

STAFF PAPER

Libraries Australia Advisory Committee
paper LAAC/2008/2/7

Single Business Discovery Project

Dr Warwick Cathro

Background

The Committee has been advised previously of the National Library's intention to integrate its discovery services by undertaking a "Single Business Discovery Project".

This Project commenced in late August 2008. This paper provides extracts from the latest draft of the Project Initiation Document. It clarifies the scope of the overall Project, and the proposed scope of Stage 1.

Introduction

During the period from 1997 to 2008 the National Library has developed the following national resource discovery services:

- Register of Australian Archives and Manuscripts
- Picture Australia
- Libraries Australia
- Music Australia
- Australia Dancing
- PANDORA search service
- ARROW Discovery Service
- Australian Newspapers Beta service.

During the past two years, the Library has contemplated the establishment of two additional services which might have been branded as:

- People Australia, and
- Journals Australia.

With the exception of Australia Dancing, the existing services are provided using three underlying search platforms (Blue Angel Technologies, TeraText and Lucene). In 2006 the Library identified Lucene as its preferred search platform for the medium term future.

In September 2006 the Library initiated a review of its IT architecture. That review reported in March 2007 www.nla.gov.au/dsp/documents/itag.pdf. The review made three major recommendations:

- That the Library implement a service oriented architecture, implying the use of software components loosely coupled through web services;
- That the Library adopt a Single Business approach, implying the development of a "single data corpus" which can be deployed in a range of contexts; and
- That the Library use existing open source solutions where these are robust and meet the Library's functional requirements.

In 2007 the Library established a Business Integration Taskforce, to give impetus to the above recommendations, with particular emphasis on the application of the second recommendation to the Library's discovery services. That Taskforce commissioned the development of a Single Business Discovery Prototype, which was delivered in December 2007. It is available for reviewing at <http://li02.nla.gov.au/>.

Project objectives and scope

The Project has the following objectives.

- To improve the discovery experience for users by:
 - providing access from one place to the resources currently discoverable via the multiple discovery services that are to be decommissioned as part of this project;
 - providing access to a significantly greater range of resources from a wider range of sources;
 - providing searching of, and access to, full-text content;
 - enhancing ease of discovery by providing improved relevance ranking, refinement by facets, FRBR grouping of related items, exploitation of thesauri; and
 - engaging with users through content and metadata annotation services.
- To reduce the number of separately maintained and branded discovery services offered by the Library.

The scope of the project will include:

- development of a discovery service that achieves the above objectives;
- decommissioning of the legacy services;
- migration of data contributors, customers, and other stakeholders to the new service;
- development of data collection policies;
- development of new business relationships to support the contribution of additional data sources and links to external target collections; and
- development of a new brand for the discovery service.

The Library will build the new system itself using Lucene and other appropriate open source tools.

The new service will be based on a virtual "national metadata store" which will be dissected into a number of "Collection views". These views will recognise the unique requirements of different types of information resource. They will have home pages and result sets tailored to the needs of users searching the type of material included in the view.

Included in the national metadata store will be descriptive metadata as well as full-text content such as archived web sites, digitised newspapers, books, journals and other texts, finding aids, content listings and transcripts.

In its analysis in 2007/08, the Business Integration Taskforce recognised three types of collection view:

- format-based views (eg. manuscripts);
- topic-based views (navigation points for information about people and organisations, places, events, and concepts); and
- "specialisations" (discipline or contextual approaches eg. music).

The following additional strategies are proposed in building the new service:

- To actively seek out additional Australian content, whether structured metadata or full text;
- To identify appropriate external targets and work proactively to include these in the new service;
- To expose significant and externally useful functionality as web services for reuse by other National Library applications, and possibly by non-Library systems;
- To learn from experience with previous prototypes (ANBD Prototype, Single Business Prototype, Newspapers Beta), and with the new National Library Catalogue and the new ARROW Discovery Service;
- To use open source tools in building the new service, and to the extent that resources permit, to contribute the new software to the open source community;
- To use techniques such as RDF or topic maps in order to manage complex data relationships; and
- To adopt a staged approach to the Project.

Benefits

In broad terms there are three benefits to be gained from undertaking this Project:

- A better service for users;
- Greater efficiency for the Library in maintaining discovery services; and
- Improved ability for the Library to innovate.

