The ResearcherID Project

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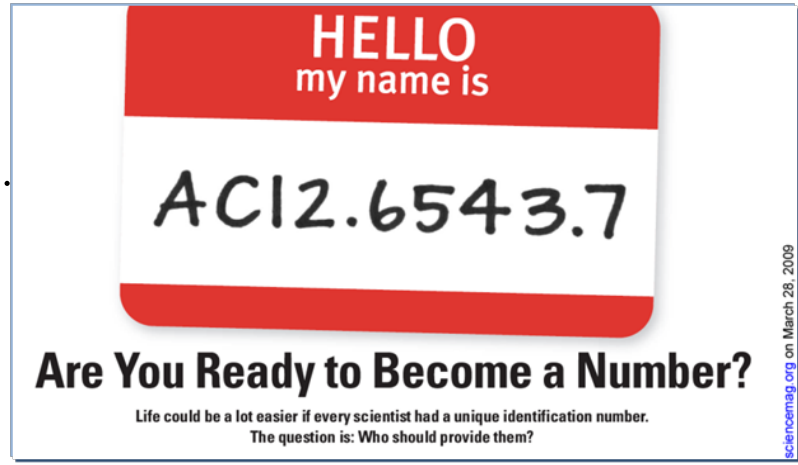
VP Product Development

Scientific and Scholarly Research

Thomson Reuters



Source: Science, March 28, 2009

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Origins of ResearcherID

- User-driven initiative
  - Research conducted in 2006-2007
- No single organization identified as natural home
  - Thomson Reuters viewed as “neutral” source
- Thomson Reuters stepped forward in late 2007/early 2008
- A voluntary publicly available researcher registration and profile service

ResearcherID forms part of “Toolkit” to support university goals for repository services

- **Researcher Citation Profiles (ResearcherID) for individuals**
  - **Integrated with bibliographic managers (EndNote Web)**
  - **Institutional upload service**
- **Web of Knowledge APIs for repository administators**
  - **Web services APIs to extract article metadata for repository posting (Available very soon)**
  - **Link technologies (eg Article Match Retrieve) for integration of citation data into repositories**

http://isiwebofknowledge.com/realvalue/

Problem of Identity in Scholarly Communications

- Open Web:
  - Multiple
  - Voluntary
  - Anonymous
  - Circumstantial
- Professional/Scholarly:
  - Unique
  - Public
  - Cumulative

Project Objectives

- Disambiguation *and* Identification
  - These papers are *authored by* a single John Smith
  - This John Smith is the one who *now* works at the university of…X
- Mobility & universality
- User control and privacy
- Ease of dissemination
- Publication list enrichment
- Records correction

