CASRAI
Consortia Advancing Standards In Research Administration Information
Molecular BioSystems

More research, less paperwork, better information
#casrai #casraiuK
What is CASRAI?

- International non-profit association by and for universities
- Develop reusable **definitions** to support sharing of information
- Topics chosen by members. Local and national priorities first, with international linkages and integration following
- Stakeholder members – universities and their partners - funders, suppliers, publishers
- Definitions are free to use by all. They are maintained in the CASRAI dictionary
Information Request ‘HOTSPOTS’

**Complexity**
Granularity higher than warranted by business step

**Feasibility**
Info clearly useful but very hard to collect

**Change**
Too frequent changes to info requests + across multiple requesters

**Duplication**
Can’t reuse existing info - must re-key + across multiple requesters

**Maturity**
Meaning/relevance of info needs more shared analysis

**Comparability**
Info cannot be compared across requesters and suppliers
How it works

### Identify Info Request(s)

- Members and partners shortlist problematic info requests
- Apply criteria to prioritize hotspot(s)
- Identify 1 to 3 to advance in next annual work cycle.

### Develop Standard(s)

- Issue an open call for interest & subject experts
- Assess responses and convene working groups
- Deliberations followed by open review
- Publish new/revised standard(s).

### Demo/Feedback/Iterate

- Promote the new/revised standard(s)
- Solutions providers create compliant tech demos or live rollouts in their products
- Learning feeds into next annual work cycle.
UK Pilot 2013-2015

What worked well?
• Community spirit between stakeholders
• Reached agreement on some common terms
• Vision embraced

Lessons learned?
• Process was not clear to all – communicate it better
• Research previous work
• Focus on defining a clear scope for each working group
This group recommended an International Standard Name Identifier (ISNI) model for unique identifiers for organisations.

http://jisccasraipilot.jiscinvolve.org/wp/2015/03/06/organisational-identifiers-working-group-outputs-and-update/

http://dictionary.casrai.org/Org_ID_H Types/ISNI
UK Output 2 – Data Management Plans

Produced a profile for Ethics Compliance in data management planning. The profile is also being considered for use in Canada.

http://jisccasraipilot.jiscinvolve.org/wp/working-groups/data-management-plans/

http://dictionary.casrai.org/Research_Dataset/Ethics_Compliance

Credit: justgrimes on flickr. (link is external) CC BY-SA 2.0
Produced a profile for Article Processing Charges.

http://jisccasraipilot.jiscinvolve.org/wp/working-groups/open-access/

http://dictionary.casrai.org/Open_Access_APC_Report
UK Meeting 16th May 2016

- Enthusiasm
- Acknowledged Challenges
- Willing to share
- Must research and re-use previous work
Brainstorming to find UK ‘hotspots’

1. Think of info requests you encounter that suffer from one or more of the 6 ‘hotspots’

2. Prioritise those:
   - That bring the most burden to each researcher/administrator affected
   - That affect the highest number of researchers/institutions
   - Are feasible to tackle if key stakeholders are engaged
   - Can ‘piggyback’ onto a current new UK implementation project
UK Meeting 16th May 2016 – Popular Topics

Questions to ask when reflecting on these topics:

- Can we achieve something via CASRAI approach?
- Will scope be specific?

Topics:

- Research Outputs Reporting – impact?
- Open Access Terminology gaps
- Career level definitions
- Research Excellence Framework
- Institutional Identifiers – other initiatives exist
Do we hold information about?
Do we think it would be ‘easy’ to supply?
Do you think it is important to have standard definitions?

Collaborations and Partnerships
Further Funding
Next Destination and Skills
Engagement Activities
Influence on Policy
Research Tools & Methods
Research Databases & Models
Intellectual Property & Licensing
Do we hold information about?
Do we think it would be ‘easy’ to supply?
Do you think it is important to have standard definitions?

Medical Products, Interventions and Clinical Trials
Artistic and Creative Products
Software & Technical Products
Spin Outs
Awards and Recognition
Other Outputs & Knowledge/Future Steps
Use of Facilities and Resources
Impact
For Each entity

- Add any inputs to agreeing definitions e.g. for impact there is REF, ResearchFish, institutional requirements
- List concerns
- Any other comments?
Get Involved – Multiple Levels of Engagement

• Universities can join a national chapter as members and sit on steering group
• Suppliers can join as partners
• Members and partners can propose and be involved in working groups
• Review is open to anyone at a Higher Education Institute
• Products are freely available for anyone to use
Wrap Up

• Thank you for your input
• Key points?
• Open Call for working groups coming soon
• Decision on working groups late 2016
Enquire joining or creating a chapter info@casrai.org

Browse the dictionary
http://dictionary.casrai.org/Main_Page
http://casrai.org/Call_for_Participation_in_UK_Chapter

Contact us
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Additional Information Slides below this point
University Perspective: Interoperability

- Produce a CASRAI standard question-set and definitions for a business process
- Choose a common data model e.g. CERIF XML
- Use persistent identifiers e.g. ORCID, DOI, ISNI
- Implement via solution providers to move data between systems
- Increases opportunities for data sharing
University Perspective

- Example: reporting OA activity and APC payments
- All Re-inventing classifications
- Cost to tax-payer
- Will facilitate common understanding
- Stakeholders work together mutual benefit

http://e2eoa.org/
**CASRAI: Accomplishments to-date**

**Jisc-CASRAI Pilot**
- Research Data Management Profile
- Open Access Reporting
- OrgID

**Canadian Chapter**
- Academic/Student/Abridged CV agreements
- Funding Award standard
- Research Classification Codes

**Global Work**
- Contributor Roles Taxonomy (CRediT)
- Peer Review Citation agreement