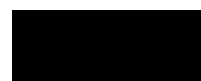




# ALIA Conference 2026



**TROVE'S FUTURE OF COLLABORATION THROUGH  
SHARED DIGITAL INFRASTRUCTURE**



**- Director Trove Data and Platforms**

Thursday 14 May 2026



# What we will cover today


- An overview of the shared digital infrastructure that powers Trove and collaborative services
- How recent service enhancements are strengthening capability and experience
- Benefits and challenges that present new opportunities
- Our priorities moving forward

*Newspaper boy, Surry Hills, New South Wales, 1966*

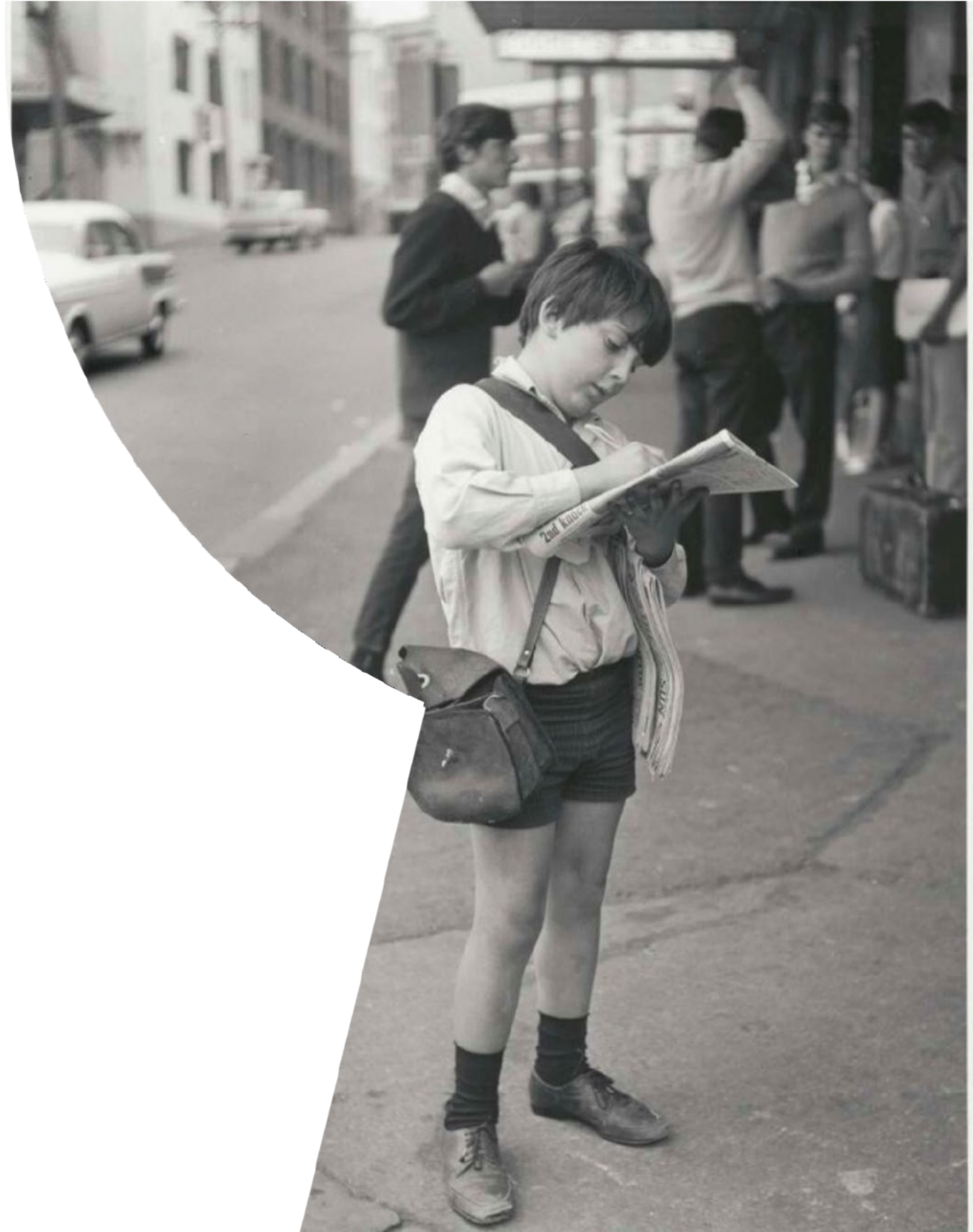
Raymond De Berquelle

**National Library of Australia**

<http://nla.gov.au/nla.obj-137367550>

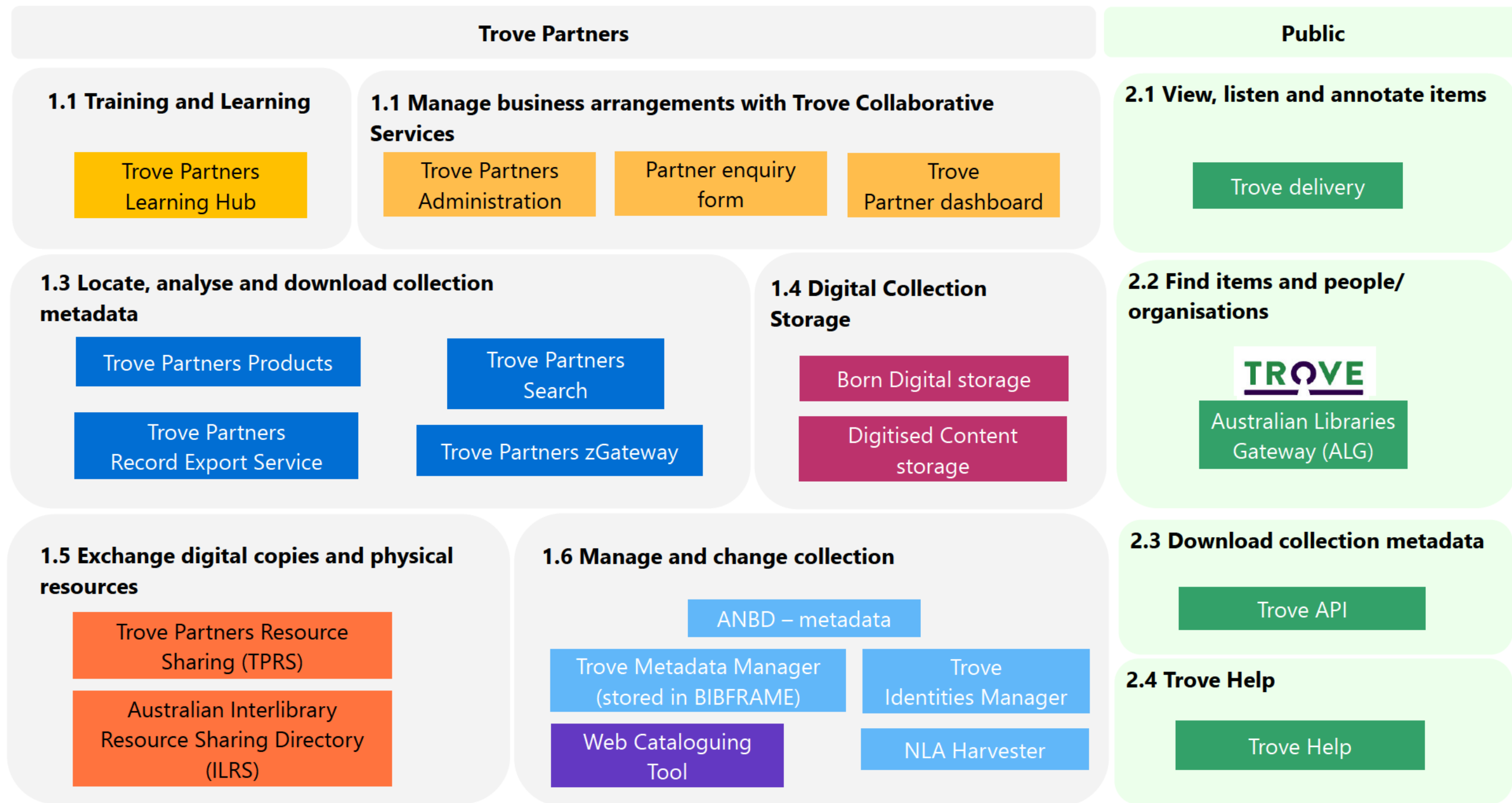
 Trove's future of collaboration through shared digital infrastructure