Stakeholders in Scholarly Identity

- Researchers
- Research Administrators
- Research Funders
- Publishers

Some Approaches

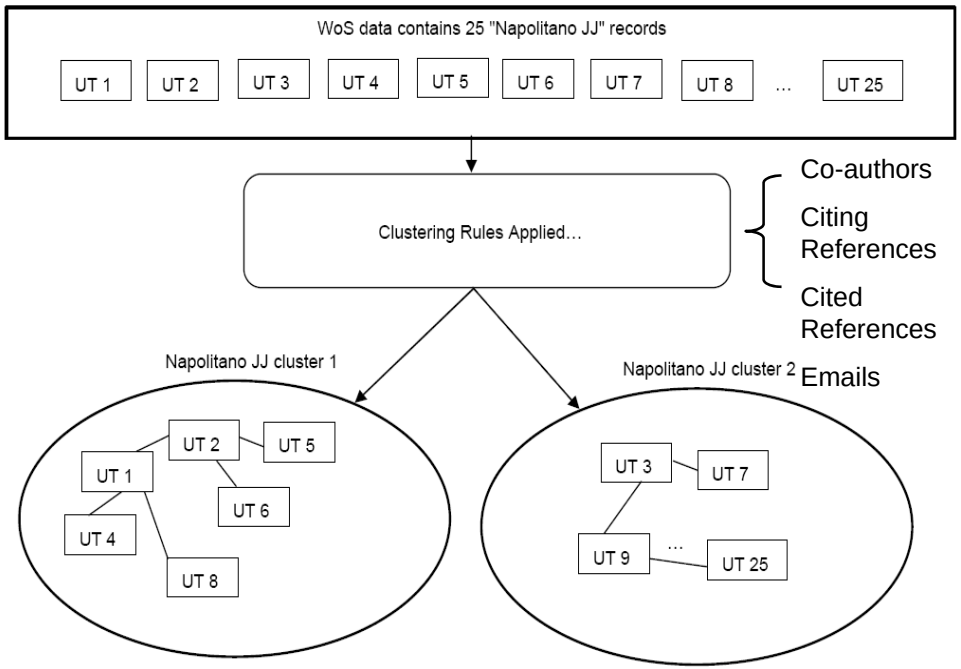
- Authority File
  - (eg Library of Congress Authorities) Precise, but resource intensive and ultimately limited in scope
- Algorithmic
  - (eg Arrowsmith Author-ity) Good for search, but limited by metadata and quality of algorithm
- Voluntary Claiming
  - (eg Repec) Successful where value proposition is clear
- Social Network
  - (eg LinkedIn) Achieves success where integrated into specific professional activities
- Mandated
  - (eg CNPq LATTES) Required by funding body
- Hybrid Models
  - (eg Collexis Biomed Experts) Combines algorithmic and voluntary claiming

Evolution toward a Hybrid Model

Web of Science DAIS (2006):

Disambiguated author profiles

Users participate by validating/correcting



http://www.isihighlycited.com (2004):

