert (EXC 2094, ORCID: [0000-0001-6879-9822](https://orcid.org/0000-0001-6879-9822)), Marius R. Busemeyer (EXC 2035, ORCID: [0000-0003-4085-1689](https://orcid.org/0000-0003-4085-1689)), Stephan Conermann (EXC 2036, Universität Bonn), Thomas Ertl (EXC 2075, ORCID: [0000-0003-4019-2505](https://orcid.org/0000-0003-4019-2505)), Michael Friedrich (EXC 2176, Universität Hamburg), Rainer Helmig (SFB 1313, ORCID: [0000-0003-2601-5377](https://orcid.org/0000-0003-2601-5377)), Volker Hohmann (SFB 1330, ORCID: [0000-0001-7056-1880](https://orcid.org/0000-0001-7056-1880)),

## 1 Commitment

We recognize the importance of research data and software for our research processes and classify the publication of research data and software as an essential part of scientific publishing activities. To this end, we, as a research alliance, support our researchers in the handling of data and software in accordance with the FAIR principles, in agreement with the DFG code of conduct “Guidelines for Safeguarding Good Research Practice”. In cooperation with our institutions and scientific communities, we provide adequate research data management tools and services and enable our researchers to use them. In doing so, we prefer to build on existing offers and, in turn, strive to adapt them to our needs. We seek measures to define and ensure the quality of our research data and software. We prefer to use existing data/metadata standards and will collaborate with relevant national and international initiatives for the creation and implementation of new standards whenever possible. We follow developments in the field of research data and software management and review emerging recommendations and guidelines for their feasibility in a timely manner.

## 2 Origins and purpose

This commitment originated from a virtual strategy workshop “Data and software management in large research alliances”. The Stuttgart Clusters of Excellence SimTech<sup>1</sup> and IntCDC<sup>2</sup> organized the workshop to discuss on a strategic level the current status and future of research data management and research software development in large DFG-funded research alliances such as Clusters of Excellence and

---

Andrew James Johnston (EXC 2020, Freie Universität Berlin), Birger Kollmeier (EXC 2177, Universität Oldenburg), Matthew Larkum (SFB 1315, ORCID: [0000-0001-9799-2656](#)), Jan Louis (EXC 2121, Universität Hamburg), Achim Menges (EXC 2120, ORCID: [0000-0001-9055-4039](#)), Uwe Morgner (EXC 2122, ORCID: [0000-0001-5103-9632](#)), Jürgen Müller (SFB 1464, ORCID: [0000-0003-1247-9525](#)), Carien Niessen (EXC 2030, ORCID: [0000-0002-4892-9391](#)), Mario Ohlberger (EXC 2044, ORCID: [0000-0002-6260-3574](#)), Wolfgang Schäffner (EXC 2025, ORCID: [0000-0001-6863-3689](#)), Piet Schmidt (EXC 2123, SFB 1227, ORCID: [0000-0003-0773-5889](#)), Dietmar Schmitz (EXC 2049, ORCID: [0000-0003-2741-5241](#)), Werner Seeger (EXC 2026, ORCID: [0000-0002-0382-0026](#)), Detlef Stammer (EXC 2037, Universität Hamburg), Arne Thomas (EXC 2008, ORCID: [0000-0002-2130-4930](#)), Anita Traninger (EXC 2020, ORCID: [0000-0002-3964-8467](#)), Martin Wegener (EXC 2082, ORCID: [0000-0002-9770-2441](#)), Bernd Flemisch (EXC 2075, SFB 1313, ORCID: [0000-0001-8188-620X](#)), Jenny Kopsch-Xhema (EXC 2075, Universität Stuttgart), Sibylle Hermann (EXC 2075, ORCID: [0000-0001-9239-8789](#)), Jan Range (EXC 2075, ORCID: [0000-0001-6478-1051](#)), Julien Colomb (SFB 1315, ORCID: [0000-0002-3127-5520](#)).

<sup>1</sup>Cluster of Excellence EXC 2075 for “Data-integrated Simulation Science”.

<sup>2</sup>Cluster of Excellence EXC 2120 for “Integrative Computational Design and Construction for Architecture”.

Collaborative Research Centres. International perspectives of research data management, the structures within the consortium and their embedding in the institution and funding landscape were highlighted. The focus was on exchange and the common interest in adequately managing research data and software. During the workshop, the idea of the commitment and a first text proposal were presented and iterated with the help of the participants. Afterwards, the text was finalized and the project was presented to the spokespersons of the alliances. In the course of this, the intended purpose of the commitment was also completed:

- In the EXC applications in particular, RDM is part of the very broad management section and thus varies greatly across the applications. By making this commitment, the signatory alliances are sending a signal that they recognize the importance of this topic and that they are taking measures to address this importance.
- In many cases, the alliances have already built up a high level of competence in this area. The commitment shows that the alliances will contribute this competence and can and want to actively shape the future of RDM together with explicit RDM initiatives such as the NFDI or EOSC.
- In a current impulse paper of the DFG<sup>3</sup> with recommendations for the recently started legislative period of the Bundestag, the topic is given a high priority with the impulse “Designing research data management to be sustainable in the long term”. The DFG funding program “Information Infrastructures for Research Data”<sup>4</sup> was also recently updated. Through their commitment, the consortia signal that they support these current developments and can act as research nuclei for further initiatives.

## Acknowledgment

We thank all workshop participants for their active engagement in discussing and improving the text and for communicating the idea to the spokespersons of the research alliances.

---

<sup>3</sup>[https://www.dfg.de/download/pdf/presse/20210505\\_pm\\_impulspapier\\_legislaturperiode.pdf](https://www.dfg.de/download/pdf/presse/20210505_pm_impulspapier_legislaturperiode.pdf) (latest access: 04.02.2022).

<sup>4</sup>[https://www.dfg.de/foerderung/programme/infrastruktur/lis/lis\\_foerderangebote/forschungsdaten/](https://www.dfg.de/foerderung/programme/infrastruktur/lis/lis_foerderangebote/forschungsdaten/) (latest access: 04.02.2022).