**TROVE**  
Partners

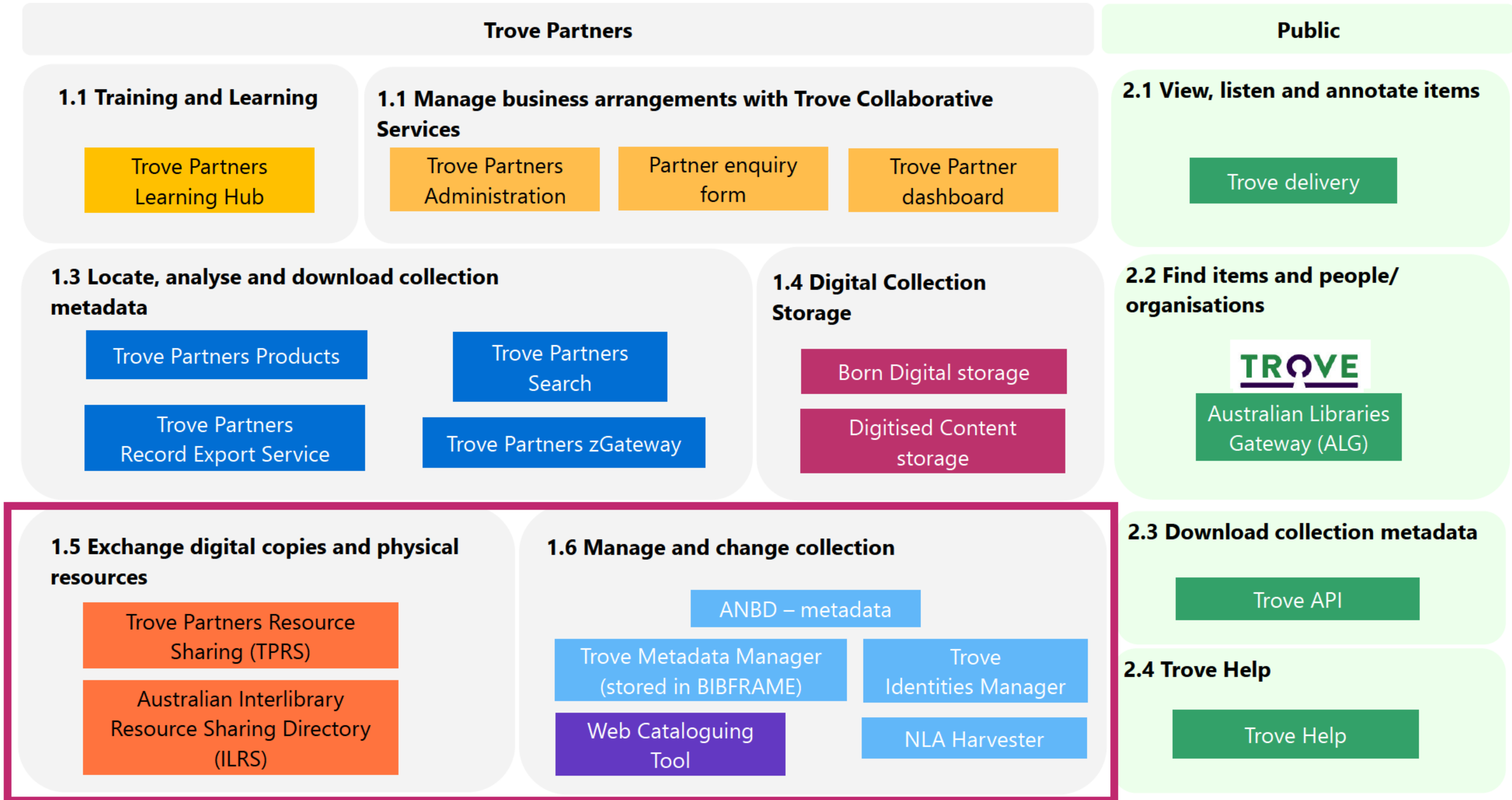


# Shared Digital Infrastructure

# Trove Ecosystem



# Trove Ecosystem



# Australian National Bibliographic System (ANBS)

# Custom-built solution for management of the ANBD

## Problem

- How to modernise a critical national dataset without losing data integrity, while ensuring inclusivity and interoperability with systems that partners use every day.