TR-maintained profiles

Users participate by providing information

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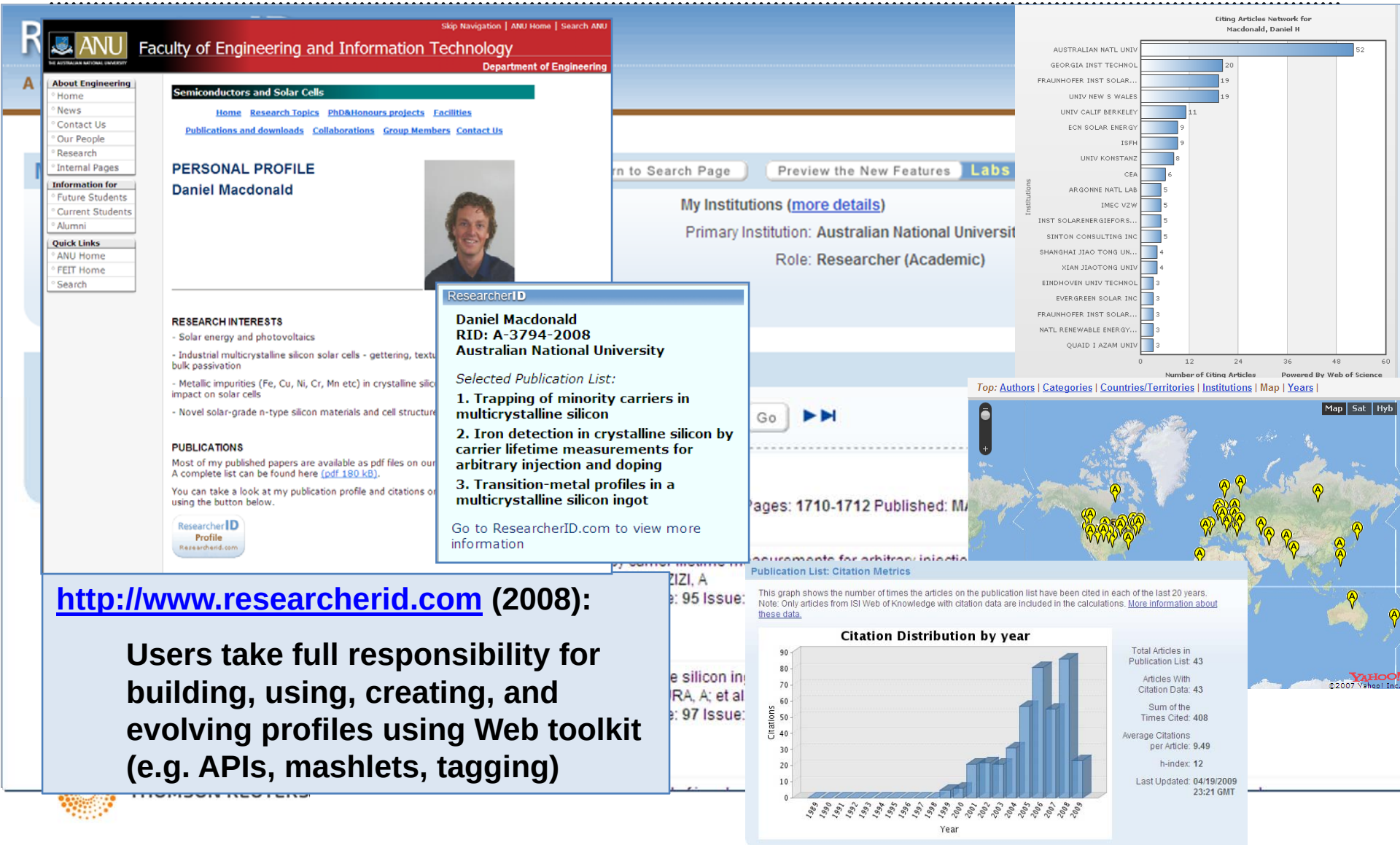
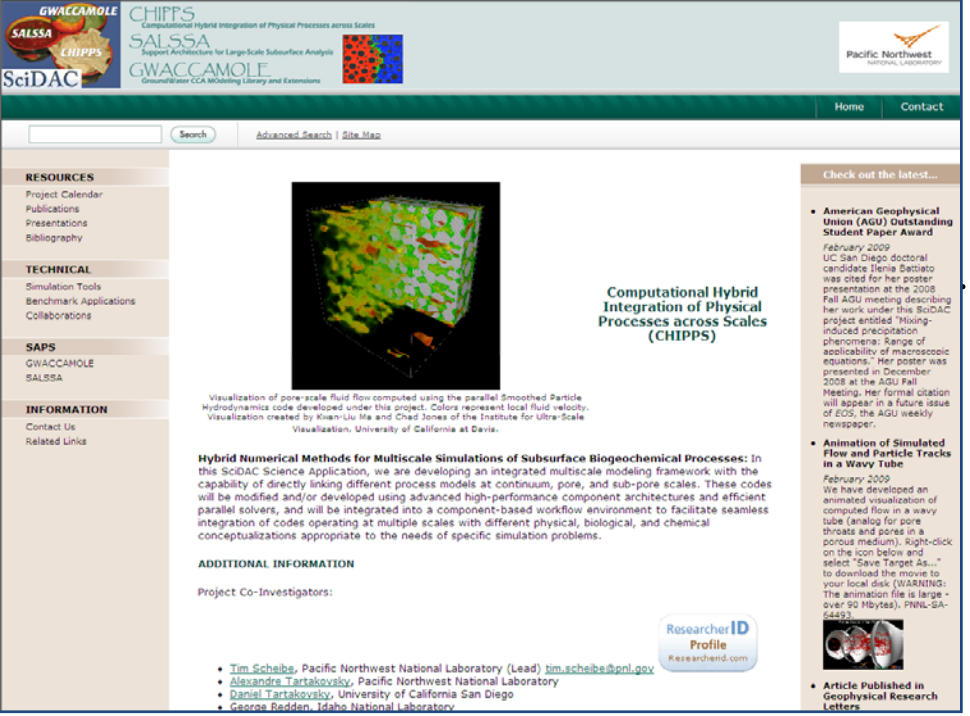
Image Source J Napolitano

ResearcherID.Com



http://www.researcherid.com (2008):

Users take full responsibility for building, using, creating, and evolving profiles using Web toolkit (e.g. APIs, mashlets, tagging)



