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Enriching the institutional research graph on DSpace-CRIS: equipment and facilities

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Announcement: DSpace & DSpace-CRIS Merger Approved

301 views



DSpace Community

to DSpace Community

24 Nov 2025, 14:26:10



Dear DSpace Community,

We are very pleased to share with you an important update about the future of the DSpace platform.

Announcement

On November 19, the DSpace Leadership Group approved **moving forward with a merger of DSpace and DSpace-CRIS**. Prior to this vote, the DSpace Steering Group also approved the merger on November 12. With both Governance groups voting in favor, the merger of the two platforms is now officially confirmed.

Background

This decision follows several months of analysis and consultation led by two [Merger Planning Groups](#), which explored both the strategic and technical implications of unifying the two platforms. Their reports helped guide Governance toward this next step in aligning our strategic goals, reducing duplication of effort, and building a single, stronger, and more sustainable DSpace.

Kelvin Hydrodynamics Laboratory

David Dai (Manager)

Naval Architecture, Ocean And Marine Engineering

Facility/equipment: Facility

Location

United Kingdom

 Overview

 Fingerprint

 Research output (57)

 Datasets (1)

 Projects (39)

 Student theses (1)

 Activities (1)

Equipments Details

Keywords

Hydrodynamic Tank testing

Shipping

Offshore Renewable technologies

Contact information

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Terms of loan/booking

Available for loan - internal and external



INST-DSpace

<https://eurocris.org/inst-dspace-project>

Published January 14, 2026

Funded in 2026 – The project aims to expand the DSpace-CRIS data model so that instruments and facilities can be added to the snapshot for the institutional research activity. DSpace-CRIS is an increasingly popular open-source alternative to implement an institutional research information management system (RIMS/CRIS). With 54 instances from 21 different countries on the euroCRIS Directory of Research Information Systems (DRIS) at the time of writing, DSpace-CRIS is by far the most popular open-source software solution in the directory. This is because its expanded data model allows the main research entities (such as researchers, organisations, projects, publications, datasets, etc) to be effectively collected and cross-linked.



Search the DRIS

<https://dspacecris.eurocris.org/cris/explore/dris>

for

Go

Start a new search

➤ Add/Remove Filters (1 filters currently applied)

Results 1-10 of 54 (Search time: 0.001 seconds).

Results/Page | Sorted by Relevance

DRIS Entries			
Acronym	Name	Scope	Organisation
PRC	PRC (Catalan Research Portal/Portal de la Recerca de Catalunya)	Regional	Consortium for Services to Catalan Universities (CSUC)
	ConCiencia+Digital.CSIC	Institutional	Spanish National Research Council (CSIC)
FIS Uni Bamberg	Research Information System of the University of Bamberg	Institutional	Otto-Friedrich Universität Bamberg
TORE	TUHH Open Research	Institutional	Hamburg University of Technology
	Research Repository UCD	Institutional	University College Dublin
	Repositorio Institucional UCA	Institutional	Pontificia Universidad Católica Argentina (UCA)

Discover

Country	
Germany	7
Peru	6
Poland	5
Turkey	5
Lithuania	4
Serbia	4
Argentina	3
Spain	3
Switzerland	3
Chile	2
next >	



DSpace-CRIS 9

Search the repository ...

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139230

[📄](#) **PDB**
82393

[🎓](#) **ETD**
29621

[📄](#) **Datasets**
504

[👤](#) **Researchers**
8405

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180

[€](#) **Projects**
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Groups
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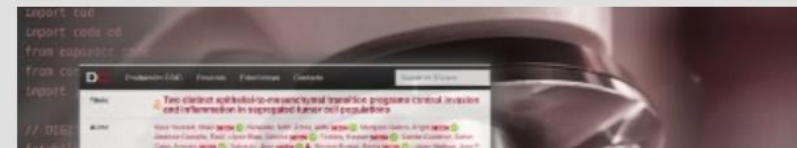
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Highlights

Guides to Use Using Advanced Open Science Services by
CSIC Community [06/05/2026]



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< previous		Showing results 10033 to 10052 of 10215	next >
Wellcome			24
Wellcome Sanger Institute			40
Wellcome Trust			688
Wellcome Trust Centre for Human Genetics			8
Wellington Medical Research Foundation			3

On the basis of the forthcoming merger between DSpace and DSpace-CRIS, *all DSpace-based repositories* may choose to expand their data model and provide a much wider range of research information...

... (potentially) including *new research entities* in their institutional snapshot

Mapping PIDINST to Refactored CERIF

Jan Dvořák, <https://orcid.org/0000-0001-8985-152X>

(work in progress)

General notes

(1) There will be a new module for instruments called CERIF-InstrumentsModule.

(2) In CERIF we distinguish between an instrument instance and an instrument model; the instance references its model. This allows for information normalization. In the ideal case, authoritative model information is made available by the instrument manufacturer.

(3) For identifiers PIDINST defines the identifierType property (items 1.1, 12.1 and 13.1). CERIF maps that to a specific subclass of Resource_Identifier. We do not make that explicit in this table, as it would clutter the other mapping info.

