



The way ahead for providing a universal author identification service

Martin Fenner



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The Problem: Name Ambiguity

Reliable attribution of authors and contributors is impossible without unique author identifiers

The scholarly record is broken



Why is ORCID a Solution?

Trustworthy	Inclusive and transparently governed not-for-profit
Global	Not limited by discipline, institution or geography
Open	Data and source code available under recognized open licenses
Efficient	Third-party seeding of profiles
Integrated	Part of institutional, publisher, and funding agency infrastructure

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(Planned) Launch of the ORCID Service

Adoption

Integration

Interoperability



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Key Issue

Collective Action for the Open Researcher & Contributor ID (ORCID)



MARTIN FENNER

Clinical Fellow
Hannover Medical School,
Germany



**CONSOL GARCIA
GÓMEZ**

Librarian
Universitat Politècnica de
Catalunya, UPC-BCN Tech,
Barcelona, Spain



**GUDMUNDUR A
THORISSON**

Research Associate
University of Leicester, UK
and University of Iceland,
Reykjavik

Stage 1	active author	claimed	unpublished content	manuscript or data submission
Stage 2	active author	claimed	published content	import of existing author profiles
Stage 3	active author	unclaimed	published content	curation by authors and institutions
Stage 4	inactive author	unclaimed	published content	automated disambiguation

Initial adoption will therefore most likely focus on

Manuscript / data submission

Import of existing author profiles from
other author identifier services and
institutions

Launch Partners

American Physical Society

Aries Systems

Boston University School of Medicine

Cal Tech

CrossRef

Elsevier

figshare

Hindawi

JMIR Publications

KNODE

Los Alamos National Laboratory

Nature Publishing Group

Thomson Reuters

Total Impact

Wellcome Trust

Challenges for universities

Requires Current Research Information System (CRIS) at institution

Value of ORCID registry for institutions depends on external data which will only come over time

Membership fees

Who can create an ORCID identifier?

