

Do you want to play FAIR?

FAIR Data in Trustworthy Data Repositories:
but how do we put the principles into practice?

DSA Principles

(for data repositories)

data can be **found** on the internet

data are **accessible**

data are in a **usable format**

data are **reliable**

data can be **referred** to

There is a growing demand for quality criteria for research datasets.

DSA (Data Seal of Approval) and FAIR get as close as possible by qualifying the fitness for reuse of research datasets in an impartial and measurable way.

By bringing the ideas of DSA and FAIR together, we will be able to offer an operationalization that can be implemented in any certified Trustworthy Data Repository.

FAIR Principles

(for datasets)

Findable

Accessible

Interoperable

RReusable

(citable)



DANS is taking the first steps in operationalizing FAIR by granting 5 levels to each principle.
For example, the first letter of FAIR, Findable, can be divided into the following 5 levels:

1. No URI or PID and no documentation
2. PID without or with insufficient metadata
3. Metadata without PID
4. PID with limited metadata, just enough to understand the data
5. Extensive metadata and rich additional documentation available



DANS: Netherlands Institute for Permanent Access to Digital Research Resources

DANS encourages researchers to make their digital research data and related outputs Findable, Accessible, Interoperable and Reusable. We provide expert advice and certified services. Our core services are: DataverseNL for short-term data management, EASY for long-term archiving, and NARCIS, the national portal for research information. By participating in (inter)national projects, networks and research, DANS contributes to continued innovation of the global scientific data infrastructure. Open if possible, protected where necessary. DANS is an institute of the Dutch Academy KNAW and funding organisation NWO.

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