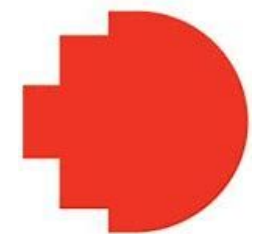


# Publishing Alma Digital records to the Australian National Bibliographic Database

We acknowledge the traditional custodians of the lands where we work and live.

We pay respect to their elders - past and present for their wisdom, teaching and cultural knowledge.



Peta Hopkins, Manager Digital Library Services, Bond University

Amelia Rowe, Senior Coordinator, Discovery & Library Systems, RMIT University

Mel Hunt, National Library of Australia

ANZREG Virtual Conference  
14 October 2020

# About us

**Peta, Bond**



About Bond:  
Gold Coast, Queensland  
Presenting from: Yugembeh  
Country

ExLibris systems:

- Alma + Alma Digital
- Leganto
- Primo VE

**Amelia, RMIT**



About RMIT:  
Melbourne based (with sites  
in Vietnam)

ExLibris systems:

- Alma + Alma Digital
- Leganto
- Esploro
- Primo BO

**Mel, Trove**



About Trove:  
National Library of  
Australia (NLA) based

Systems:

- Trove - [trove.nla.gov.au](http://trove.nla.gov.au)
- Australian National  
Bibliographic Database  
(ANBD)



*Swimmers on starting blocks. (1992). Bond University.*

©Bond University

[https://librarysearch.bond.edu.au/discovery/elivery/61BOND\\_INST:BOND/9930592092802381](https://librarysearch.bond.edu.au/discovery/elivery/61BOND_INST:BOND/9930592092802381)

# Outline

- **Community action**
- **The problem**
- **Record preparation considerations**
- **Publishing using OAI-PMH**
- **NLA harvesting and transforming data**
- **Sharing to a national database**

# community action

importance of contributing

Trove is a key mechanism for connecting searchers with unique **Australian** digital resources. The shared need to connect searchers with our unique, Australian digital resources drove a collaborative approach to find a solution.



## Trove Collaborative Services

Expertise on OAI-PMH  
harvesting and record  
transformation



## ANZREG

Australian members identified  
shared needs, requirements &  
their test procedures and  
results



## Ex Libris

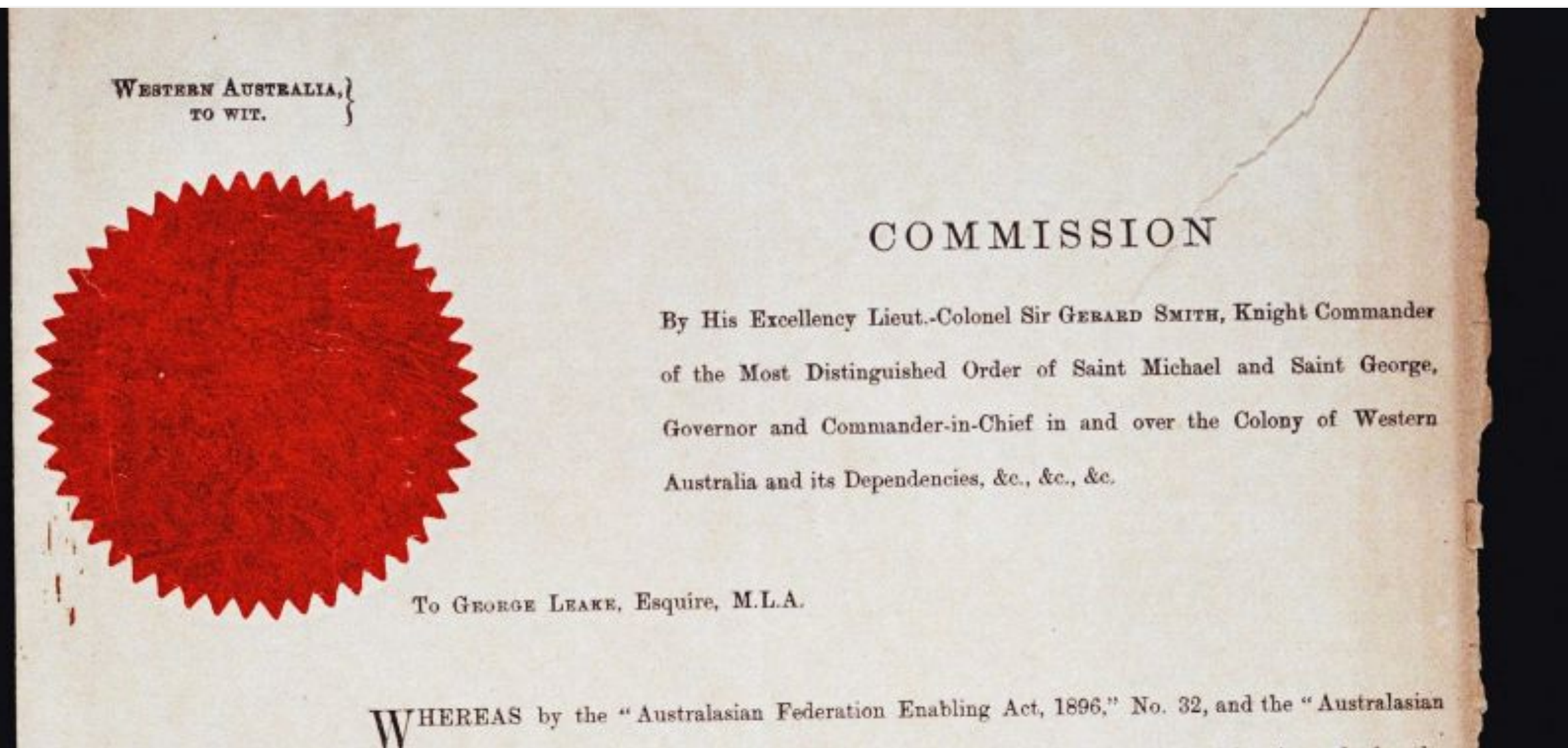
Shared expertise &  
recommendations on  
publishing profiles