A better service for users

The Project will deliver significant improvements for users by:

- making visible all resources related to the user's information need (by contrast, with a silo approach, users would frequently need to repeat searches in different services or else miss relevant information);

- modernising all of the National Library's discovery services to support relevance ranking, faceted search refinement, easy navigation of the data corpus and links to full text;
- creating a vehicle for bringing additional content to users, including full text of digitised books, access to Australian journal literature, and access to major external databases;
- providing a full text search capability based on this content;
- assisting the State and Territory libraries to improve their discovery services as part of the "Connecting and Discovering Content" Project of the NSLA Re-imagining Library Services plan; and
- supporting reuse of the national metadata store by exposing subsets for use by other organisations.

Greater maintenance efficiency

The value of the Single Business approach is that significant improvements can be made by leveraging off the discovery system and interfaces already developed.

The alternative to this strategy would be to develop new silo applications such as People Australia and Journals Australia, and attempt to maintain ten discovery services as separate applications. Without a significant increase in the National Library's IT resources, it is likely that each of these applications would have to wait at least three years between major releases.

In addition:

- moving the Library's discovery services from the legacy platforms onto Lucene will reduce the number of different platforms that the IT staff are required to support; and
- Lucene is much simpler for developers to learn than TeraText, and Lucene has a much broader user base than TeraText, which would reduce difficulties in obtaining the required skills.

Improved ability to innovate

Many library-related software developments are now using Lucene. Completing the National Library's move to Lucene would give the Library the opportunity to benefit from the work of others and to contribute to the open source community.

In addition, the move to Lucene will enable the Library to provide the proposed collection views with acceptable performance.

Stage 1

As the implementation of the new discovery service will be a major undertaking, there will be a staged migration to the new model. An initial stage will populate all of the format-based views (eg. Books, Maps, Manuscripts). Later stages will generally involve the further development of many of these views. In addition, some functional services may be less developed in the first stage, and may be enhanced in later stages.

Stage 1 will replace the following services:

- the Libraries Australia free search service;
- the Australian Newspapers Beta service; and
- if possible, the RAAM search service

and will include the ability to search for people and organisations as topics.

At the conclusion of Stage 1 the following services will continue to exist as independent services:

- Picture Australia
- Libraries Australia subscription search service
- Music Australia
- Australia Dancing
- PANDORA search service
- ARROW Discovery Service
- the National Library catalogue.

Stage 1 will occur in two parts.

The first part (Stage 1A) is planned for delivery at the end of February 2009, and the second (Stage 1B) is planned for delivery at the end of June 2009.

Stage 1A will develop the technical framework to support the Single Business Discovery Service, and will verify that the selected technologies will provide acceptable performance, especially for record update.

By the end of Stage 1A, the national metadata store will contain:

- the data in the Australian National Bibliographic Database (ANBD);
- RAAM records not in the ANBD;
- biographical data provided by partners in the People Australia initiative;
- digitised newspaper content from the Newspaper Digitisation project;
- records in the ARROW Discovery Service;
- records in Picture Australia; and
- a limited amount of digitised book content (imported from existing mass digitisation databases and, if feasible, digitised books held by the Library.)

The following functions will be developed in Stage 1A:

- a home page for each collection view (search box and static content only);

- simple search;
- presentation of result sets and detailed record displays;
- a basic implementation of FRBR using OCLC Work Identifiers;
- relevance ranking for each collection view;
- matching of name permutations using name authorities (eg. "John David White" matching with "J.D. White");
- links to existing delivery systems (Newspapers, Picture Australia, PANDORA and the Library's Delivery system);
- harvest and full-text search of a limited number of digitised full-text books;
- full text search of digitised newspapers from the Newspaper Digitisation project; and
- access to a priority set of external targets, including Google Books and Amazon

To illustrate the features to be available at the end of Stage 1A, mock-ups based on initial thoughts about what these screens might look like are provided at Appendix 1.

Stage 1B will further develop the user interfaces and will add additional features. The Project will aim to decommission the current Libraries Australia Free search service following an appropriate period of parallel operation at the end of Stage 1B. If possible, the existing RAAM search service will also be decommissioned at the end of Stage 1B.

