

ARDC Party Infrastructure Project



The Australian Research Data Commons Party Infrastructure Project (ARDCPIP) was successfully completed in July 2011. This wiki and the documents it provides remain available for reference purposes but users are advised that it is no longer actively maintained.

Current documentation relating to the Trove People Zone is available in [Trove Help](#). Contributors are advised to review this documentation and contact the Trove Support Team with any queries.

Additionally the Australian National Data Service (ANDS) makes available ARDC Party Infrastructure documentation specifically tailored for the research sector at: <http://ands.org.au/guides/ardc-party-infrastructure-awareness.html>

The Australian Research Data Commons (ARDC) Party Infrastructure Project is an Australian National Data Service (ANDS) funded project being carried out by the National Library of Australia (NLA). The project will persistently identify Australian researchers and organisations. This will enable a more coherent view of research data collections in the ARDC and their relationships with people and organisations in the innovation system.

Currently researchers and research organisations publicise their data collections and other research outputs using varying forms of name. As a result it is difficult to discover all research outputs produced by a researcher or research organisation and to see their profile.

The Party Infrastructure Project will enable:

- persistent identification of Australian researchers and research organisations;
- distributed authority control for the names of researchers and research organisations;
- improved discovery of research data, and other research outputs related to researchers and research organisations;
- improvements to the Australian innovation system as a whole by supporting improved reporting of research activity;
- aggregation of multiple sources of information about a party.

Project objective

The overall approach of the project is to extend the NLA's People Australia infrastructure to deliver a sustainable architecture that can be used to identify researchers and research organisations well into the future.

The objective of the Party Infrastructure project is to:

- extend the People Australia Data Administration module to enable distributed name authority control by information officers in research organisations;
- improve the automatic matching algorithms currently in use;
- provide standard machine interfaces to data about researchers and research organisations;
- extend the data standards used in the service to cater for the record standards used in the research sector; and,
- provide access to persistent identifiers for researchers and research organisations.

The Party Infrastructure Project is expected to run for approximately 18 months beginning January 2010. A Project Advisory Group will formally involve key stakeholders from the research sector and provide input into and review all project materials. An Implementers Group will also be established.

Project stages

Stage 1: Consultation/specification (January 2010 - June 2010)

- Community consultation on research sector requirements for the identification and description of researchers and research groups
- Project Advisory group established for consultation on the distributed party identifier infrastructure design
- The Australian Access Federation (AAF), Australian Research Council (ARC), and the National Health and Medical Research Council (NHMRC) consulted on identifier equivalence services
- Extensions completed to the People Australia machine-to-machine interfaces to enable provision of party data to the ANDS collection registry
- Preliminary bidirectional exchange of collection metadata between NLA services and the ANDS collections registry established
- Specifications for Phase 2 development and initial documentation created
- End of phase report and options for delivering Stage 2 with recommendations from the Advisory group

Stage 2: Development and Implementation (July 2010 - June 2011)

- Build Party identifier infrastructure (as defined in and agreed at the conclusion of Stage 1)
- Data Administration module delivered as well as identity matching service that enables repository and data managers to manage the party data they contribute and to obtain assigned identifiers
- Technical documentation and administrator's guide created
- End project report

ARDC Party Infrastructure Description

Version	Date	Formats
Version 1.0 (Final)	27 August 2010	Microsoft Word / PDF
Version 0.3	29 July 2010	Microsoft Word / PDF

Version 0.2	21 July 2010	Microsoft Word / PDF
Version 0.1	16 June 2010	Microsoft Word / PDF

[ANDS Bootcamp Presentation](#)