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Australian Government

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Research Outputs auto-population in RMS

(+ ARC general update)

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ARC Focus

- Reduce administrative burden on the sector.
- Implement efficient processes to automate and streamline the data collection.
- Use clean and reliable data from authoritative sources.
- Reuse data where possible.
- Use data sources that are trusted, unbiased, widely used and well regarded in the sector.

The Story So Far…….

1. April 2015: ARC released a joint statement with the NHMRC for use of ORCID.
2. Nov 2015: RMS was enhanced to allow ORCID IDs to be entered and verified in user profiles.
3. July 2017: the ARC committed to ‘integrate ORCID with their grant management systems’ as part of the AAF 2020 Vision for ORCID.
4. July 2018: ARC begins development of integrating research outputs into RMS person profiles.
5. 26 October 2018: new RMS functionality released - research outputs integration/population.

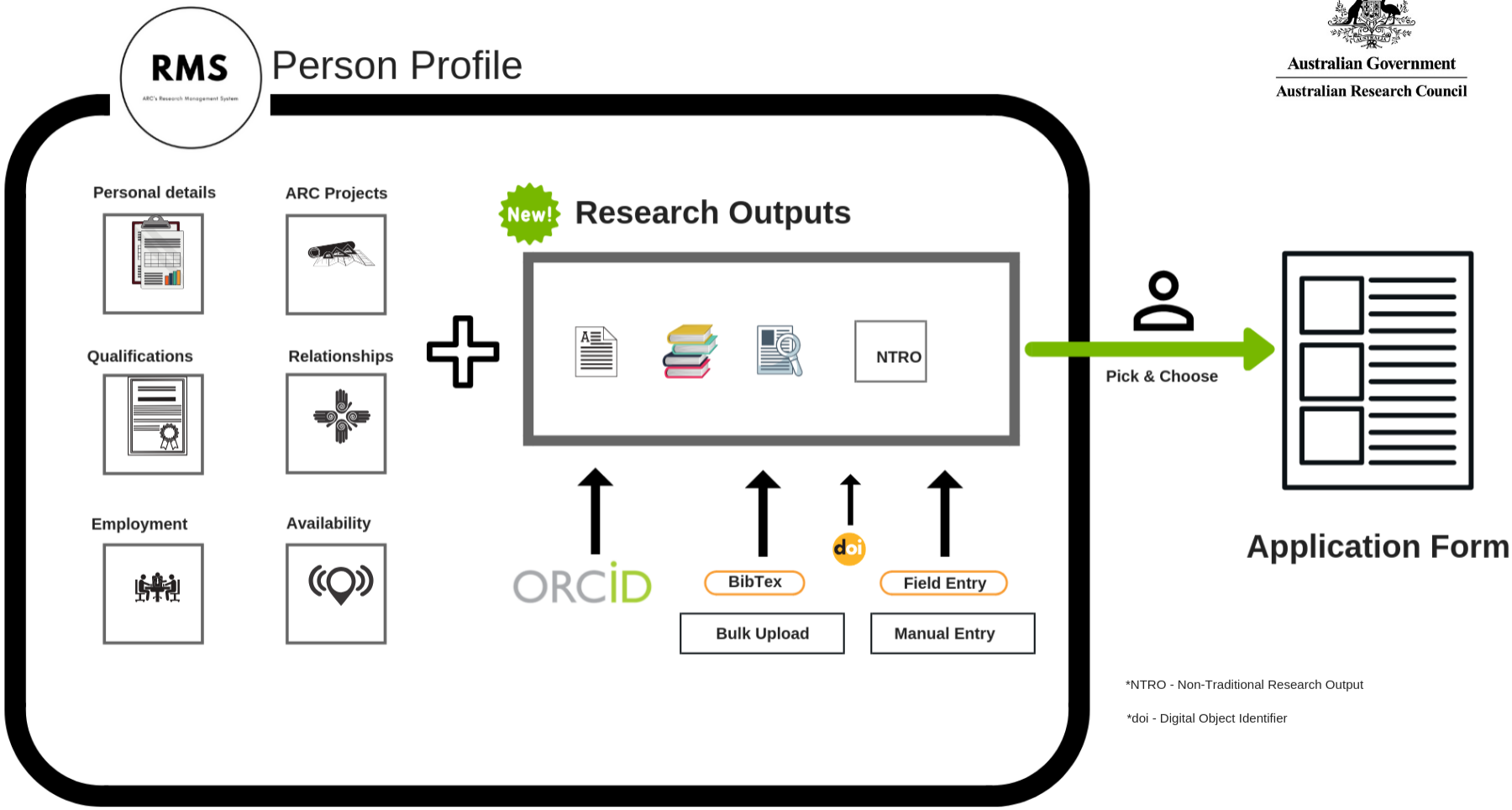
Research Outputs - New in RMS

- Researchers and Research Office Staff can list research outputs against a user's RMS person profile.
- This allows researchers to auto populate grant application forms with the research outputs held their person profile without repeated manual entry.
- Users will be able to use the research outputs in populating Discovery Projects 2020 applications.

Adding Research Outputs to RMS profile

Research outputs can be added to a user's profile through any of the following methods:

1. Link an RMS account with an ORCID account and import the research outputs from the Works section of the user's ORCID profile.
2. Upload a BibTeX file to RMS and perform a bulk upload of the research outputs contained within it.
3. Use a Digital Object Identifier (DOI) to automatically harvest research output metadata and create a research output record.
4. Manually create an individual record per research output within the RMS user profile.



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*NTRO - Non-Traditional Research Output