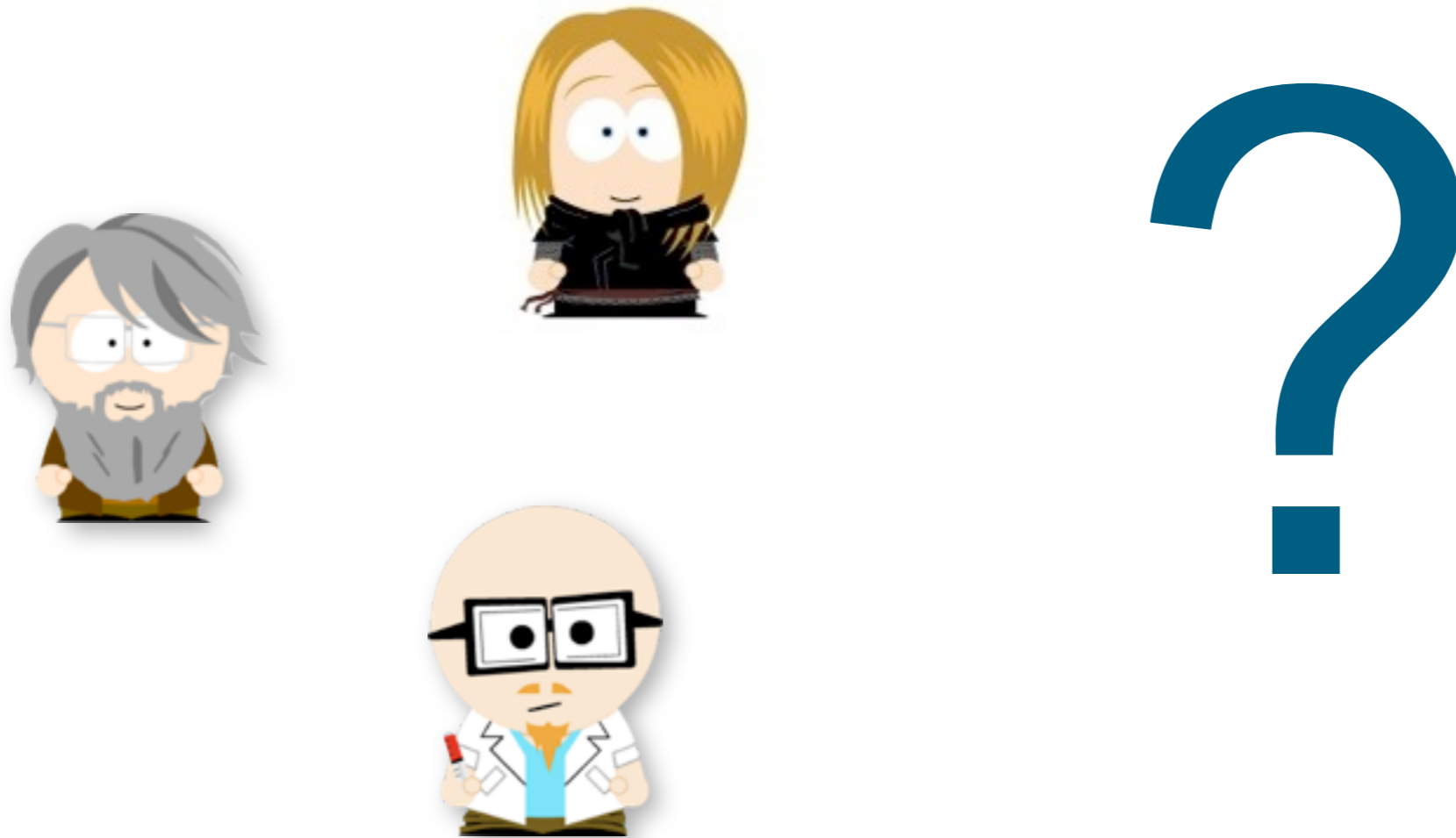


The Researcher



His Institution (e.g. University)
with permission from the researcher

What will researchers do when ORCID launches?



Membership

ORCID services requiring membership

- create ORCID records on behalf of employees or affiliates
- integrate authenticated ORCIDs into manuscript submission systems
- integrate authenticated ORCIDs into grant application processes

ORCID services not requiring membership

- Individuals may register, maintain, and share their ORCID identifier and associated ORCID record data
- Individuals and organizations may search ORCID records and view public data

Integration using the ORCID APIs

Public/Tier 1 API

- No token or registration needed
- Can only access data marked as public
- Can only READ

Member/Tier 2 API

- Registration and token needed
- With permission, can access data marked as limited
- Can READ, EDIT, APPEND. For institutions, it is also possible to CREATE

ORCID Privacy

Information in an ORCID Record has a privacy setting, which can be set by the **account owner** or **proxy**.

PUBLIC

Accessible by anyone

LIMITED

Accessible by Account Owner, Proxy(ies), Trusted Organization(s)

PRIVATE

Accessible by Account Owner, Proxy(ies)

Account information (settings, permissions) is accessible by the **account owner**

ORCID PUBLISHER WORKFLOW

- Streamline data input
- Disambiguate authors
- Create author links
- Reduce reporting burden for authors
- Support peer review process
- Support COI reporting

Researcher starts manuscript submission

Manuscript submission system asks researcher to update author profile with ORCID

ORCID Tier 2 API passes ID to manuscript submission system

Manuscript processed and content published

Metadata and ORCID deposited to CrossRef

ORCID::DOI pairing submitted to ORCID

ORCID record updated

ORCID FUNDER WORKFLOW: Grant submission

- Streamline data input
- Create trans-organization record for all grantees
- Support tracking of grantees across career
- Support cross-organization analysis

Principal investigator starts grant submission

PI prompted to update PI profile with ORCID



ORCID Tier 2 API passes ID (and PI-approved ORCID record data) to grant submission system