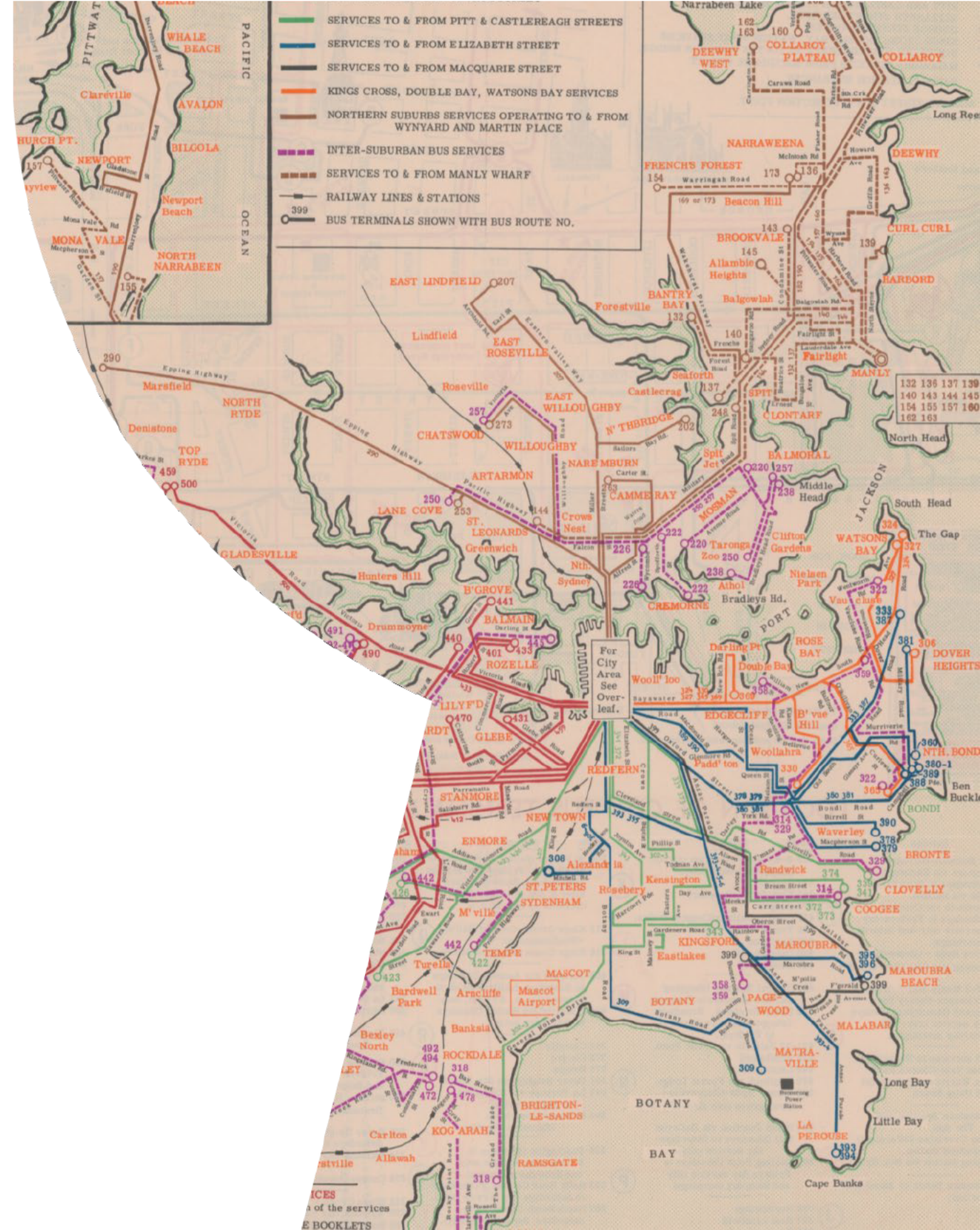
## Solution

- Delivery of a new metadata manager system (known as the Australian National Bibliographic System (ANBS)).