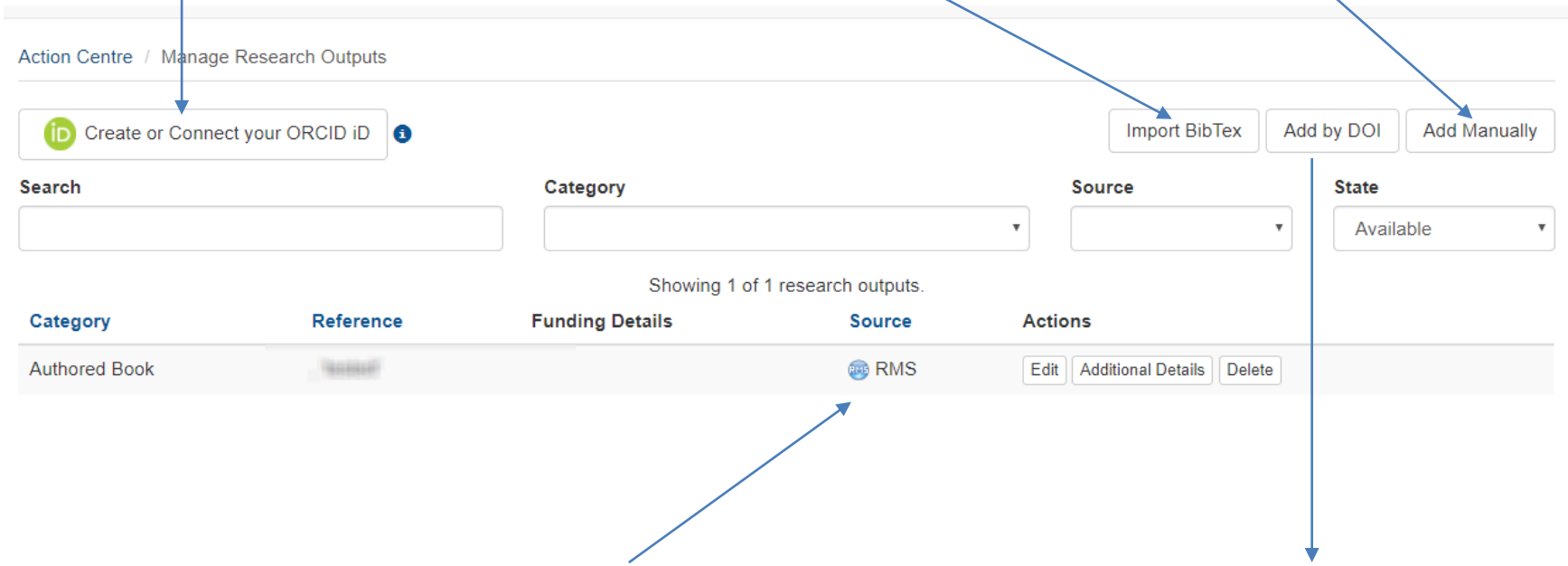
*doi - Digital Object Identifier

RMS Person Profile – Research Outputs

1. ORCID

2. Bulk upload with BibTeX file

3. Manual Entry



RMS will identify how each Research Output was listed

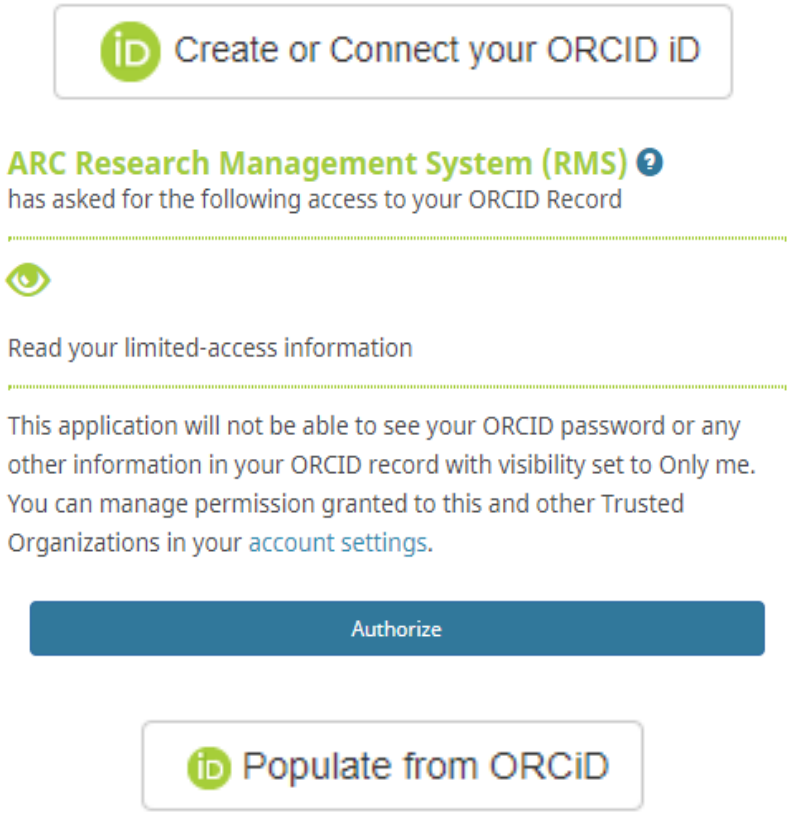
4. Import using Digital Object Identifier

ARC and ORCID

- A common stakeholder - ‘the researcher’.
- ORCID provides persistent digital identifier for researchers.
- ORCID is widely used in Aust. research institutions.
- Provides machine to machine integration via APIs.
- Researchers will maintain the control of information they share by setting privacy levels on ORCID data.
- Will save time and reduce errors through not having to manually key information.

Research Outputs – ORCID

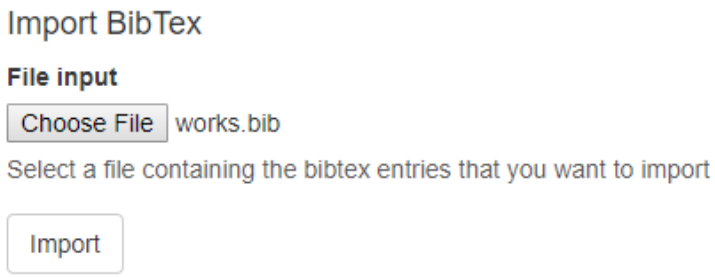
- Researchers sign in to ORCID via OAuth to validate their ORCID Identifier in RMS.
- Collect and display ORCID Identifier in RMS.
- Populate ORCID Research Output data from ‘Works’ section into RMS.



