

Research Data Management Services in France

The Research Data Working Group of the Digital Scientific Library (BSN10) launched in 2015 an **inventory of French research data management services**, which will be referenced in the future **online catalog Cat OPIDoR**. This initiative echoes the national and international political context, in which governments and funding agencies gradually implement open science policy frameworks, whereas research activities are also altered by the ubiquity of data and the computing capacities to generate, mine and distribute them. It aims to **help research teams to identify services most able to provide them appropriate data management support** and to inform political stakeholders about where resources investment is needed.

1 A SERVICES INVENTORY

> Scope

The inventory covers all services funded and managed by French institutions and infrastructures, dedicated to public research teams from all fields. By “research data management services”, we mean the providing of human and/or technical resources for digital data management in one or more data lifecycle phases (collection, analysis, storage, release, reuse, etc.).

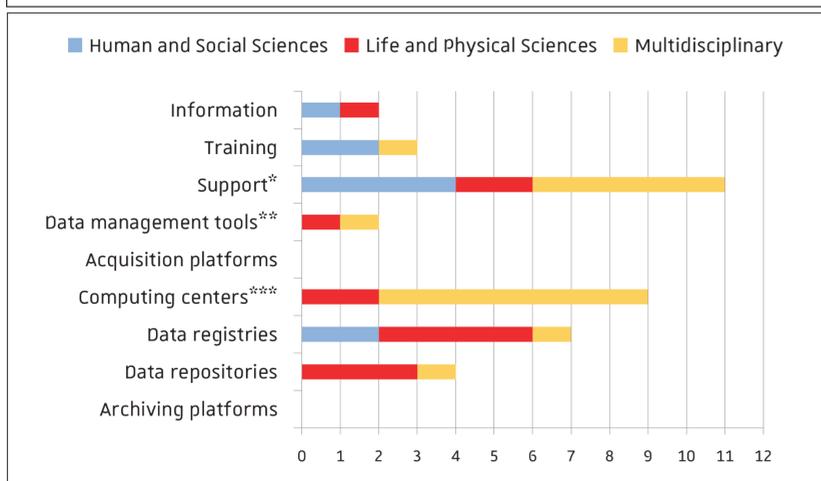
> Methodology

1. We first established a typology of services according to their function (see figures 1 and 2).
2. Then we devised an analysis matrix for each service type, in order to collect information about its identity, management, functional features and use.
3. Finally we located and analyzed the existing services (via online documentation and interviews).

> Results

Current state: 60 services, provided by 45 structures, have already been identified and analyzed.

Figure 1: Institutional services by type and research field

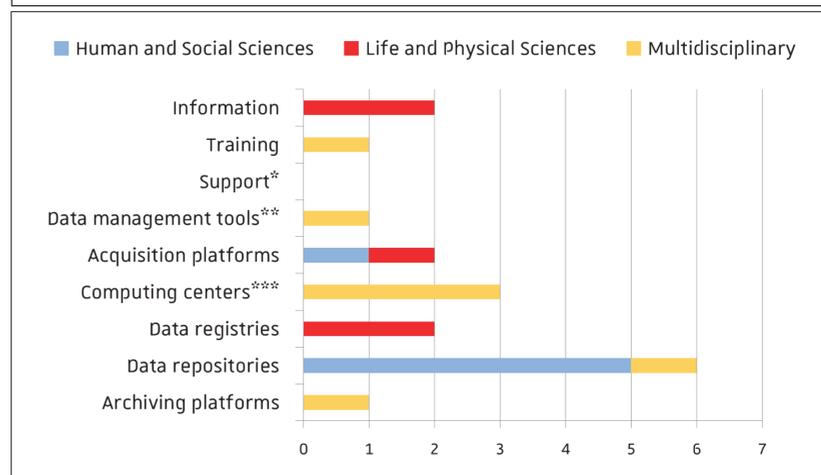


* Support: librarians/jurists/IT staffs dedicated to personalized assistance

** Data management tool: tool enabling data traceability such as DMP or persistent identifiers

*** Computing center: high-performance computing infrastructure

Figure 2: National services by type and research field

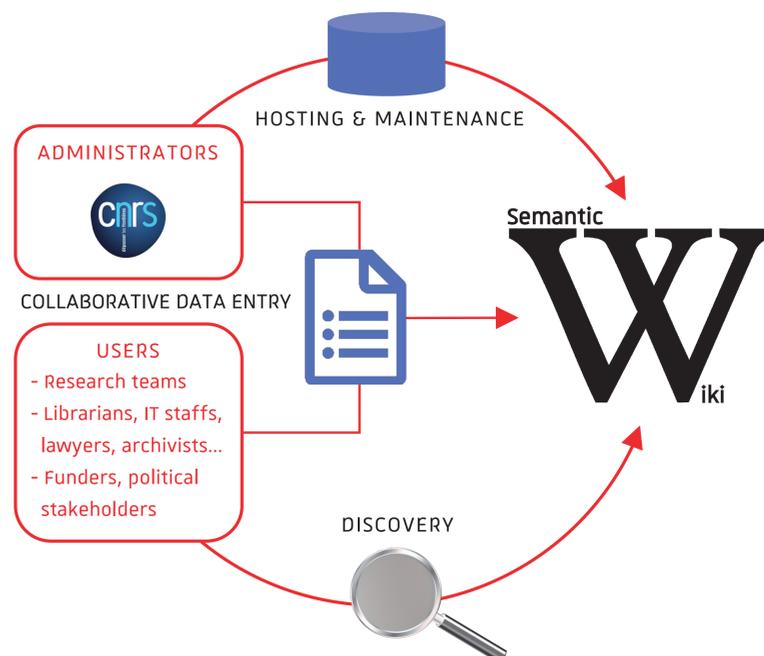


Few services have an international scope. Among them, the services of the Astronomical Data Center of Strasbourg, the sea data repository SEANOE and the archeological data repository ArkeoGIS.

2 A CATALOG PROJECT

First inventory results will be implemented in the catalog Cat OPIDoR, currently under development. Based on a free access, user-driven wiki, Cat OPIDoR will reference and describe French research data management services.

Figure 3: Operation principle of the Cat OPIDoR wiki



CONCLUSION

◆ A heterogeneous landscape

- > Different types of services
- > Different scopes of services (institutional/national/international)
- > Different groups of services managers (researchers, librarians, IT staffs...)

◆ A new landscape

- > 36% of the services we analyzed have been created after 2014.
- > 30% between 2010 and 2014.

- ◆ The national research data services catalog Cat OPIDoR shall **facilitate the understanding of this landscape and match supply with demand.**



bsn

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