下平英寿　（しもだいらひでとし）

統計科学　＆　バイオインフォマティクス

略歴，文献リスト（被引用回数ランキング）

文献リストの一部はResearcherID.com にもあります

教育

- 下平研究室のウェブサイト（最近の活動はこちら）
- ２００８年前期の講義：　「データ解析」（３年）
- ２００８年後期の講義：　「統計数理II」（大学院），「総合演習実験」（３年）
- 講義・演習の一覧（学外を含む）

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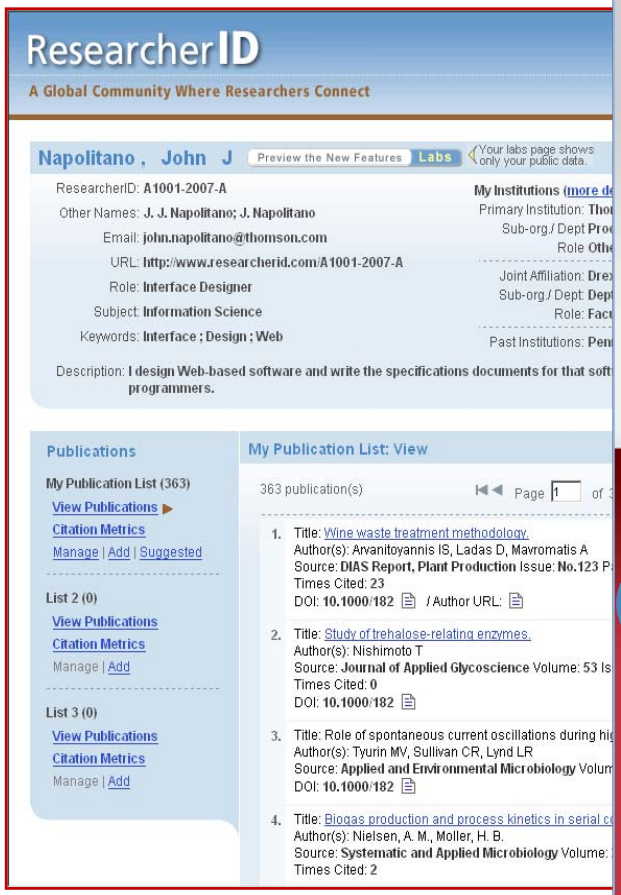
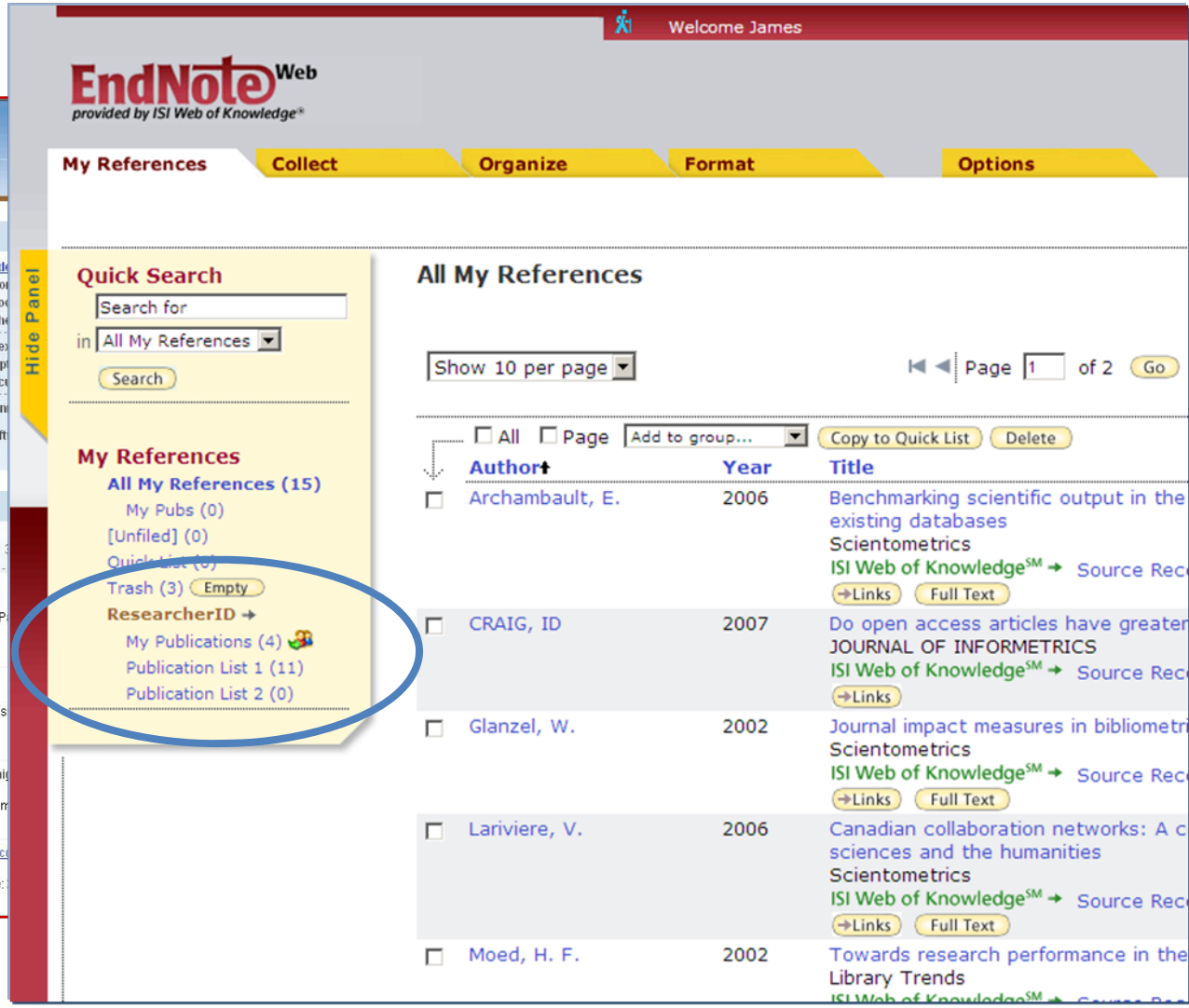
Workflow: Bibliographic Management & Export