Research Outputs – DOI and BibTeX

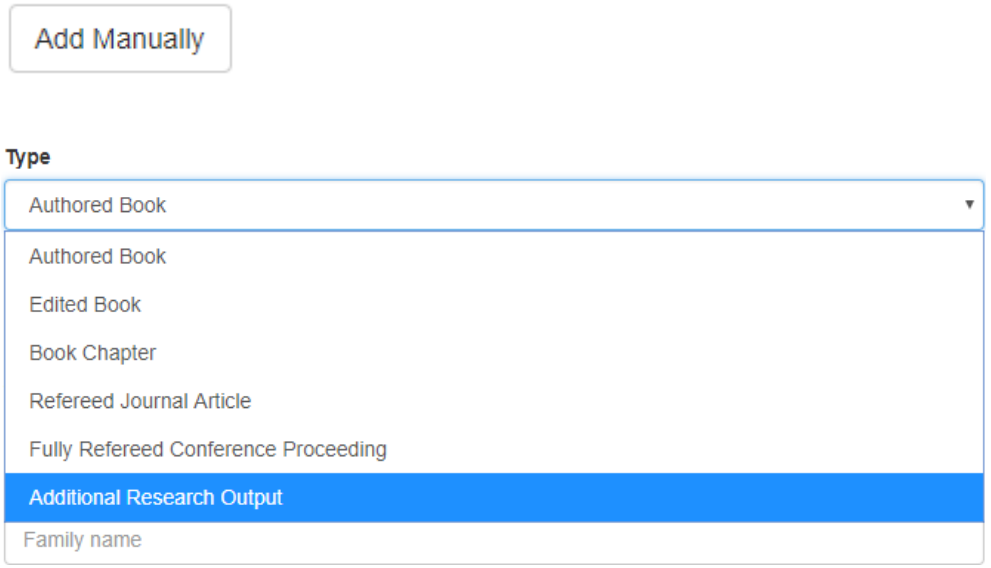
- DOI – uses information from Crossref to retrieve a research output citation

- BibTeX is a list of references, formatted in a specific way. Many citation database providers (EndNote and Scopus) provide functionality to bulk download research outputs into a single file in BibTex format.



Research Outputs – Manual Entry

- A form is provided for users to manually input the information into.
- By selecting the type of Research Output first, the form will be updated to include the relevant fields for the type of Research Output selected.



Possible future integrations in RMS

- Use ORCID Research Output in Assessor Matching algorithm.
- Use publication data for determining conflicts between proposals and assessors.
- Populate ORCID and data from (potentially) other sources into Final Reports.
- Use ORCID authentication in RMS.

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Update:

Streamlining and ERA / EI

Research

ARC streamlining initiatives

The ARC continues to look at opportunities to streamline grants administration.

- RMS enhancements—research output integration and improved eligibility management
- Ensuring consistency across scheme grant guidelines and providing better clarity and guidance
- refining application forms to reduce duplication, information quantity and application length

ARC streamlining initiatives

- Post-award:
  - reducing compliance documentation and simplify approvals for variations
  - New tools to auto-populate forms
  - Getting rid of backlog of final reports
- Consulting ARC College of Experts about information necessary for application assessment.

ERA & EI: Update on Progress

- The Engagement and Impact (EI) 2018 Assessment process is underway, and is being run as a companion exercise to the Excellence in Research for Australia (ERA) 2018 exercise.
- The ARC is implementing the fourth round of ERA in 2018. There are minimal changes to the ERA methodology from the previous round.
- The submission stages for both these processes have closed, and expert committees and panels are progressing through the evaluation stages.
- Outcomes are expected to be released in early 2019.

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Questions

Research