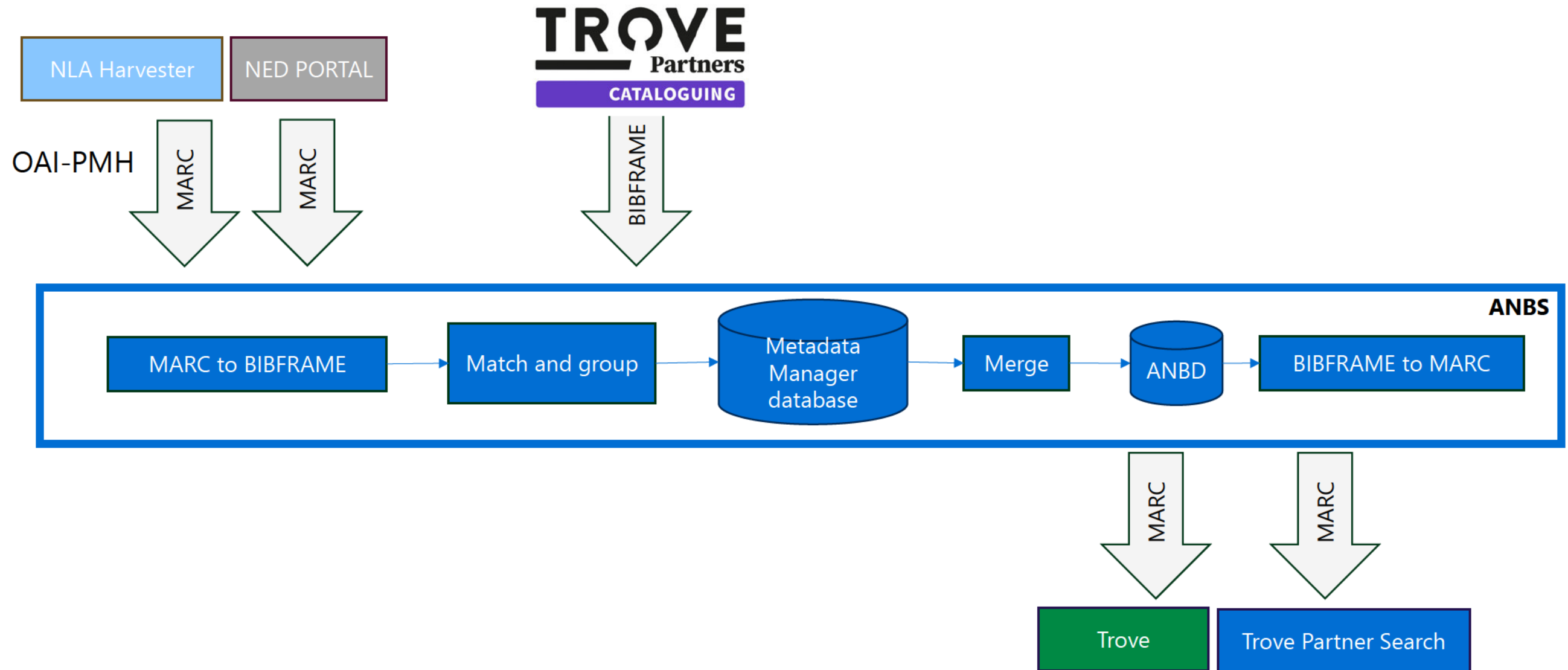
New South Wales. Department of Government Transport, issuing body. (1961). Sydney : official guide to bus services

National Library of Australia

<http://nla.gov.au/nla.obj-482382200>



# Hybrid system between MARC/ BIBFRAME



# Version history - preserving different versions

## Spotlight on possums

Russell, Rupert, 1939-

Change History

### About this work

<input checked="" type="checkbox"/> ANBD ID 000118712728	<input checked="" type="checkbox"/> Australian content Yes	<input type="checkbox"/> Carrier nc.rdacarrier
<input type="checkbox"/> Content Type txt.rdacontent	<input checked="" type="checkbox"/> Creator: Personal Names Russell, Rupert, 1939- (Person) Russell, Kay, 1952-, (Person)	<input checked="" type="checkbox"/> Language of Material eng
<input checked="" type="checkbox"/> Language of Metadata Record eng	<input type="checkbox"/> Material Type am	<input type="checkbox"/> Title (for matching) spotlight on possums by rupert russell illustrated by kay russell

