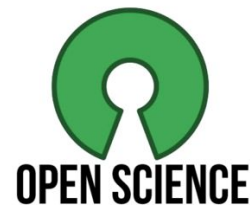


The Role of 4Science in the PeruCRIS Project



4SCIENCE
Share your knowledge



4SCIENCE
Share your knowled

RENACYT
Registro de
investigadores

SUNAT

Other Peruvian
National Databases

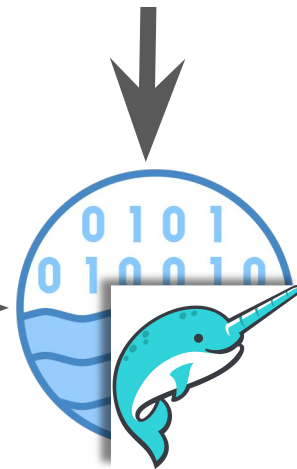
OPEN DATA



Institutional CRIS systems
CERIF PGC profile



Institutions without a
compliant CRIS system



Clarivate
Web of Science™
Scopus®

Crossref
Metadata APIs

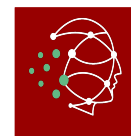


PubMed



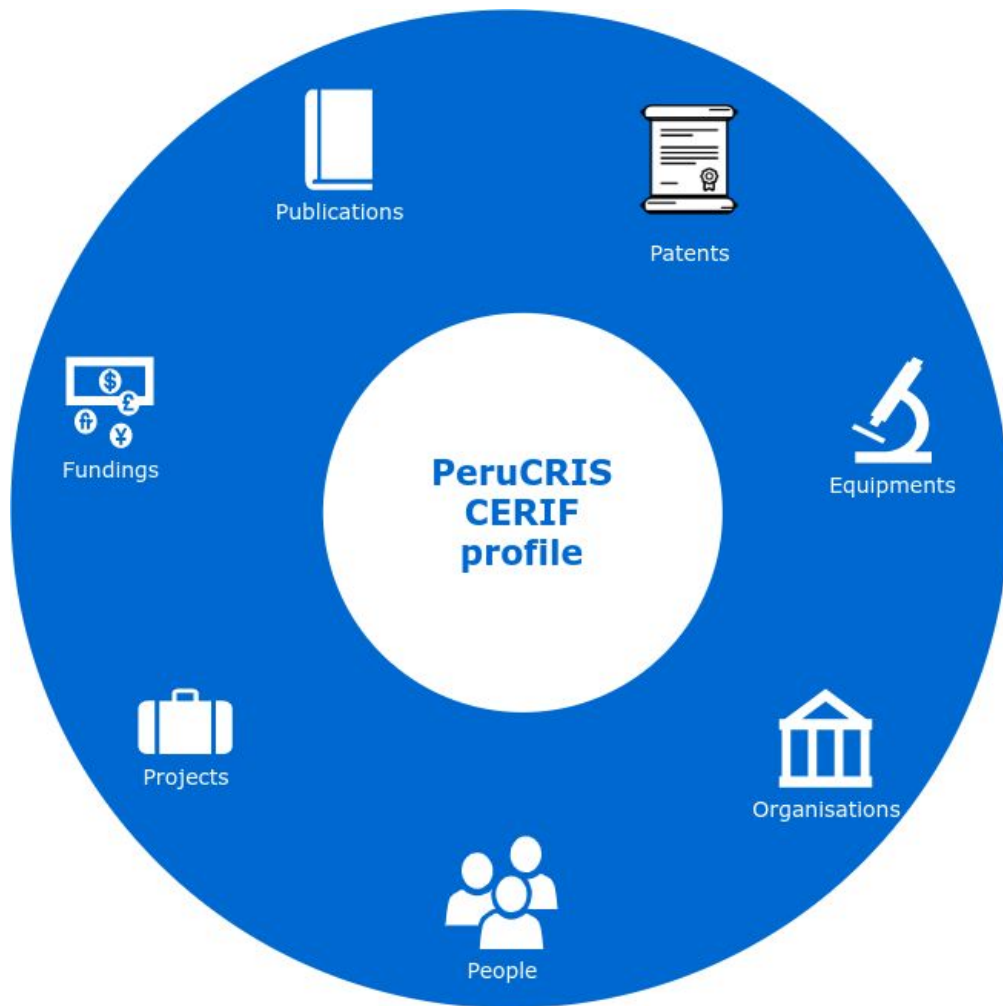
{ REST }

WWW



OpenID

ALICIA
Acceso Libre a Información Científica para la Innovación



PGC Data Model

Very close to the CERIF OpenAIRE profile



Extends the OpenAIRE profile

4Science - Methodology of Development

Agile - SCRUM Team:

- Sprints last 4 weeks
- Daily standup meeting for developers
- 3 weekly meetings for the technical team:
 - (continuous) project update with all the key stakeholder (remove blocks)
 - requirements and priorities refinement / focus on value for the project
 - test plan / acceptance test definition
- eXtreme Programming practices adopted:
 - Pair Programming
 - Code Review
 - Test Driven Development

Full DevOps:

- Continuous Integration with automatic test
- Automatic procedures to rollout (incremental) updates to development and test environments
- Full automatic setup and provisioning of the environment (AWS CloudFormation)

Designed to scale:

- All components scale horizontally and vertically

DSpace-CRIS 7: Ready to use, out-of-box CRIS

Default data model based on OpenAIRE information space and CRIS guidelines

Support for real CRIS workflows and use cases

- Full ORCID integration (pull & push)
- Profile (self)management and curation, CV export
- data quality checks & tools: deduplication, publications claim/unclaim, publication-patent-project lookup
- fine-grain security

Easy to maintain, most frequent administrative tasks can be performed via UI

Modern UX, full REST API backend

4SCIENCE
Share your knowledge

The screenshot displays the DSpace-CRIS 7 web interface. At the top, a navigation bar includes links for Research Outputs, Projects, People, Organizations, Infrastructure, and Statistics. Below this, a breadcrumb trail shows 'Home / DSpace-CRIS 7'. A red box highlights a PDF icon with the text 'PDF' below it. The main content area features a profile for 'Cortese, Claudio', a researcher at Universidad de Lima. The profile includes a birth date of 1994-10-16, gender 'm', country 'IT', and ORCID '0000-0003-4572-8711'. A bio paragraph describes his work in archaeology and digital humanities. Below the bio, sections for 'Affiliations', 'Education', 'Qualifications', and 'Publications' are visible. The 'Publications' section lists several works, including 'Extending DSpace to fulfill the requirements of Digital Libraries for Cultural Heritage Management' and 'Extending the Digital Archives of the Italian Psychology With Semantic Data'. On the left side of the profile, a sidebar lists various categories: Profile, Publications, Projects, OrgUnits, Patents, Qualifications, and Other. At the bottom of the sidebar, there are buttons for 'Author', 'Editor', 'Organization', 'Subject', 'Funding', and 'Has files'.

Thank you for your attention!



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