

CRECS 2013

09 May 2013

ODIN: ORCID and DataCite Interoperability Network

Sergio Ruiz – DataCite Operations Officer

www.odin-project.eu



**Funded by The European Union Seventh Framework
Programme - Grant agreement no. 312788**



DataCite



- International Association
- Founded in 2009
- 22 Members from 4 continents

DataCite makes research better by enabling people to find, share, and cite data. We are a leading global membership organization offering reliable persistent data identification.

We engage stakeholders including researchers, data centers, libraries, publishers, and funders through advocacy, guidance and services.



ODIN Overview



- 2 year project funded under EC FP7 Coordination and Action Programme
- ORCID (Open Researcher and Contributor ID Initiative)
- DataCite
- Partners: ORCID, DataCite, BL, CERN, Dryad, arXiv, ANDS

ODIN will build on the ORCID and DataCite initiatives to uniquely identify scientists and data sets and connect this information across multiple services and infrastructures for scholarly communication.



Project Structure



Title	Objectives	Lead partner
WP1 Project management	Efficient, timely and accurate communication between the coordinator, consortium and EC.	BL
WP2 Communication	To offer a communication framework within and beyond the consortium in order to ensure representation of all stakeholder groups in the activities of the project.	ORCID EU
WP3 Proofs of concept	Develop two disciplinary proofs of the concept of open and interoperable persistent identifiers of data and contributors in scholarly communication, in a variety of current and future scenarios.	BL
WP4 Interoperability	Prove the value of achieving interoperability between open identifiers for data and contributors in different infrastructures.	DataCite
WP5 Strategy	To enable the implementation of the 'missing thin layer' of interoperable, open, persistent identifiers in the architecture of the Collaborative Data Infrastructure proposed by HLEG in 2010.	CERN
WP6 Internationalisation	To be successful globally, the solutions proposed by ODIN must address the concerns of those global audiences. WP6 provides an additional mechanism for validating that relevance.	ANDS

Proofs of Concept: Objectives



Develop two disciplinary proofs of the concept of open and interoperable persistent identifiers of data and contributors in scholarly communication, in a variety of current and future scenarios.

Specific goals:

- Prove the ability to navigate across data and contributors in the Humanities and Social Sciences (HSS) where data and contributors are separated in space and time, with curators bridging the gap;
- Prove the ability to navigate across data and contributors in High-Energy Physics (HEP), where multiple version of articles in preliminary and final form, with several thousand contributors, need to be associated with a correspondent dataset hosted in different systems
- Identify, by a critical analysis of the proofs of concept, common issues in open and interoperable permanent identifiers of data and contributors, by establishing a common cross-disciplinary view on the relevant workflows



Interoperability



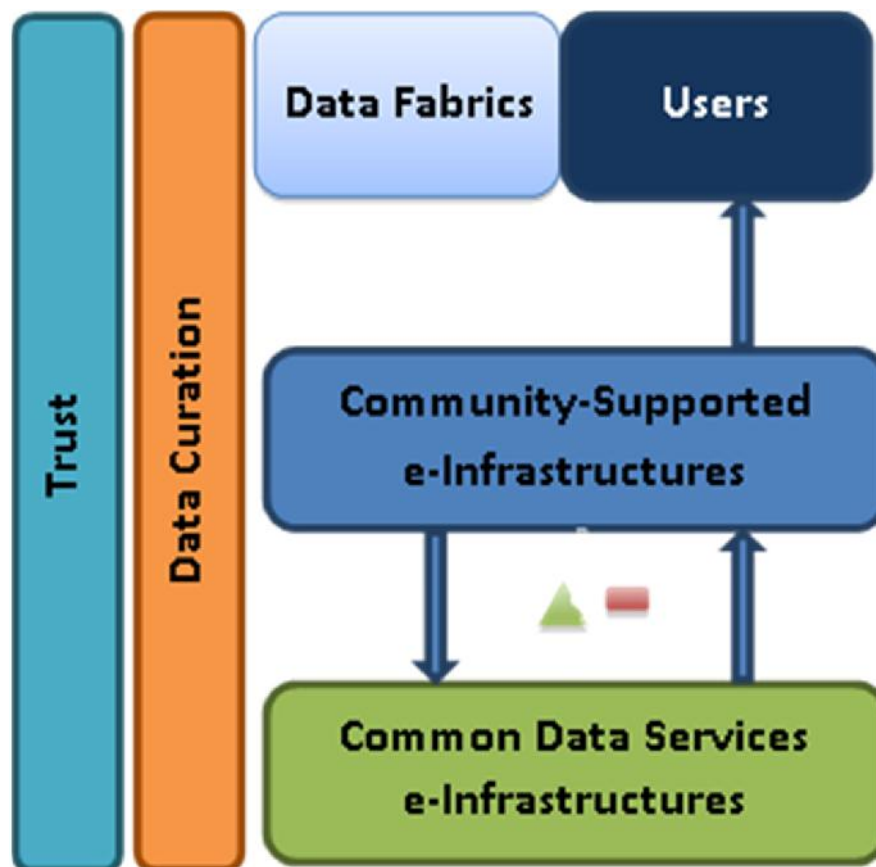
Make your research data count. Claim them
in your ORCID profile.

