Friedrich Schiller University is a traditional university with a strong research profile rooted in the heart of Germany. As a university covering all disciplines, it offers a wide range of subjects. Its research is focused on the areas Light—Life—Liberty. It is closely networked with non-research institutions, research companies and renowned cultural institutions. With around 18,000 students and more than 8,600 employees, the university plays a major role in shaping Jena’s character as a cosmopolitan and future-oriented city.

The German Centre for integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig seeks to fill the position of a

**Scientific Programmer in Database Development (m/f/d)**

commencing on the earliest possible starting date.

**Background**

The [German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig](https://www.idiv.de) is a National Research Centre funded by the German Research Foundation (DFG). Its central mission is to promote theory-driven synthesis and data-driven theory in this emerging field. It is jointly hosted by the Martin Luther University Halle-Wittenberg (MLU), the Friedrich Schiller University Jena (FSU), the University of Leipzig (UL), and the Helmholtz Centre for Environmental Research (UFZ). For more information please visit: [www.idiv.de](http://www.idiv.de).

Within iDiv the [iDiv Biodiversity Data and Code Unit (iBID)](https://www.idiv.de) provides support on all matters related to data and code management. Our aim is to support FAIR data, the development of open source software and a move towards open science. The scientific programmer for database development will work closely with the other members of iBID and will have a broad range of tasks related to database development and operation. The programmer will also work with the data manager and other scientists from the Jena Experiment, one of iDiv’s flagship projects.

**Your responsibilities:**

- Development of database instances for projects of iDiv research groups
- Database maintenance and further development for the Jena Experiment
- Maintenance and further development of iDiv’s data portal and the underlying BEXIS2 software platform
- Support of iDiv and sDiv groups in database integration
- Participation in acquiring third party funding for research data management
- Development of training and support modules on database usage for iDiv researchers

**Your profile:**

- Scientific university degree in computer science or a related discipline
- Strong programming skills in an object-oriented language, ideally C#
- Experience in database development and operation (both relational DBMS, e.g. Postgres, and NoSQL-systems like MongoDB are of interest)
- Confident use of development environments; familiarity with agile software development methods, e.g. Scrum
• Experience in research data management is desirable but not essential
• Excellent English communication skills (spoken and written)
• Interest and ability in interdisciplinary collaboration with a diverse team of ecologists and computer scientists
• Team player and strong organizational skills

We offer:

• Work in a dynamic, international, and interdisciplinary environment in the beautiful city of Jena
• Opportunities to develop and advance scientific networks
• Excellent equipment and infrastructure
• Depending on funding and interest by the candidate, an upgrade to a full-time position (100%) is eventually possible
• Flexible working hours
• Remuneration based on the provisions of the Collective Agreement for the Public Sector of the Federal States (TV-L) up to salary scale 13—depending on the candidate’s personal qualifications—, including a special annual payment in accordance with the collective agreement.

The position is initially limited until 30 September 2021. An extension until September 2024 is planned and dependent upon successful renewal of DFG funding of iDiv.

This is a part-time position with 75% of the working hours of a full-time employee (30 hours per week). The work place will be at the FSU Jena.

Candidates with severe disabilities will be given preference in the case of equal qualifications and suitability.

Are you eager to work with us? Then submit your detailed written application via our application portal at https://apply.idiv.de, stating the vacancy ID 021/2021 by 7 February 2021. While we prefer applications via this portal, hard-copy applications may also be sent to:

German Centre for Integrative Biodiversity Research – iDiv (Halle-Jena-Leipzig)
Human Resources Department; Puschstraße 4, D-04103 Leipzig

Queries concerning the application process should be directed to hr@idiv.de, for more information on this position please contact Prof. Birgitta König-Ries (birgitta.koenig-ries@uni-jena.de).

All applications should include:

• Cover letter (in English) describing motivation for the position and relevant experience
• Complete curriculum vitae including names and contact details of at least two references
• Digital copy of degree certificate(s)

iDiv is committed to establishing and maintaining a diverse and inclusive community that collectively supports and implements our mission to do great science. We will welcome, recruit, develop, and advance talented staff from diverse genders and backgrounds.