Grant reviewed and awarded

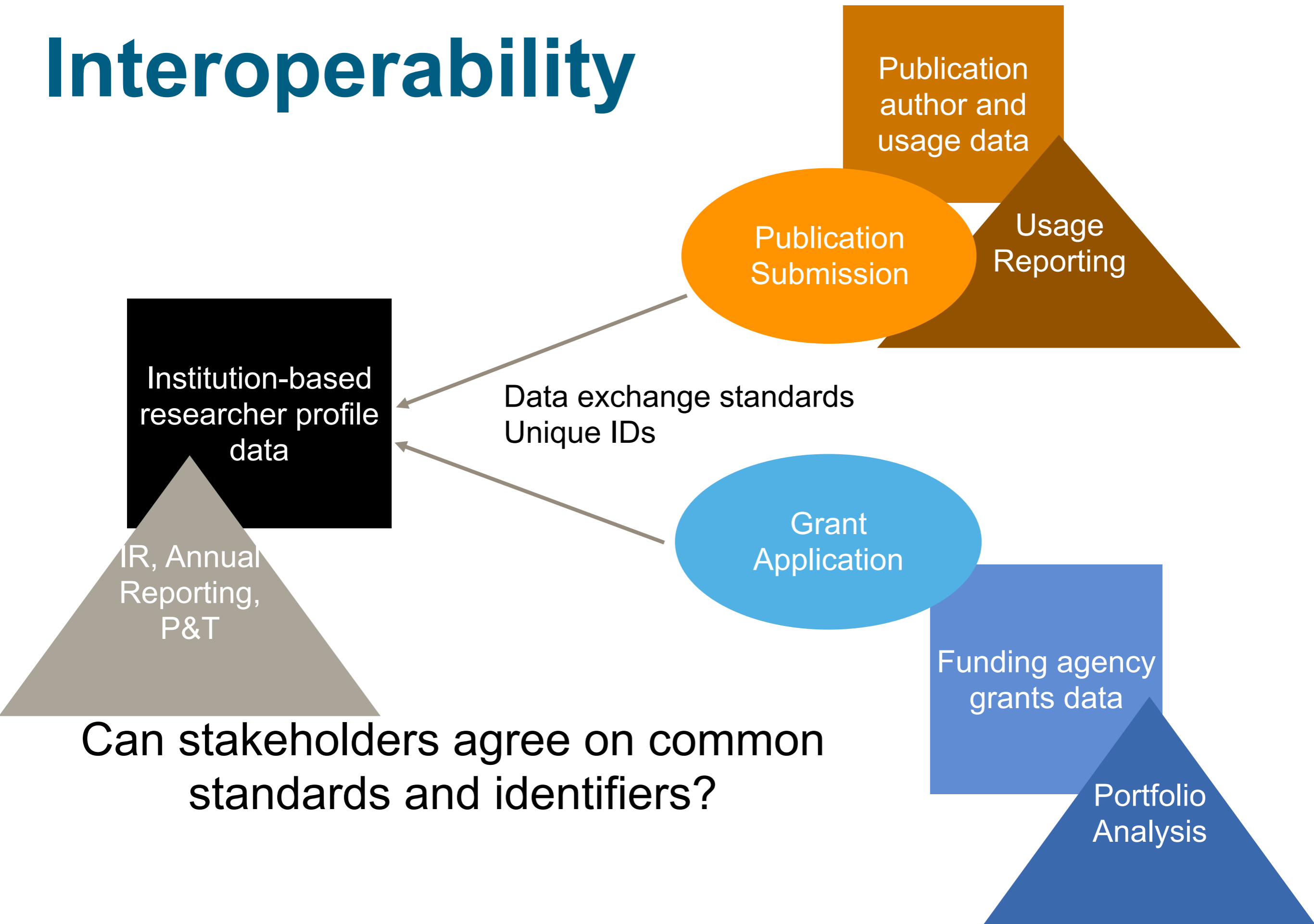
ORCID::grant pairing notice sent to PI (email) or institution (API)