<http://datacite.labs.orcid-eu.org>

BETA!



Common Data Services e-Infrastructure



ORCID Outreach Meeting

- Oxford (23-24 May 2013). CodeFest: MashUps with the ORCID API

ODIN Codesprint and first year conference

- Geneva (15-17 October 2013). Codesprint on DataCite and ORCID APIs

- Almost 2M DOIs created
- MetaData schema – version 3 to be released imminently
- The last 12 months have seen a strong increase in the referencing and citing of research data

... un tren que no podemos dejar escapar.

Questions?



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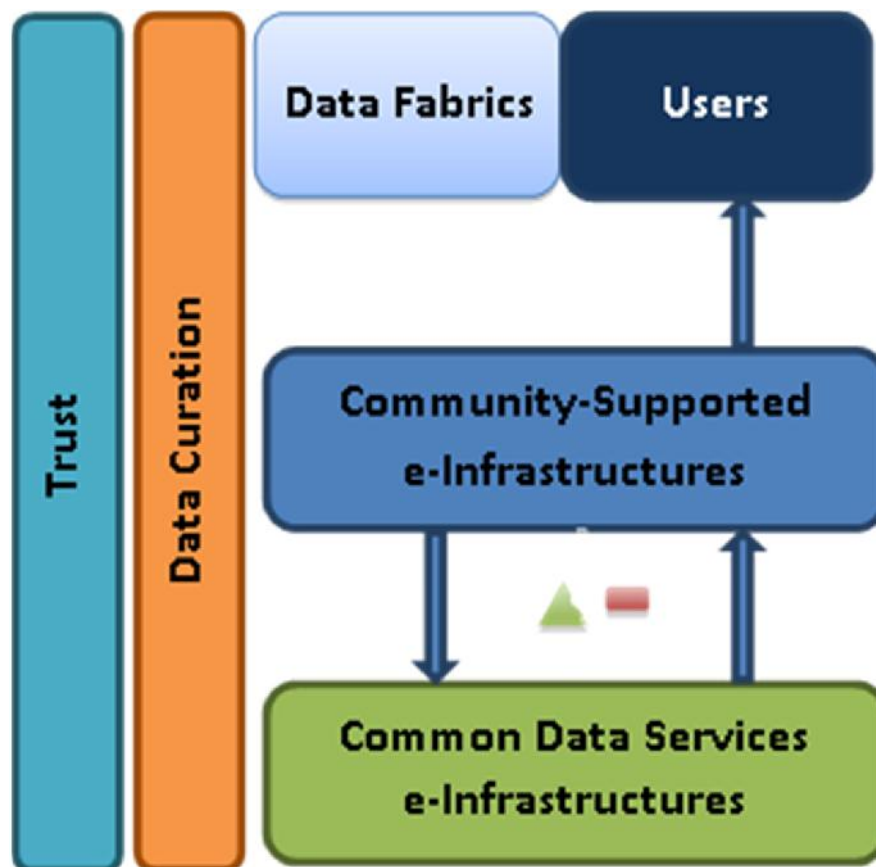
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- The last 12 months have seen a strong increase in the referencing and citing of research data
- Research data are arguably the world's greatest significantly untapped resource (Jan Brase)

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