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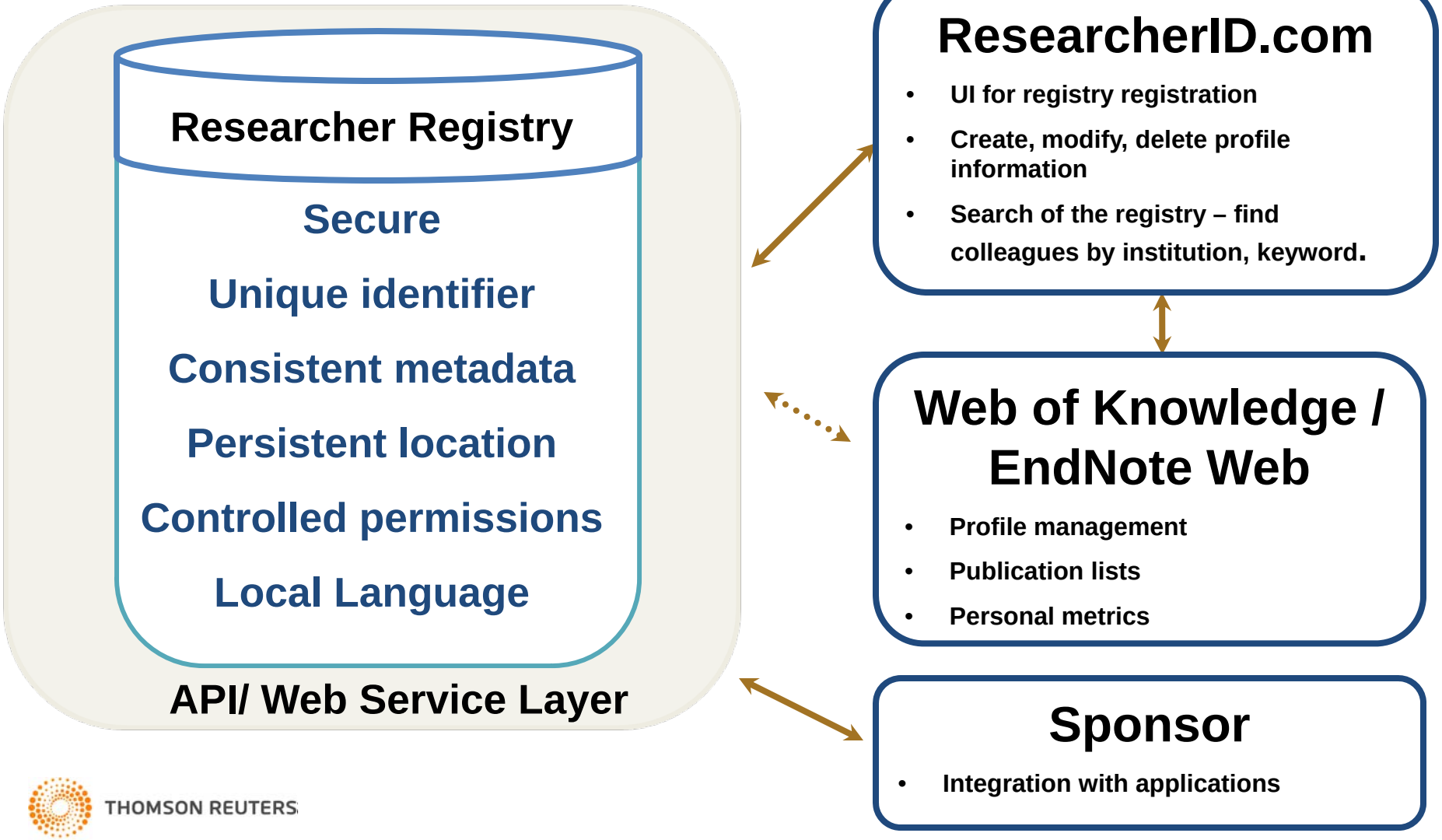
A “Sponsored Registry” Identity System Designed for Additional “Sponsors”