A significant separate piece of work included in Stage 1B is the completion of the development of the People Data Administration module. This module will allow Resource Sharing staff to manage people records and the identities they belong to, with the aim of improving their quality.

The functions that will be developed by the end of Stage 1B have been classified into 'Essential', 'Desirable' and 'Nice to Have' as listed below. The Project will aim to complete Stage 1B by 30 June 2009. If time does not permit all of the functions below to be implemented, the 'Nice to Haves' will be the first to be moved to a further stage, followed by the 'Desirables'.

It is possible that these priorities will change during the course of Stage 1B as the Project learns more about what is most important for users.

Essential

- My library(s)
- Did you mean?
- Searching external targets
- Getting options
- User download of records/citations
- Authentication/authorisation

- Tagging/comments
- Sitemaps for search engines
- A more sophisticated home page for each collection view
- Persistent Identifiers for People

Desirable

- Sort results by date
- Topic suggestions
- RSS feeds
- Full-text search of online RAAM finding aids

Nice to Have

- View-specific Advanced search
- Curated trails/themes
- Trails/themes/scratchpad created by users
- Links from the National Library's catalogue.

Beyond Stage 1

At the end of Stage 1 and all future stages, a decision will be made by the Project Board as to whether the project should continue. Decisions about the scope of each future stage will also be made by the Board.

At this time it is envisaged that future stages may include:

- Development of the Journals View and of the Research Specialisation. Additional indexing data available to the Library would be added to the national metadata store, along with the full text of any journals digitised by the Library. More external targets would be added to provide greater access to journals metadata and full text;
- Further development of the Archives and Manuscripts View to include finding aids, file descriptions, and agency-level metadata made available by partners;
- Further development of the Pictures View as required to allow Picture Australia to be decommissioned as a separate service;
- Establishment of the Music Specialisation and the Dance Specialisation. Music Australia and Australia Dancing would be decommissioned as separate services;
- Expansion of the Web Archives View to include the Whole Domain Archive;
- Additional features to allow replacement of the Libraries Australia Subscription Search Service. The TeraText-based service would then be decommissioned; and

- Further development of the Maps View, including an expanded set of external targets which might include data sets from GeoScience Australia and the Bureau of Meteorology, and development of a Geospatial search interface.

Communication Plan

Within the National Library, communication strategies will include Project Team meetings, liaison with appropriate collection managers, reports to Library management and Council.

Externally, there will be extensive communication with key data contributors such as Libraries Australia subscribers and Picture Australia contributors. A reference group from the State and Territory libraries will be formed, as part of the “Connecting and Discovering Content” Project of the NSLA “Reimagining Library Services” plan.

The Library will also liaise with external institutions that share an interest in the development of such systems. This will include the exchange of technical ideas for achieving the Project’s objectives.

When the service is operational, the public will be informed through media releases and other communication strategies. These strategies will be developed in consultation with the Library’s Communication and Marketing Branch.

Recommendation

The Committee to note the report.

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7 October 2008

APPENDIX 1: SCREEN MOCK-UPS

The attached five pages show the project team's ideas about what the user might see at various stages of the search process. These screen mock-ups were developed to clarify the team's thinking about what could be delivered to users in Stage 1.

Note that the groupings of format types are just the team's ideas at this early stage. The groupings to be actually used in the service will be based on such things as a card sort exercise, user testing, stakeholder discussion and the limitations of the data.

Screen 1: Home page for the service. Presents a set of images to illustrate the breadth of content that the user can find in the service. Allows the user to commence a simple search across all these collections simultaneously. Has tabs allowing the user to move straight to a particular collection view instead.

Screen 2: Shows the result of a search for "Peter Hollingworth" executed at Screen 1. Results sets are shown as a group of 10 "islands", plus an island for "External sources". A simple set of "Refine" facets is shown.

Screen 3: Shows the result of clicking on item 2 in the "Books, magazines, newspapers" island on Screen 2. The item is now displayed in the centre of the screen, grouped with related versions. "Get this item" options are shown. The other islands are still visible, but have moved to the right column of the screen.

Screen 4: Shows the result of clicking on the "Books" tab on Screen 1. Screen 4 would be developed into the Home page for the "Books, magazines, newspapers" View.

