FAIR-Checker

Funding source	In-kind value	Timeframe	Target group	Scale	Year of reporting
National	**< €100k**	**2021–ongoing**	**Researchers**	**International**	**2024**

Good practice

FAIR-Checker is an online tool supporting scientists in automating FAIR assessments. It assists data stewards in evaluating metadata quality and prioritising relevant metadata. Presented at various scientific events and published in the Journal of Biomedical Semantics, FAIR-Checker is widely used, with an average of 115 000 FAIR metrics evaluations conducted monthly in 2024.

Collaborators:

- National Institute for Health and Medical Research (Inserm)
- National Research Institute for Agriculture, Food and Environment (INRAE)
- French Alternative Energies and Atomic Energy Commission (CEA)

Added value

- Providing **quick, automated checks**, ensuring research data aligns with FAIR principles, saving time and effort for researchers.
- **Improving data quality** by identifying opportunities to make datasets more accessible, interoperable and reusable.
- Boosting research impact by facilitating **better data sharing** across communities, increasing dataset visibility and fostering collaboration.

France

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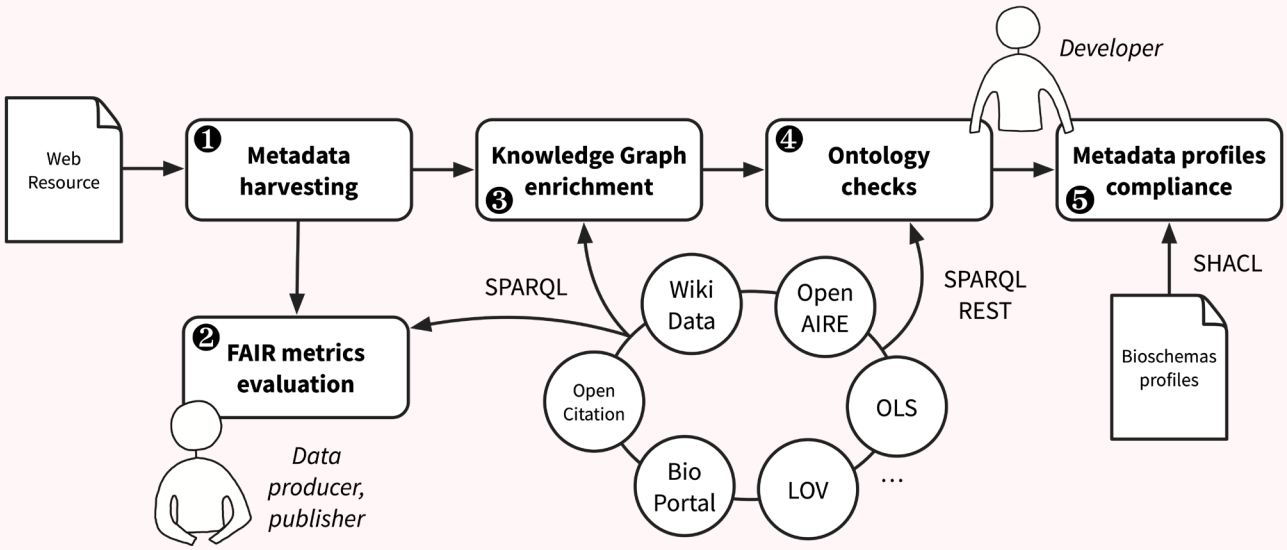
Problem addressed

Ensuring that research activities follow FAIR principles is crucial for open and reproducible science. These principles are generally specified through technology-agnostic guidelines. Scientists and data stewards can become lost in the jungle of technological approaches, wondering how to select the most FAIR-compliant data repository or improve metadata quality. FAIR-Checker is a tool designed to address this urgent need.



Overall FAIR assessment process using FAIR-Checker. Image: Alban Gaignard

SRIA General Objective

GO2: Enable the definition of standards, and the development of tools and services, to allow researchers to find, access, reuse and combine results

Research areas

- Social Sciences
- Medical and Health Sciences
- Natural Sciences
- Agricultural Sciences
- Engineering and Technology
- Humanities

Type of result

- Software
- Service

More information fair-checker.france-bioinformatique.fr

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