PIDINST					Refactored CERIF
ID	Property	Obl	Occ	Definition	Allowed values, constraints, remarks
PIDINST RECORD EXCEPT MODEL INFORMATION					Instrument_Instance (subclass of Infrastructure)
1	Identifier	M	1	Unique string that identifies the instrument instance	Resource_Identifier attached to the Resource (ancestor of Instrument_Instance)
2	SchemaVersion	M	1	Version number of the PIDINST schema used in this record	Fixed value "1.0"
3	LandingPage	M	1	A landing page that the identifier resolves to	URL
4	Name	M	1	Name by which the instrument instance is known	Free text
5	Owner	M	1–n	Institution(s) responsible for the management of the instrument. This may include the legal owner, the operator, or an institute providing access to the instrument.	Contribution_to_Infrastructure.agent where the concrete subtype is: - Infrastructure_Ownership for the legal owner, - Operating for the operator. - providing access to the instrument is not covered here, it should happen through a Service.
5.1	ownerName		1	Full name of the owner	Free text
5.2	ownerContact		0–1	Contact address of the owner	Electronic mail address
5.3	ownerIdentifier		0–1	Identifier used to identify the owner	Free text, should be a globally unique identifier
					Agent Identifier

euroCRIS

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Equipment ▼

Equipment basic information

! ^

Name *

Name

Acronym

Acronym

Institution Unique Identifier

Institution Unique Identifier

Creation Date

Year

Month

Day

Export

Statistics

...

Equipment description

Name

Hexagon Absolute Arm 8520 (7 Achsen)

Manufacturer

 Hexagon Metrology GmbH 
DOI
[10.15480/882.14663](https://doi.org/10.15480/882.14663)
Internal ID

36502008077-00

Classification

0005 -- Mess- und Demonstrationsgeräte der Mechanik


Views
59
Last Month

1

Acquisition Date

May 3, 2026

Access

Owner Organisation

 Mechatronik im Maschinenbau M-4 
Contact Person

 Kern, Thorsten Alexander  
Available since

April 22, 2019



<https://reunitaresearchinfrastructure.i3a.es/>

Search for equipment

Search

KIND OF INFRASTRUCTURE	INSTITUTION	TPOLOGY	APPLICATION	HUB
SINGULAR EQUIPMENT	BEIRA INTERIOR	ADVANCED DATA / CALCULATION	AGRIFOOD	CIRCULAR ECONOMY & ENVIRONMENT
PLATFORMS / LABS	BRASOV	ANIMAL HOUSING	CIRCULAR & BIOECONOMY	CULTURAL HERITAGE
SERVICES	BRESCIA	AUDIOVISUAL / MULTIMEDIA PRODUCTION	CULTURAL HERITAGE	DIGITAL TRANSITION
	POLITECNICO GUARDA		ELECTROMAGNETIC PROPERTIES	
	HES-SO			

Three areas the extension of the research graph into instruments/facilities could enable/deepen:

- Ability of open-source software solutions to contribute to national/regional-level aggregations for available research infrastructure for visibility and reporting
- Map the use of equipment/facilities (incl collaborations with industry)
- Visibilise the contribution of technicians to the research endeavour

Three instr

- Ability level ag reporti
- Map th
- Visibilis

KPI category (objective)	Core measurable indicators	Additional evidence where relevant
Access and user profile	Number of users by type, including academic users, industry, SMEs, start-ups, public sector and other relevant users. Share of first-time and repeat users. Share of users from other regions or countries.	User satisfaction or perceived value, collected through a light common survey template. Evidence that users could not have accessed comparable facilities elsewhere.
Support to the innovation journey	Number of tests, pilots, prototypes, demonstrations or validation activities supported. Number or share of supported projects that progress to a next stage of development, where measurable.	Evidence that access to the infrastructure enabled a concrete next step, such as further funding, certification, partnership, first customer engagement, procurement readiness, scale-up activity or market validation.
Collaboration and ecosystem value	Number or share of projects involving academic-industry collaboration. Number of follow-on collaborations or repeat engagements. Participation in European or international networks and collaborative projects.	Short case studies showing how the infrastructure contributed to ecosystem development, cross-border collaboration, value-chain integration or long-term partnerships.
Capacity and capability building	Number of students, researchers, technicians, entrepreneurs, start-up teams or other users trained or supported. Number of training, mentoring or technical support activities	Evidence of strengthened technical, organisational or innovation capabilities, especially where these effects are not immediately visible through quantitative indicators.

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and

try)

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A couple of references

- INST-DSpace project webpage, <https://eurocris.org/inst-dspace-project>
- Pablo de Castro (2025). Expanding the research graph underpinning the implementation of Open Science: research instruments and facilities. Scottish Journal of Open Research 1:1. <https://doi.org/10.36399/dme15z31>
- Gunnar Weidt (2025). New device database for TU Hamburg (blog post). TUHH University Library. <https://www.tub.tuhh.de/en/2025/02/17/geraetedatenbank-tu-hamburg/>



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Thanks! Any questions?

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