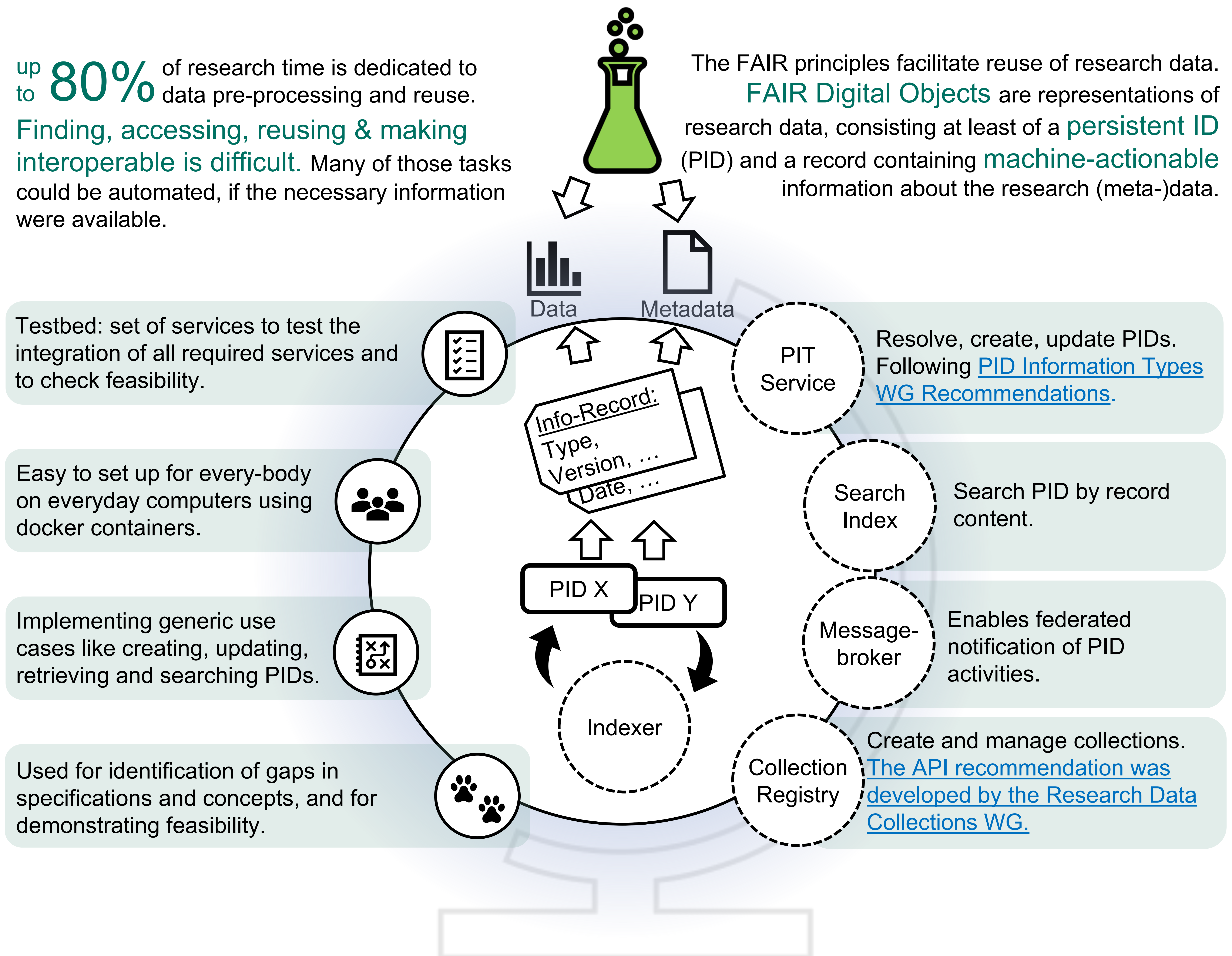


# FAIR Digital Object Ecosystem Testbed: Facilitating FAIR Digital Object usage

An ecosystem for integration testing and demonstrating FAIR Digital Object handling.  
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up to **80%** of research time is dedicated to data pre-processing and reuse. Finding, accessing, reusing & making interoperable is difficult. Many of those tasks could be automated, if the necessary information were available.

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.



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>

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