### Contributions

Show 20

CONTRIBUTOR RECORD ID ↑↓	CONTRIBUTOR ↑↓	TITLE ↑↓	SUBMISSION DATE ↓
<a href="#">.b11716605</a>	[REDACTED]	Spotlight on possums / by Rupert Russell ; illustrated by Kay Russell.	14/04/2025 08:32 pm
<a href="#">3432</a>	[REDACTED]	Spotlight on possums / by Rupert Russell ; illustrated by Kay Russell.	14/04/2025 08:32 pm
<a href="#">oai:alma.61LATROBE_INST:9950050002146</a>	[REDACTED]	Spotlight on possums / by Rupert Russell ; illustrated by Kay Russell.	14/04/2025 08:32 pm
<a href="#">1658066</a>	[REDACTED]	Spotlight on possums / by Rupert Russell ; illustrated by Kay Russell.	14/04/2025 08:32 pm

## Change History

Spotlight on possums

### Work Record

Contribution Date 2026/05/03 02:14:17 am


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# Highly automated

# 99.9% of contributed records come via automatic daily harvesting updates

*Farm machinery in Australia, 1978*  
Wolfgang Sievers  
**National Library of Australia**  
<https://nla.gov.au/nla.obj-161448647/view>

 Trove's future of collaboration through shared digital infrastructure

**TROVE**  
Partners



# Benefits and Challenges

- First national-scale BIBFRAME adoption in Australia
- Among global linked data leaders for cultural collections
- Ensures interoperability and long-term sustainability
- Maintain version history and good data governance for accountability
- Changed how metadata is managed, shared and governed
- Format-agnostic, linked-data platform
- Improves data quality, and enables collaboration at national scale
- Ability to evolve with changing technology

# Priorities moving forward

- BIBFRAME In Europe
- Engage with Australian community and peak bodies to build BIBFRAME capability in Australia
- Work with vendors to determine BIBFRAME readiness
- Continue utilise data linking functionality

Controlled subject

Type

Subject - Geographic/Place

Place name

Belconnen

Belconnen

*Clear selection*

Belconnen (A.C.T.) [ANBD]

Belconnen(A.C.T.) [ANBD]

Belconnen (Canberra, A.C.T.) [ANBD]

Belconnen Town Centre (A.C.T.) [ANBD]

Belconnen (Canberra ACT SI55-16), XX176528 [AIATSIS Places]