# the problem

libraries australia publishing profile

The **custom** publishing profile supports Physical & Electronic inventory only

The **general** publishing profile required manual interventions to deal with file-naming conventions, and normalisation rules to meet minimum record requirements including the institution ID in the **context of the existing record update process** -- Lucy Cammell (UWA) identified these issues



Leake, G. (1897). Commission. 1897.  
No known copyright restrictions

[https://onsearch.library.uwa.edu.au/view/delivery/61UWA\\_INST/12352538550002101](https://onsearch.library.uwa.edu.au/view/delivery/61UWA_INST/12352538550002101)

# record preparation considerations

## Record format

MARC records

Dublin Core records were left for future efforts

## Record edits

Rights information

Local fields handling

NLA offered to make institution specific edits on their side

## Recommended Standards

NED (National e-Deposit scheme) in Australia

## Set of records

What records are you willing to share?

What records does your national library want?

Unique + open access content

Below:  
Catalyst student news. 22 February 1946, Volume 1,  
Issue 19, Thousands of them.



# general publishing profile setup considerations

## Data enrichment

Record normalization

Linked data enrichment (see screenshot below)

Add Management information + publish suppressed records as deleted

Digital inventory enrichment

Collection enrichment

## OAI open / allowed IPs

Open to all

OR

Restricted to allowed IPs

```
▼ <datafield tag="650" ind1=" " ind2="0">  
  <subfield code="a">Garment cutting.</subfield>  
  <subfield code="0">(uri) http://id.loc.gov/authorities/subjects/sh85053179</subfield>  
</datafield>
```

above: screenshot of Linked data enrichment

# General Publishing Profile set up

< Publishing Profile Details

Republish

Run

Cancel

Save

## Profile Details

Content Type **Bibliographic**

Profile Name \* **Publish AlmaD records to Libraries Australia**

Profile Description **Use this profile to publish Alma Digital MARC records to Libraries Australia via OAI-PMH**

