“If You Build It, They Will Come”
- Field of Dreams, 1989

Rights Management at the National Library of Australia
The Problem: Finding rights information amongst all that corn…

© existentist, http://www.flickr.com/photos/existentist/1549032620/

http://creativecommons.org/licenses/by/2.0/
Scope

• About recording & accessing rights information internally (staff)
• Not a DRM solution
• Many sources & forms of existing rights data – all hidden amongst the corn!
  – TRIM (NLA’s electronic record mgmt system)
  – Excel spreadsheets
  – Paper forms
If copyright holder cannot be found, try Curtis Brown (Aust) Pty Ltd who act as Literary Agent. (see file)

29 Sunshine Drive
Point Clare
NSW 2250

VH June 1983
Examples from Manuscripts Collection

Microfilms or photocopies of Alfred Deakin's manuscripts in the Deakin Papers which may be still subject to the Copyright Act, may be supplied by the Library to individual bona fide scholars for the purposes of private study and research, and like the original manuscripts they may be used and quoted according to the conventions of 'fair' scholarly quotation in books and articles.

So far as the trustees' copyright interest extends to manuscripts of Alfred Deakin held in collections other than the Deakin Papers, the same permission applies.
William Morris Hughes Papers (MS 1538). All the Hughes collection is available for reference with the exception of some records. Department of External Affairs Bulletins which are subject to a 20-year closure.}

File indicates that Hughes copyright holder is: Perpetual Trustee Company.
The Dream:
Build a field for “playing ball” with rights information

http://creativecommons.org/licenses/by/2.0/deed.en
Benefits

• Collaboration, cooperation & efficiency
  – Automatic copyright calculations
  – Remove barriers to information access

• Audit record-keeping
  – Permissions
  – Rights policy changes

• Awareness
Timeline

• 1997
  – Feasibility study (started hearing voices)
• 2000
  – Tender for digital collection management tool
• 2001
  – Commenced in-house construction of DCM software
  – Decision to develop Rights Management System as a module
Timeline

• 2005
  – Project ramp-up/preparation
• 2006
  – Full project scoping & analysis commenced
• 2007
  – Development work commenced
  – Release 1: September 2007
  – Release 2: December 2007
  – Release 3: March 2008
How big should the ball park be?


[http://creativecommons.org/licenses/by/2.0/deed.en](http://creativecommons.org/licenses/by/2.0/deed.en)
Scoping

- Rightsholders
- Rights policies
- Specific permissions for users
- Information associated with ALL collection items (physical & digital)
  - Plus items on loan for exhibition, etc.
Out-of-scope

• Migration of existing paper-based records
• Public access to rights information
Staging the Implementation: “Easing the pain”

• Big problem
• Break into achievable chunks
• Three (3) stages
Stage 1

• Record & find policies and permissions for digital collection items only
• View copyright status of items
• Add references to related TRIM records
Stage 2

- Integrate with Party Service to record & find info about rights holders
- Record & find rights holder-based policies & permissions
Stage 3

• Implement search across ALL collection items (not just digital)
• Implement user workflow efficiencies via customised homepage
Design & Development: Building the “Field of Dreams”
Existing systems

- Endeavor Voyager ILMS
- Digital Collections Manager (DCM)
Architecture

- Based on DCM
- Integrate with Voyager catalogue
Solution

• Java Spring framework around DCM
  – Users can access & use DCM functionality in the same way
  – New RMS functionality looks like it is part of DCM, but is implemented differently

• May redevelop DCM or use alternate tools for digital collection management
  – Core rights functionality built as REST-based Web Services
Web Services

• To date
  – Get bibliographic record from Voyager ILMS in MARC-XML format
  – Determine copyright status of item
  – Add, update & retrieve rights policy/permission objects
Data Models & Standards