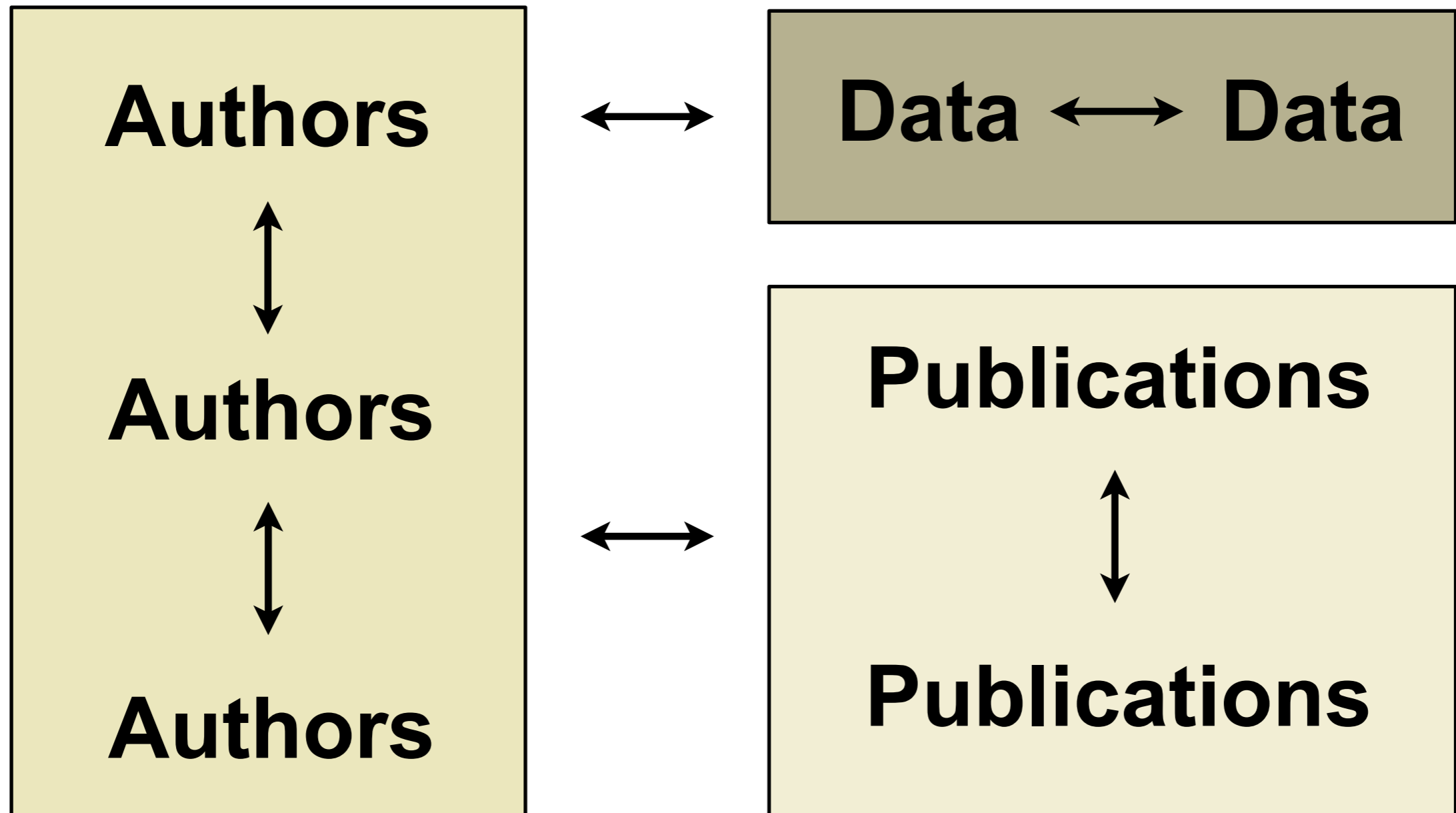
ORCID::grant pairing submitted to ORCID

PI's ORCID record updated

Interoperability



Interoperability of Unique Identifiers



ODIN

ORCID and DataCite
Interoperability Network

Awaiting final funding
approval by the
European Union

Kick-off event
October 18 in Berlin



Please join us for the ORCID
Launch at the 17 October 2012
Outreach Meeting in Berlin

Registration in person or virtual
via WebEx at
<http://about.orcid.org/meetings>