## Publishing Parameters

Status  Active  Inactive

Scheduling **Not scheduled**

Email Notifications

## Content

Set name \* **AlmaD Libraries Australia**

Filter out the data using

Publish on: **Bibliographic level**

Output format **MARC21 Bibliographic**

## Publishing Protocol

FTP

OAI

Set Spec \* **RMIT\_ALMAD**

Set Name \* **RMIT\_ALMAD**

Metadata Prefix \* **marc21**



# General Publishing Profile set up

← Publishing Profile Details

Republish Run Cancel Save

Add Electronic Portfolio Information

## Digital Inventory Enrichment

Add Digital Representation Information

Add Remote Representation Information

Repeatable field \*

Internal Identifier (PID) subfield

Thumbnail URL subfield

Public Note subfield

Usage Type subfield

Delivery Description subfield

Updated by subfield

Update date subfield

Repository Code subfield

Originating Object ID subfield

Linking Parameter 2 subfield

Linking Parameter 4 subfield

Delivery URL subfield

Label subfield

Library subfield

Entity Type subfield

Created by subfield

Create date subfield

Repository Name subfield

Linking Parameter 1 subfield

Linking Parameter 3 subfield

Linking Parameter 5 subfield

## Collection Enrichment

Add Collection Information

Repeatable field \*

Collection Name subfield

Collection ID subfield

# OAI Feed

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼ <OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/ http://www.openarchives.org/OAI/2.0/OAI-PMH.xsd">
  <responseDate>2020-08-14T01:17:26Z</responseDate>
  <request verb="ListRecords" metadataPrefix="marc21" set="RMIT_ALMAD">https://ap01.alma.exlibrisgroup.com/view/oai/61RMIT_INST/request</request>
▼ <ListRecords>
  ▼ <record>
    ▼ <header>
      <identifier>oai:alma.61RMIT_INST:9921550065401341</identifier>
      <datestamp>2020-08-05T00:40:40Z</datestamp>
      <setSpec>RMIT_ALMAD</setSpec>
    </header>
    ▼ <metadata>
      ▼ <record xmlns="http://www.loc.gov/MARC21/slim" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.loc.gov/MARC21/slim http://www.loc.gov/standards/marcxml/schema/MARC21slim.xsd">
        <leader>01244cam a2200277 i 4500</leader>
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        ▼ <datafield tag="040" ind1=" " ind2=" ">
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          <subfield code="b">eng</subfield>
          <subfield code="c">VMOU</subfield>
          <subfield code="e">rda</subfield>
        </datafield>
        ▼ <datafield tag="100" ind1="1" ind2=" ">
          <subfield code="a">Morris, Frederick Robert,</subfield>
          <subfield code="d">1908-</subfield>
          <subfield code="e">author</subfield>
        </datafield>
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          <subfield code="a">Ladies' garment cutting and making :</subfield>
          <subfield code="b">a standard textbook giving instruction in all branches of ladies' garment cutting, dress cutting, modelling, and practical tailoring /</subfield>
          <subfield code="c">by F.R. Morris ; diagrams and fashion illustrations by Leonora Curry.</subfield>
        </datafield>
        ▼ <datafield tag="264" ind1=" " ind2="1">
          <subfield code="a">London :</subfield>
          <subfield code="b">New Era Publishing,</subfield>
          <subfield code="c">[1936]</subfield>
        </datafield>
        ▼ <datafield tag="300" ind1=" " ind2=" ">
          <subfield code="a">1 online resource</subfield>
          <subfield code="b">illustrations. ;</subfield>
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          <subfield code="b">txt</subfield>
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```

