The FAIR principles facilitate reuse of research data. **FAIR Digital Objects** are representations of research data, consisting at least of a persistent ID (PID) and a record containing machine-actionable information about the research (meta-)data.

Testbed: set of services to test the integration of all required services and to check feasibility.

- Easy to set up for everybody on everyday computers using docker containers.
- Implementing generic use cases like creating, updating, retrieving and searching PIDs.
- Used for identification of gaps in specifications and concepts, and for demonstrating feasibility.

Identified gaps under examination:
- Unspecified types: How to improve machine-actionability?
- Rules for (generic) profiles: Known structure vs flexibility
- Flexible communication: Notifications about updates and indexing

The testbed is in constant development. We are inviting you to try it out and give feedback! For example via e-mail or Github:

**Download the testbed now.**
https://github.com/kit-data-manager/testbed4inf

Contact:
Andreas Pfeil (andreas.pfeil@kit.edu)