Controlled subject

Type

Subject - Geographic/Place

Place name

Belconnen (Canberra ACT SI55-16), XX176528

↳ Link to official source: <https://aiatsis.gov.au/thesaurus/place/XX176528> ↗

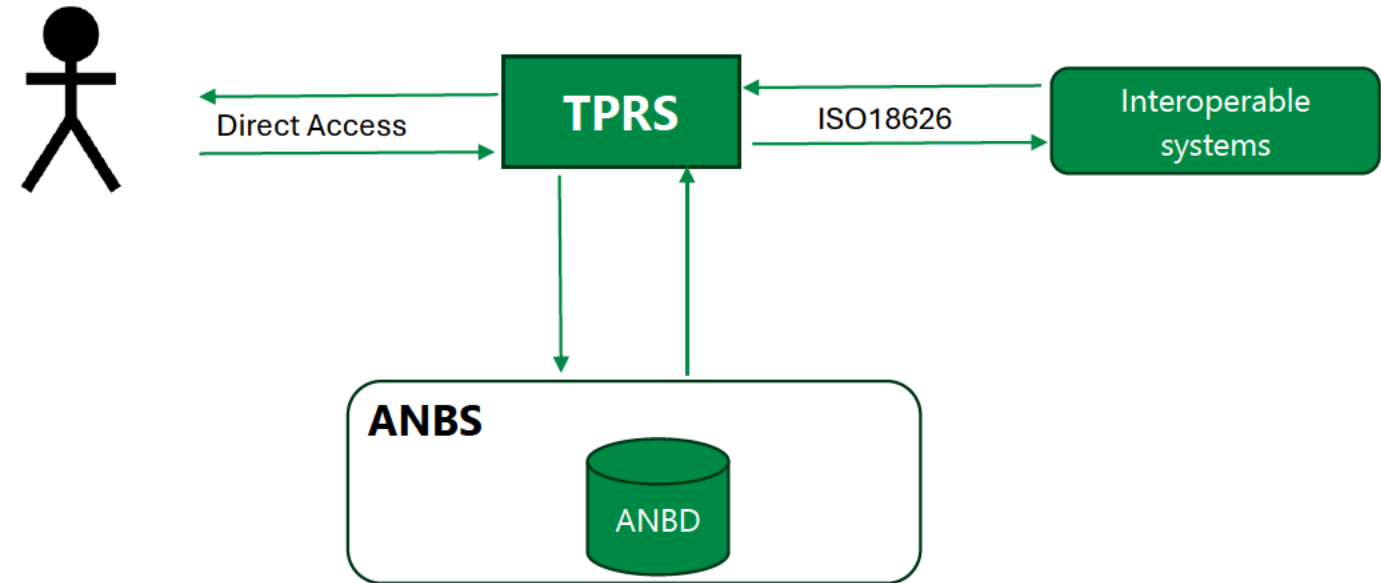
**\*New – April 2026\***

Austlang, the Topical thesaurus and the Place thesaurus integrated into the Trove Partner Search Cataloguing Tool