# Record Enrichment

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</datafield>
▼<datafield tag="506" ind1=" " ind2=" ">
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  <subfield code="2">star</subfield>
</datafield>
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  <subfield code="a">Extract: The role of an in-house conflict resolution manager (CRM) has unique characteristics when compared to the roles of other ADR professionals and to other positions in the org; highlight these characteristics, to discuss their advantages and disadvantages for the organisation, and to suggest measures that will facilitate increasing the strengths and avoiding or reducing the
</datafield>
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  <subfield code="p">Original location</subfield>
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</datafield>
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  <subfield code="b">1281325850002381</subfield>
  <subfield code="e">ADR bulletin Vol 9 iss 1 article 3</subfield>
  <subfield code="s">1 file/s (pdf)</subfield>
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  <subfield code="g">LAW</subfield>
  <subfield code="i">VIEW</subfield>
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  <subfield code="l">System</subfield>
  <subfield code="c">https://ap01.alma.exlibrisgroup.com/discovery/delivery/61BOND_INST:BOND/1281325850002381</subfield>
</datafield>
</record>
</metadata>
</record>
```

Collection enrichment

Digital inventory enrichment

# Trove (TCS) OAI-PMH Daily Update Pilot

Watch our “Take 20 with Trove” on the OAI-PMH Daily Update Pilot - <https://youtu.be/rH7pqO3mEjQ>

Read our online guide about Data Contribution - <https://bit.ly/31bmt49>

Contact the Trove Collaborative Services (TCS) team - <https://bit.ly/3iTJEWG>

**TROVE**

## Take 20 with Trove

**OAI-PMH DAILY UPDATE PILOT**

Julia Hickie, Ebe Kartus & Cameron Atkinson

Thursday May 14, 2020



# Trove Harvester

## [MIT] RMIT University - ALMA D

Contributor Details Notes Connection Settings Data Store Settings Schedule Production Harvest  
Perform Test Harvest Processing Steps Logs

Page 1 of 25 >

Internal ID	Stage	Data	Download
		<pre>&lt;record&gt; &lt;leader&gt;01244cam a2200277 i 4500&lt;/leader&gt; &lt;controlfield tag="005"&gt;20200317163408.0&lt;/controlfield&gt; &lt;controlfield tag="008"&gt;130502q1936 enkaf s 001 0 eng d&lt;/controlfield&gt; &lt;datafield tag="100" ind1="1" ind2=""&gt;   &lt;subfield code="a"&gt;Morris, Frederick Robert,&lt;/subfield&gt;   &lt;subfield code="d"&gt;1908-&lt;/subfield&gt;   &lt;subfield code="e"&gt;author&lt;/subfield&gt; &lt;/datafield&gt; &lt;datafield tag="245" ind1="1" ind2="0"&gt;   &lt;subfield code="a"&gt;Ladies' garment cutting and