Participation from the Global Research Community

Top Ten Institutions

University College London

The University of Queensland

Monash University

Harvard University

University of Michigan

University of Pennsylvania

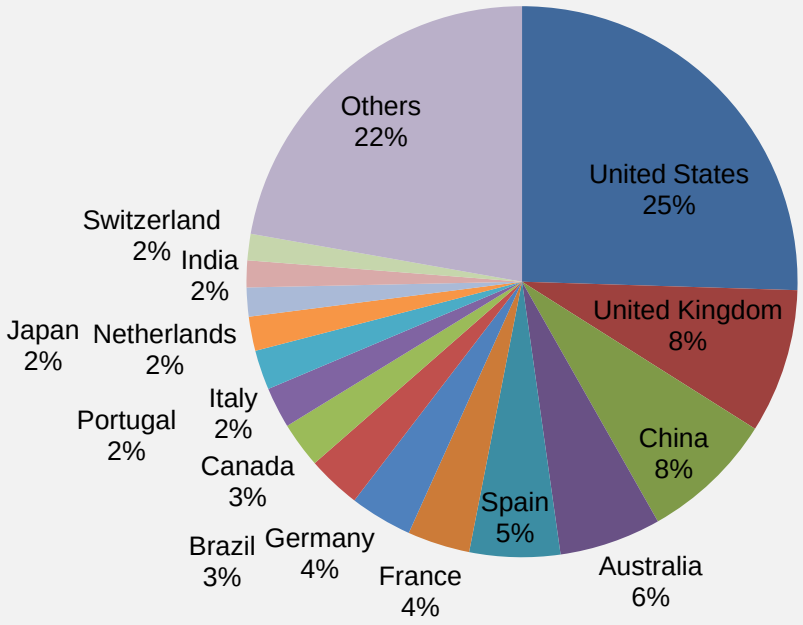
ETH Zurich

University of Cambridge

Stanford University

McGill University

Country Locations



Identity solution. Jochen Cals (*left*) and Daniel Kotz argue that a global system of unique identifiers, such as their ResearcherIDs, will help scientists better search research literature and work with colleagues.