Screen 5: Shows the result of doing the search for "Peter Hollingworth" on Screen 4. A richer set of "Refine" facets is now shown.

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Some new improvements: more book cover art, and the ability to group your favourites. [Give us your feedback here.](#)

Books




The smallest book in the world




Catholic Church. Book of hours

Maps



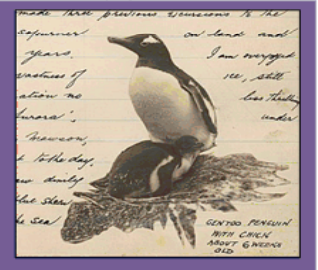
Geological map of the Commonwealth of Australia, 1931

Images




Alpacas before and after shearing - June Orford

Letters, papers, diaries, ...



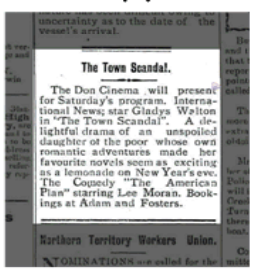
Frank Hurley: Antarctic expedition diary

Website snapshots




First dog on the moon political cartoons

Newspapers



Northern Territory Times and Gazette today in 1925 - The town scandal

Interviews

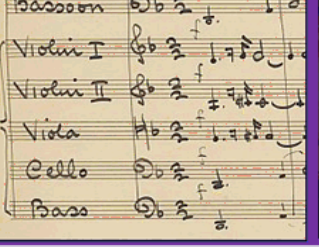


Interview with Mem Fox


Scholarly Material

architecture asian australian behaviour behavioural care children citizenship clinical community computing educational engineering environment factor gene general genetics heart history human integrated issues law marine media medicine modelling models occupational optics organisational other physical planning plant politics production quantum rehabilitation related school sciences signal society south stress structure vision work

AudioVisual



Dithyramb, by Margaret Sutherland



Bringing them home: National Inquiry into the Separation of Aboriginal and Torres Strait Islander Children from Their Families.

Area to (automatically?) highlight interesting or topical resources in the collection.


e.g. Unique resources: Manuscript, Oral history interview

e.g. Resources based on current news items

e.g. Most popular resources/topics.

e.g. Tag cloud

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Related Terms:
 Hollingworth, Peter 1935-
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 Hollingworth, Peter - Political and social views
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 Archbishops

Did you mean: Peta Hollingworth

Refine

Creator
 Hollingworth, Peter (20)
 Moir, Alan (14)
 Seselja, Loui (8)
 O'Neill, Ward (5)
 McDougall, Wendy (2)
 more...

Subject
 Hollingworth, Peter (20)
 Governors General (14)
 Poor (8)
 Poverty (5)
 Bishops (3)
 more...

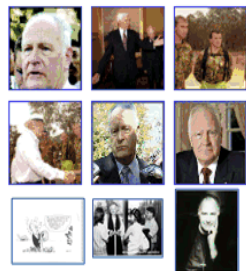
Date
 2000 - (25)
 1990 - 1999 (14)
 1980 - 1989 (1)

Tags
 Governor (14)
 General (14)
 Portrait (8)
 Biography (5)
 Religion (3)
 more...

Books, magazines, newspapers, ...

1. [Biographical cuttings on Peter Hollingworth] 2001
2. Public thoughts of an archbishop / Peter Hollingworth -< Click on this one
3. Australians in poverty / Peter Hollingworth
4. The poor : victims of affluence / Peter Hollingworth
5. Kingdom come! : meditations and studies for Lent and other times / Peter Hollingworth
6. Australia's Governors General: From Hopetoun to Jeffery / Brian Carroll
 ...'He is a person who has Peter Hollingworth, when he was actively and successfully and archbishop of Brisbane, at the compassionately involved 1998 ...