making :&lt;/subfield&gt;   &lt;subfield code="b"&gt;a standard textbook giving instruction in all branches of ladies' garment cutting, dress cutting, modelling, and practical tailoring /&lt;/subfield&gt;   &lt;subfield code="c"&gt;by F.R. Morris ; diagrams and fashion illustrations by Leonora Curry. &lt;/subfield&gt; &lt;/datafield&gt; &lt;datafield tag="264" ind1="" ind2="1"&gt;   &lt;subfield code="a"&gt;London :&lt;/subfield&gt;   &lt;subfield code="b"&gt;New Era Publishing,&lt;/subfield&gt;   &lt;subfield code="c"&gt;[1936]&lt;/subfield&gt; &lt;/datafield&gt; &lt;datafield tag="300" ind1="" ind2=""&gt;   &lt;subfield code="a"&gt;1 online resource&lt;/subfield&gt;   &lt;subfield code="b"&gt;illustrations. ;&lt;/subfield&gt; &lt;/datafield&gt;</pre>	

## [QBON] Bond University - ALMA D

Contributor Details Notes Connection Settings Data Store Settings Schedule Production Harvest  
Perform Test Harvest Processing Steps Logs

Page 1 of 145 >

Internal ID	Stage	Data	Download
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# Trove ANBD

https://librariesaustralia.nla.gov.au/search

NATIONAL LIBRARY OF AUSTRALIA

libraries australia search

AKINLA (shared)

Search Results Browse




Search results Full view Compare records Saved records

### National Bibliographic Database (ANBD) - Searching ...

Your search for **HLD:"VIT online resource"** found these results: [National Bibliographic Database \(ANBD\) 224](#) [Edit search](#) [Save search](#)

[View](#) [Save](#) [Download](#) [Email](#) [Print](#) [Compare](#) [Show preview on hover](#)

**National Bibliographic Database (ANBD)** [First 10 of 224](#) [View all records](#)

<input type="checkbox"/>	Record details	Holdings
<input type="checkbox"/>	<p>1. <a href="#">Typographia : an historical sketch of the origin and progress of the art of printing; with practical directions for conducting every department in an office: with a description of stereotype and lithography. Illustrated by engravings, biographical notices, and portraits / By T.C. Hansard. Hansard, T. C. (Thomas Curson), 1776-1833, (author).</a> text.online resource.London : Printed for Baldwin, Cradock, and Joy, 1825. Description: 1 online resource. <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>
<input type="checkbox"/>	<p>2. <a href="#">The American woman's home: or, Principles of domestic science : being a guide to the formation and maintenance of economical, healthful, beautiful, and Christian homes / By Catharine E. Beecher and Harriet Beecher Stowe. Beecher, Catharine Esther, 1800-1878, (author).</a> text, still image.online resource.New York : J.B. Ford and Company ; Boston : H.A. Brown &amp; co.; [etc., etc.], 1869. Description: 1 online resource : <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>