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Assembling ***Federated Identities***

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Link My page while in the Caflisch group at the University of Zurich.

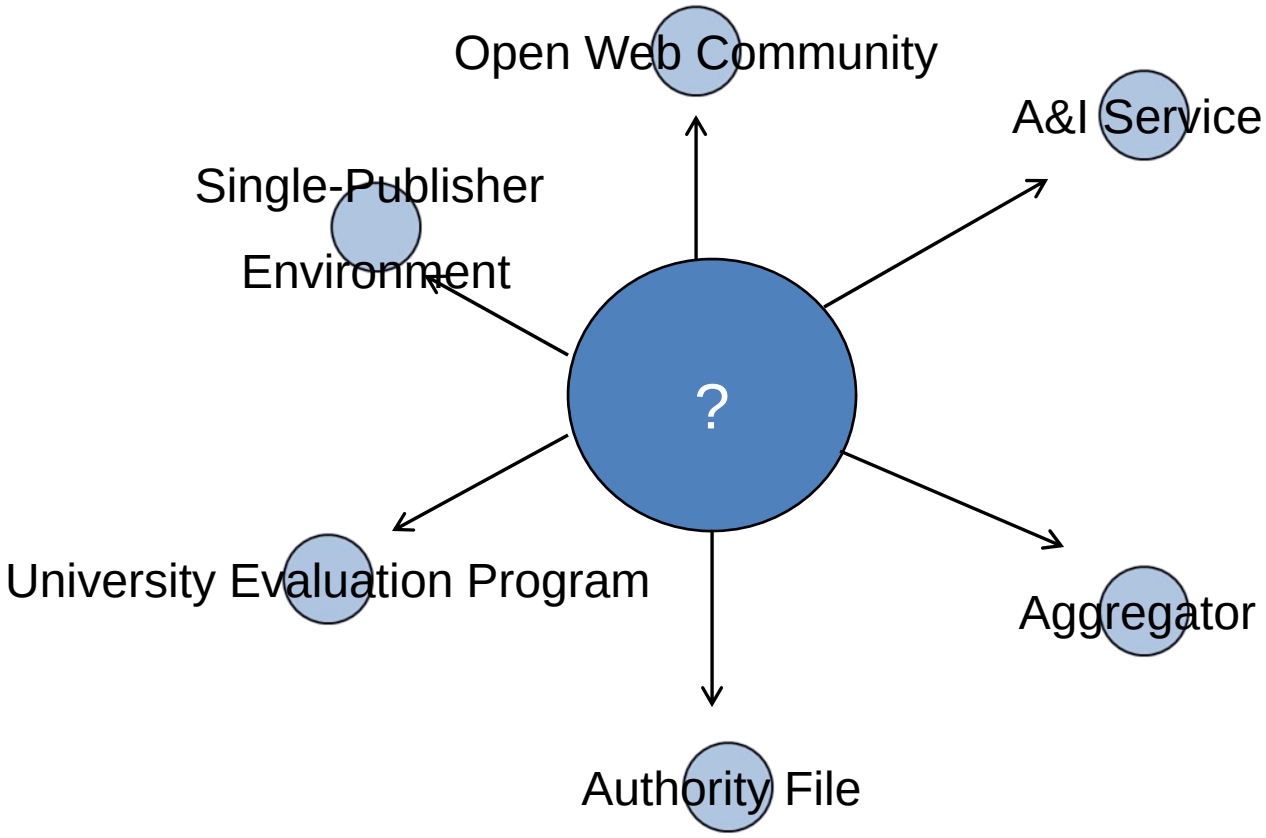
XING LinkedIn profile

Projects

Enzyme function prediction

- Identifying substrates of amidohydrolases

The Next Agenda?



Question Posed at CrossRef Meeting, November 2006

Thank You!