Images



Articles

1. Family notices / The Argus 1945
 ...the late Mrs. Henry Hollingworth, Brechin, Angus, ... Ryrie st, Geelong, to Flying-Officer Peter Taylor...
2. Shipping intelligence / The Sydney Morning Herald 1850
 ...Nathan Hollingworth, Joseph Dorman, Pierce Butler, Thomas Aaron, Peter Taylor...
3. Family Notices / The Argus 1945
 ...gone to rest. HOLLINGWORTH.-On August 2, at Calac. ... Dorothy, Peter, Darrell...
4. London College of Music / The Argus 1945
 ...laulev (Miss (lloma) III Peter I li (Mis I Gillrt) Sunll ...
5. Classified Advertising / The Maitland Mercury 1846
 ... Wilkinson Edward Kealy William Corner Peter Keppie Stephen Dark Jonat. Hollingworth Will...

Web archives


1. Biographies--Archbishop Peter Hollingworth / www.curriculum.edu.au
 ...Biographies--Archbishop Peter Hollingworth [cc logo] [about] [newsletter]...
2. Simon Crean - Peter Hollingworth / www.alp.org.au
 ...Simon Crean - Peter Hollingworth Australian Labor Party National...
3. The Unofficial Peter Hollingworth Web Site / www.zip.com.au
 ...The Unofficial Peter Hollingworth Web Site The Official Unofficial...

Scholarly output


1. The Anglican parish priest and the welfare obligation : an exploratory study of welfare involvement of parish clergy in the arch diocese of Melbourne / by Peter J. Hollingworth.
2. A Wake-up Call. "Sex, Power and the Clergy" by Muriel Porter.
3. The 30/30/40 Society. "The Lowest Rung: Voices of Australian Poverty" by Mark Peel.

External sources

Google Books (770 results)




Australians in Poverty
by Peter Hollingworth




Australia's Governors General: From Hopetoun to Jeffery - Page 194
by Brian Carroll

[more...](#)

Amazon (68 results)



We did but see him passing by. (resignation of Governor-General Peter Hollingworth)



Kingdom Come! Meditations and studies for lend and Other Times
by Peter Hollingworth

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Letters, papers, diaries, ...

1. Papers of Peter Hollingworth

Interviews

1. Interview with Archbishop Peter John Hollingworth, Anglican Archbishop of Brisbane since 1990 / interviewer, Graham Downie.
2. Interview with The Right Reverend Dr Peter Hollingworth, A.C., O.B.E. / interviewer, Daniel Connell.
3. The best of the Wisdom interviews : an ABC Radio National series with Peter Thompson.

Other things...

1. Peter Hollingworth's percussion set [object]
2. The Australian parliament [game]
3. Australians in poverty : an information kit [kit] / Brotherhood of St. laurence
4. The rich and the poor [game] / compiled by Hugh Starkey.

Subsets will be based on card sort and user testing, as well as stakeholder discussion and limitations of data.

Order could be based on

- the number of click throughs experienced by each subset.
- based on user feedback.
- number of results found, or random?
- ...

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3 December 2008

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musings

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Archbishops of Australia
Peter Hollingworth

Public Lists

Religion and Poverty
Father's day gift ideas

My Lists

Book, magazine, newspaper, ...

Public thoughts of an archbishop / Peter Hollingworth [Cite this](#)

Work ID: 1330722
Author: [Hollingworth, Peter, 1935-](#)
Subjects: [Hollingworth, Peter, - 1935 - Political and social views.](#)
[Hollingworth, Peter, - 1935 - Religion.](#)
[Social problems - Australia.](#)

Title/Author	Date	Language	Format	Locations
Public thoughts of an archbishop / Peter Hollingworth	1996	English	Book	23 locations
Bib ID: 1330722			Format: Book	
Publisher: Brisbane : Corporation of the Synod of the Diocese of Brisbane, 1996.			Description: 117 p. : ill., ports. : 23 cm.	
ISBN: 1875650938			Notes: Copy signed by author.	
Other Authors: Corporation of the Synod of the Diocese of Brisbane			Locations: National Library of Australia. National Library of Australia (ANL) NL 361.10994 H741 ACT Library and Information Services (APLS) 0510819 held Hurstville City Council . Hurstville City Library (NHUR) /361.10994/HOL 20 more...	
Public thoughts of an archbishop / Peter Hollingworth	2000	English	Book	3 locations
Pensamientos públicos de un arzobispo / Peter Hollingworth	1998	Spanish	Book	1 location
Public thoughts of an archbishop / Peter Hollingworth : read by Humphrey Bower :	1997	English	Audio	4 locations

FRBR-like display needs further work.