<input type="checkbox"/>	<p>3. <a href="#">Caslon's circular and type-founder.</a> text.online resource.London : H.W. Caslon, 1875-1934. Description: 1 online resource. <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>

NATIONAL LIBRARY OF AUSTRALIA

libraries australia search

AKINLA (shared)

Search Results Browse





Search results Full view Compare records Saved records

### National Bibliographic Database (ANBD) - Searching ...

Your search for **HLD:"QBON online resource"** found these results: [National Bibliographic Database \(ANBD\) 1,393](#) [Edit search](#) [Save search](#)

[View](#) [Save](#) [Download](#) [Email](#) [Print](#) [Compare](#) [Show preview on hover](#)

**National Bibliographic Database (ANBD)** [First 10 of 1,393](#) [View all records](#)

<input type="checkbox"/>	Record details	Holdings
<input type="checkbox"/>	<p>1. <a href="#">Research Park at Bond University, 288.</a> still image.online resource.Gold Coast : Bond University, [n.d.]. Description: 1 digital photograph. <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>
<input type="checkbox"/>	<p>2. <a href="#">DEC's Research and Development Centre, Research Park Bond University.</a> still image.online resource.Gold Coast : Bond University, [n.d.]. Description: 1 digital photograph. <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>
<input type="checkbox"/>	<p>3. <a href="#">Bell tower, 246.</a> still image.online resource.Gold Coast : Bond University, [n.d.]. Description: 1 digital photograph. <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>
<input type="checkbox"/>	<p>4. <a href="#">21st European Concurrent Engineering Conference, 11th Future Business Technology Conference, 19th Annual Euromedia Conference [electronic resource] / ed. by Paulo Jorge Sequeira Gonçalves. 21st European Concurrent Engineering Conference, 11th Future Business Technology Conference, 19th Annual Euromedia Conference (2015 : Lisbon, Portugal)</a> online resource.Ostend : EUROSIS-ETI, 2015. ISBN: 9789077381885 <a href="#">View online resource</a>; <a href="#">Thumbnail</a></p>	 <b>1</b>

# Trove

https://trove.nla.gov.au

## BOOKS & LIBRARIES

128 total results

Sort by:

Relevance



### Catalyst student news

Book - 38 editions: 1944-1947

Perrot, K.

At RMIT Library



### Catalyst student news-magazine

Book - 29 editions: 1948-1949

Schurmann, R. E.

At RMIT Library



### Catalyst

Book - 12 editions: 1953-1954

Balberyszski, T.

At RMIT Library



### The Year book of the London School of Printing and Kindred Trades

Periodical, Periodical/Journal, magazine, other - 1923-2020

London

School of Printing and Kindred Trades

At RMIT Library

## REFINE YOUR RESULTS

### Format

- Book (121)
- Braille (1)
- Illustrated (43)