# **Trove Partners Resource Sharing (TPRS)**

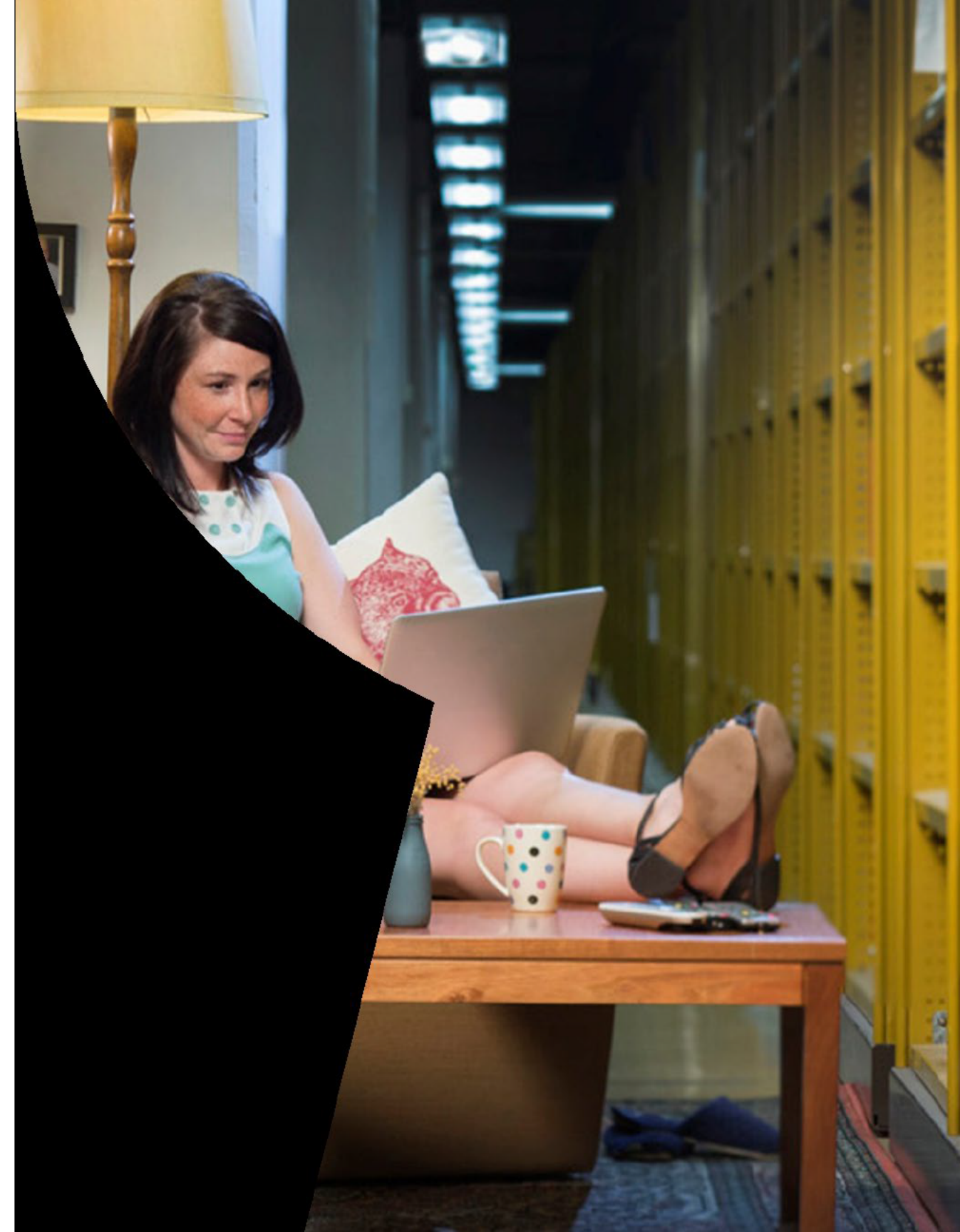
# National resource sharing platform

- A national resource sharing service supporting equitable sharing across jurisdictions
- Completely integrated with the Australian National Bibliographic Database
- An open-source software solution tailored to the Australian environment
- Reciprocal service with defined networks
- Automatic request routing system based on automatic load balancing
- High-level engagement from the Resource Sharing community



# Opportunities and Challenges

- Open-source platform with a collaborative development approach.
- Managing varied expectations, while maintaining a consistent national service offering, is an ongoing challenge.
- As a national-scale adopter, ability to advocate for enhancements that benefit the broader community and reflect large-scale operational needs.
- Build and share enhancement pipeline with priorities informed by the Trove Partners.
- Embed and refine the service based on Trove Partner feedback.



# See what's possible with Trove Partner Services

✓ **Be part** of the national collection

✓ **Access** over 43 million bibliographic records

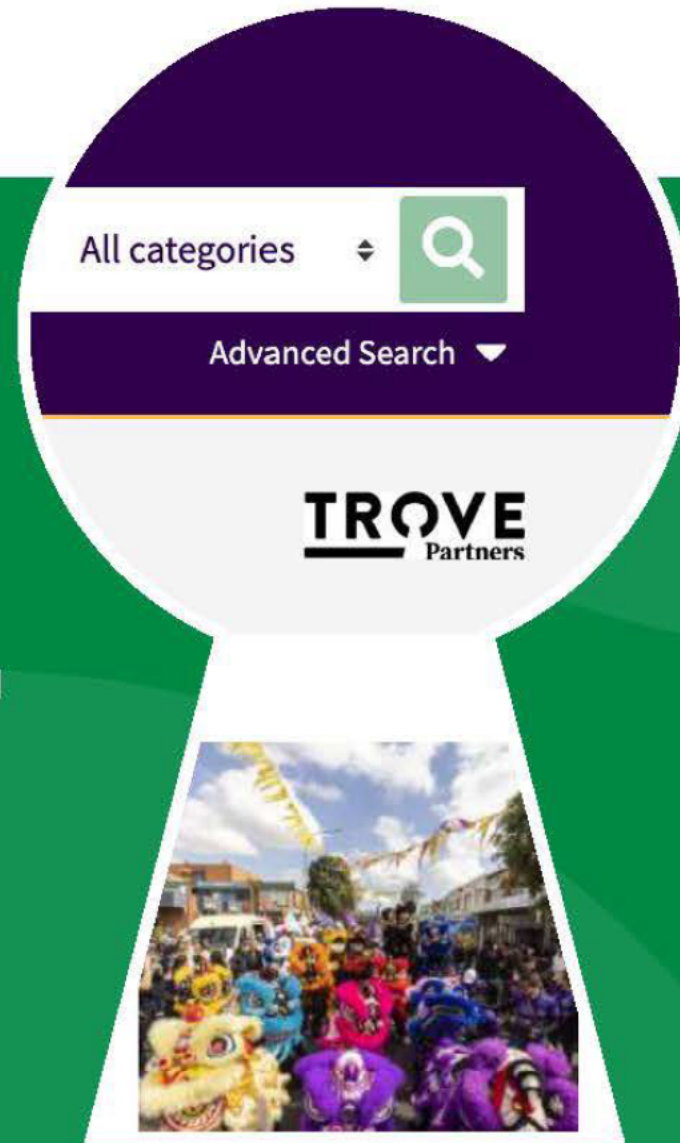
✓ Your collection in **context**

✓ **Promote** your stories

✓ **Preserve** your collections digitally

✓ National **resource sharing**

✓ Dedicated service **support**





## **Search. Discover. Australia**

Get in touch for more information  
[trove.nla.gov.au/partners](https://trove.nla.gov.au/partners)



[trove.nla.gov.au](https://trove.nla.gov.au)