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[National Library of Australia](#) Call no.: NL 361.10994 H741
02 6262 1111 www@nla.gov.au Parkes pl, Parkes, ACT, 2612

[Public thoughts of an archbishop / Peter Hollingworth](#) 1996 English Book

[ACT Library and information services](#) Call no.: held
02 6205 9000 library.customerinfo@act.gov.au n/a

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[Hurstville City Council . Hurstville City Library](#) Call no.: /361.10994/HOL
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02 9850 7500 infodesk@library.mq.edu.au Balaclava Road, NORTH RYDE NSW 2109

"Get this item" - which level should it appear at? Work or manifestation/ expression? Or both?

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Related items

Books, magazines, newspapers, ...

- Casualties of change : the predicament of youth in Australia, an analysis of the social and psychological problems faced by young people in Australia. / Eckersley, Richard.
- Adelaide House : the Deanery / Patricia Ramsay.

Images

People and organisations

- Bryce, Quentin
- Jeffery, Michael (Philip Michael), 1937-
- Deane, W. P. (William Patrick), Sir, 1931-
- Catholic Church

Audiovisual

- Kings' men : Australia's Governors General from Hopetoun to Isaacs / Christopher Cunneen.

Maps

- Sunday Times the world political / Bartholomew.

Web archives

- Church Leaders call for Action on Poverty / [jmm.aaa.net.au](#) ...Leaders call for Action on Poverty London Forum on 6-8...

Interviews

- Kath Berkley interviewed by Judy Wing in the NSW Bicentennial oral history collection. ...local poverty in the district ; changes to the area ; household chores ; 1919 plague, wakes and funerals ; religion ;...

Articles

- CHURCH AND POLITICAL MATTERS / The Argus 1945
...Whether the Church should make pronouncements on matters which some members regarded as purely political...

Scholarly output

- Frequently asked questions about the office of Governor-General / APO

Letters, papers, diaries, ...

- Documents / Australia. Governor General

Other things...

- The Australian parliament [game]

People who viewed this item also viewed

- The Lowest Rung: Voices of Australian Poverty / Mark Peel
- The poor: Victims of affluence (Speak out series) / Peter Hollingworth

What others had to say

From Amazon.com

By Blue Tyson ★★☆☆☆

An overview from some time ago of the situation for the poor and working poor in Australia in the early 1980s.

Was also used as a Higher School Certificate English text at the time, too.

Only be of research interest, really, now.

Related items could be based on many things such as shared subjects, tags, authors, words in title, people who viewed this also viewed, ...

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 Hollingworth, Peter - Religion
 Hollingworth, Peter - Political and social views

Did you mean: Peta Hollingworth [Advanced](#)

Refine

- Author / Contributor**
 Hollingworth, Peter (20)
 Moir, Alan (14)
 Seselja, Loui (8)
 O'Neill, Ward (5)
 McDougall, Wendy (2)
 more...
- Subject**
 Hollingworth, Peter (20)
 Governors General (14)
 Poor (8)
 Poverty (5)
 Bishops (3)
 more...
- Publication Date**
 2000 - (25)
 1990 - 1999 (14)
 1980 - 1989 (1)
- Series**
 Mitchell oration (2)
 Speak out series (1)
- Publisher**
 Nelson (5)
 ABC Enterprises (4)
 Anglican Diocese of Brisbane (4)
 Anglican Information Office (1)
 more...
- Genre**
 Non fiction (52)
 Bibliography (9)
 Handbook, manual (1)
 Journal (1)
 more...
- Topic**
 Sociology (52)
 Business and Economics (9)
 Philosophy and Religion (5)
 Political science (1)
 more...
- Location**
 National Library of Australia (52)
 State Library of Tasmania (9)
 Internet Archive (5)
 Brisbane city council (1)
 more...
- Language**
 English (190)
 French (9)
- Format**
 Book (59)
 Report (13)
 Large print (12)
 Journal (10)
 more...
- Tags**
 Governor (14)
 General (14)
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 Biography (5)
 Religion (3)
 more...

Books, magazines, newspapers, ...