- Periodical (4)
- Journal, magazine, other (4)
- Government publication (1)

### Place

- Australia (11)
- National (6)
- Queensland (1)
- Victoria (5)
- International (6)
- Other (6)

### Access

- Online (128)
- Free access (128)

### Rights

- Free (57)

## BOOKS & LIBRARIES

936 total results

Sort by:

Relevance



### Student scope : your Bond Uni news sheet. Bond University Student Council

Periodical, Periodical/Journal, magazine, other - 37 editions: 1900-2020

Bond University Student Council

At Bond Univ Library



### Achievement. editor Jo Anne Cracknell

Periodical, Periodical/Journal, magazine, other - 16 editions: 1987-1989

At Bond Univ Library



### Bond University focus magazine, Bond University

Periodical, Periodical/Journal, magazine, other - 6 editions: 2001-2004

Bond University

At Bond Univ Library



### Bond observer : Bond University Newspaper. Bond University

Periodical, Periodical/Journal, magazine, other - 18 editions: 1994-2000

Bond University

At Bond Univ Library

## REFINE YOUR RESULTS

### Format

- Periodical (837)
- Journal, magazine, other (837)
- Article (65)
- Conference paper (17)
- Journal or magazine

Show more

### Place

- International (4)
- Other (4)
- Australia (3)
- National (2)
- Queensland (1)

### Access

- Online (935)
- Free access (935)
- Not available online (1)

### Rights

- Free with conditions (65)

# What we wish we'd known

## **Suppressed MARC records**

Suppressed records publish with LDR position 6 = d

Suppressed records publish with no holdings

## **Deleted MARC records**

If you remove a record from your set it will publish as deleted

If you delete records they will publish with deleted in the header. Trove will keep the bib record and remove your holdings information.

Best to contact the Trove if you want records deleted.

## **Republish set**

Republished records are treated as new records

If you re-publish records Trove will pick them up a second time





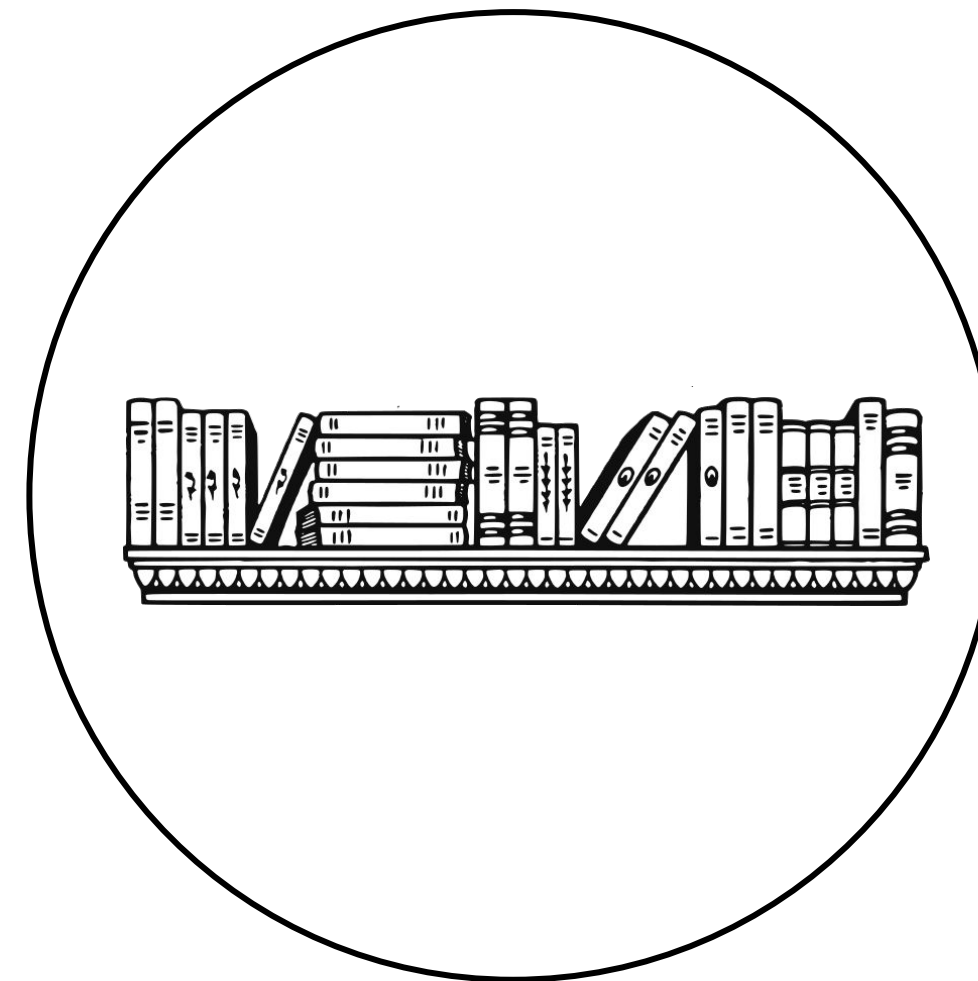
David Priestley. (1990). *World Cup Triathlon 1990*.

This work is licensed under a Creative Commons Attribution-Non Commercial-No Derivatives (CC BY-NC-ND) licence.  
[https://librarysearch.bond.edu.au/discovery/delivery/61BOND\\_INST:BOND/9930420191902381](https://librarysearch.bond.edu.au/discovery/delivery/61BOND_INST:BOND/9930420191902381)

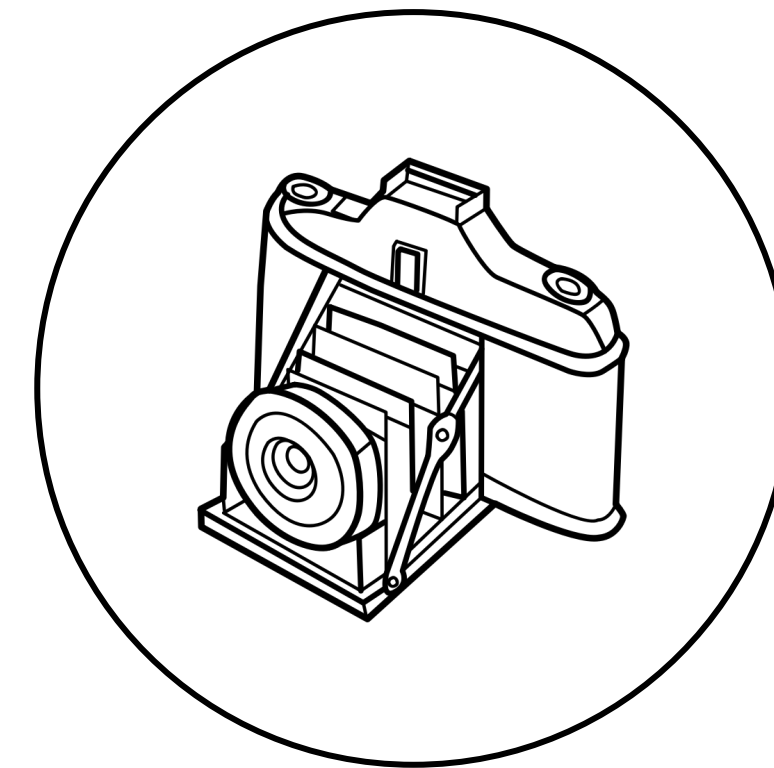
# future efforts



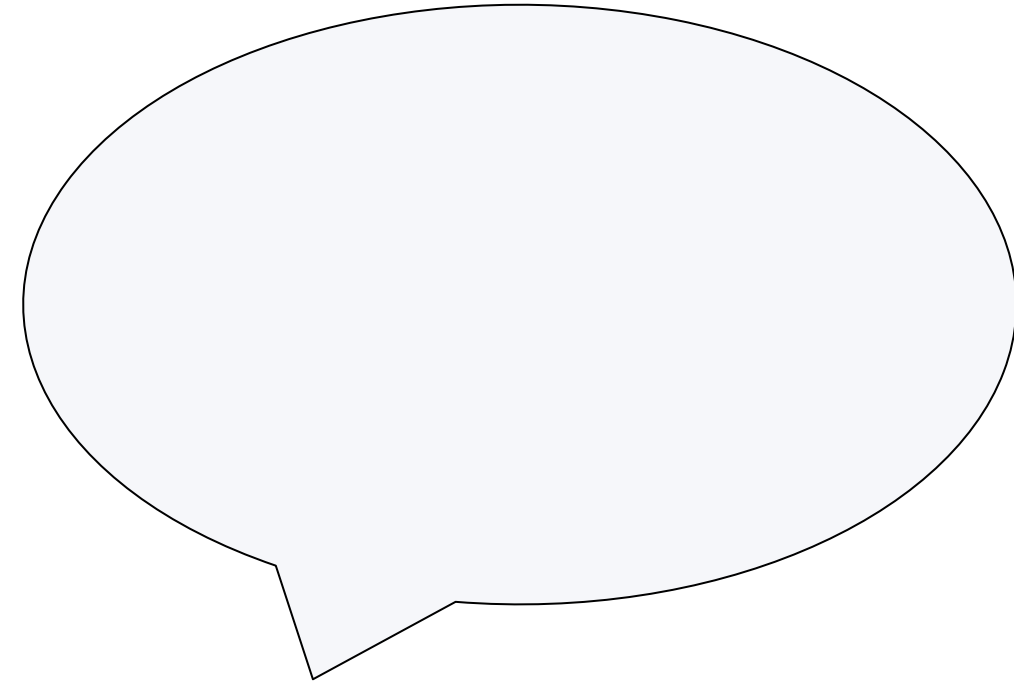
publishing  
esploro records



publishing print  
and electronic  
records via OAI



publishing  
Dublin Core



# questions

or ask us at....

01

**Peta Hopkins**

@petahopkins (Twitter)  
phopkins@bond.edu.au

02

**Amelia Rowe**

amelia.rowe2@rmit.edu.au

03

**Mel Hunt**

mhunt@nla.gov.au