

Collection Registry

How can I bundle different resources, e.g. source code and analysis results, for a publication?

How can I organize resources in a flexible way?

How can I make aggregations of resources actionable and reusable?



Nowadays, research communities show a growing need to gather and reference related resources, e.g. datasets, source code analysis results and publications. A variety of tools and systems are used by researchers in order to manage different artifacts of their research, e.g. repositories for research data and software or instrument databases.

The **Collection API** offers the possibility to aggregate such research artifacts and to make them citable using a globally unique **Persistent Identifier (PID)**. The service can be used for building collections of digital resources independent of any repository in order to facilitate data reuse and make collections actionable to be able to cope with ever increasing amounts of research data. The **Collection API** has been recommended by the RDA Research Data Collections Working Group and the **Collection Registry** offered by FAIR Data Commons is its first complete implementation.

FAIR Data Commons Service(s)

- Collection Registry
- PIT Service (optional)

More Information



<https://kit-dm-documentation.readthedocs.io/en/latest/>



<https://www.katacoda.com/kitdm/scenarios/collection-api>



<https://github.com/kit-data-manager/collection-api>