312 results

1. [Biographical cuttings on Peter Hollingworth] 2001
2. Public thoughts of an archbishop / Peter Hollingworth
3. Australians in poverty / Peter Hollingworth
4. The poor : victims of affluence / Peter Hollingworth
5. Kingdom come! : meditations and studies for Lent and other times / Peter Hollingworth
6. Australia's Governors General: From Hopetoun to Jeffery / Brian Carroll
 ...'He is a person who has Peter Hollingworth, when he was actively and successfully and archbishop of Brisbane, at the compassionately involved 1998 ...
7. Public thoughts of an archbishop / Peter Hollingworth.
8. The powerless poor : a comprehensive guide to poverty in Australia / P.J. Hollingworth.
9. The marks of a good society. / Murdoch University
10. Memories of bush ministry and the challenge of the future / by Peter Hollingworth and Lyn Comben.
11. The waiting poor : an argument for abolition of the waiting period on unemployment and sickness benefits / David Scott and Peter Hollingworth
12. Australians in poverty / Peter Hollingworth.
13. Rheumatology / Peter Hollingworth.
14. Christianity and social order : from Maurice to Temple and beyond / Peter Hollingworth.
15. The Australian religious and poverty / Romuald Barry, Cyril Hally, Peter Hollingworth.
16. Human needs in Australia in the context of housing and planning : address given to the World Planning & Housing Congress, Adelaide, 1986 / Peter Hollingworth.
17. Whither Australia? : shaping the future of our nation / by the Most Reverend Peter Hollingsworth, Anglican Archbishop of Brisbane.
18. Two proposals for helping troubled, vulnerable families : part I, the need for immediate payments to applicants for pensions and benefits who are destitute; part II, Commonwealth social service to provide all statutory income security payments / David Scott, Peter Hollingworth and Joan Davey.
 ...'He is a person who has Peter Hollingworth, when he was actively and successfully and archbishop of Brisbane, at the compassionately involved 1998 ...
19. Relative poverty in Australia : paper delivered at the Christian Conference of Asia, 10th-15th December, 1982, on the Christian mission in situations of endemic poverty and affluence / Peter Hollingworth.
20. The Australian religious and poverty / Romuald Barry, C.M.

Images

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Articles

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1. Family notices / The Argus 1945
 ...the late Mrs. Henry Hollingworth, Brechin, Angus, ... Ryrie st, Geelong, to Flying-Officer Peter Taylor...
2. Shipping intelligence / The Sydney Morning Herald 1850
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3 results

1. Hollingworth, Peter 1935 -
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3. Hollingworth, Peta 1972 -

Web archives

12 results

1. Biographies--Archbishop Peter Hollingworth / www.curriculum.edu.au
 ...Biographies--Archbishop Peter Hollingworth [cc logo] [about] [newsletter]...
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1. Australia divided : the new market / Phil Ruthven ; producers, Roz Plumridge, Graham Cumming ; director, Roz Plumridge.
2. The gilded cage.
3. Australians in poverty / [Peter Hollingworth]

Maps

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1. Plan of Hollingworth gardens / John Peters

Scholarly output

12 results

1. The Anglican parish priest and the welfare obligation : an exploratory study of welfare involvement of parish clergy in the arch diocese of Melbourne / by Peter J. Hollingworth.
2. A Wake-up Call. "Sex, Power and the Clergy" by Muriel Porter.

Letters, papers, diaries, ...

1 result

1. Papers of Peter Hollingworth

Interviews

6 results

1. Interview with Archbishop Peter John Hollingworth, Anglican Archbishop of Brisbane since 1990 / interviewer, Graham Downie.
2. Interview with The Right Reverend Dr Peter Hollingworth, A.C., O.B.E. / interviewer, Daniel Connell.

Other things...

4 results

1. Peter Hollingworth's percussion set [object]
2. The Australian parliament [game]
3. Australians in poverty : an information kit [kit] / Brotherhood of St. Laurence

External sources

- Google Books (770 results)**

 Australians in Poverty by Peter Hollingworth
- Australia's Governors General: From Hopetoun to Jeffery - Page 194 by Brian Carroll
- Amazon (68 results)**
 We did but see him passing by. (resignation of Governor-General Peter Hollingworth)
- Kingdom Come! Meditations and studies for lend and Other Times by Peter Hollingworth