- `<indecs>`
- XACML
  - Simplified model
- EAC
  - People Australia project
    - Party repository
    - Collaborate to build service based on EAC
Simple Rights Data Model
<table>
<thead>
<tr>
<th>Policy Code</th>
<th>Short Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>Open</td>
</tr>
<tr>
<td>R1</td>
<td>Open, permission required for public use</td>
</tr>
<tr>
<td>R2</td>
<td>Open, permission may be required for public use</td>
</tr>
<tr>
<td>R3</td>
<td>Open access, permission required for study and public use</td>
</tr>
<tr>
<td>R4</td>
<td>Open, closed for public use</td>
</tr>
<tr>
<td>R5</td>
<td>Open, permission required for research/study copies, closed for public use</td>
</tr>
<tr>
<td>R6</td>
<td>Open, closed for research/study copies and public use</td>
</tr>
<tr>
<td>R7</td>
<td>Permission required for access and research/study copies, closed for public use</td>
</tr>
<tr>
<td>R8</td>
<td>Permission required for access, closed for research/study copies and public use</td>
</tr>
<tr>
<td>Permission</td>
<td>Permission required for access and use</td>
</tr>
<tr>
<td>Authorisation</td>
<td>Authorised users only</td>
</tr>
<tr>
<td>Uncertain</td>
<td>Restrictions may apply</td>
</tr>
<tr>
<td>Partial</td>
<td>Partly restricted/closed</td>
</tr>
<tr>
<td>Closed</td>
<td>Closed</td>
</tr>
</tbody>
</table>
Party Repository Data Model
Screenshots
View Item: Example 1

Displaying work details for nla.pic-an12752342-1:

Work ID: nla.pic-an12752342-1
Creator: Sievers, Wolfgang, 1913-
Title: Walter Burley and Mahoney Griffin's ceiling in the Capitol Theatre, Melbourne 1975 [picture] / Wolfgang Sievers.
Parent: Part of Sievers, Wolfgang, 1913- Walter Burley Griffin's and Marion Mahony Griffin's ceiling in the Capitol Theatre, Melbourne 1975 [picture] /
Publisher: 1975.
Extent: 1 of 4 photographs : col. ; 25 x 20 cm. or smaller.
Series: Walter Burley Griffin's and Marion Mahony Griffin's ceiling in the Capitol Theatre, Melbourne 1975.
Notes: Also available in an electronic version via the Internet at: nla.pic-an12752342-1
Date(s): 1 Jan 1975
View Rights: Example 1

Copyright Status

Copyright uncertain, unable to determine date of publication or creation

Base Policy

[Uncertain] Restrictions may apply

Orphan Work

This has not been marked as an orphan work. [Change]

Trim References

<table>
<thead>
<tr>
<th>Reference</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R06/1234</td>
<td>12-09-2006</td>
<td>A letter from Wolfgang Sievers</td>
</tr>
</tbody>
</table>
View Rights: Example 1

Copyright Status

Copyright uncertain, unable to determine date of publication or creation.

Information Used to Calculate Copyright Status

- It is Unpublished
- Material of type Photograph
- No Government Copyright Ownership
- View catalogue record: nla.cat-vn77109

Base Policy

[Uncertain] Restrictions may apply

Orphan Work

This has not been marked as an orphan work.

Trim References

<table>
<thead>
<tr>
<th>Reference</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>556/1224</td>
<td>12.09.2006</td>
<td>A letter from Wolfgang Sievers</td>
</tr>
</tbody>
</table>
“Policy/Permission CRUD” Service

- Rights Service documentation (PDF)

```
  - <container name="RIGHTS-COPYDETAILS">
    - <copydetails>
      <copydetailsid>1</copydetailsid>
      <copyid>nla.pic-an11855452</copyid>
      <copyrole.lu_id>1</copyrole.lu_id>
    - <copyrole.lu>
      <copyrole.lu_id>1</copyrole.lu_id>
      <copyrole>o</copyrole>
      <display>Original</display>
    </copyrole.lu>
  </copydetails>
  </container>
  - <itemList name="RIGHTS-POLICY-FOLLOW-ON">
    - <item id="268">
      - <policy>
        <policyid>268</policyid>
        <originalpolicyid>268</originalpolicyid>
        <startdate>2007-01-27</startdate>
        <enddate>null</enddate>
        <note>This is a note.</note>
        <details>These are some details</details>
      </policy>
    </item>
  </itemList>
```
View Rights: Example 2

Displaying Rights for nla.ms-ms3822:

Copyright Status

In copyright

Information Used to Calculate Copyright Status

- Created in 1992
- It is Unpublished
- Material of type: Literary, Dramatic, Musical
- View catalogue record: nla.cat-vn612970

Base Policy

Available for reference with the exception of folder 27 which is closed until August 2007. Not for loan.

Orphan Work

This has not been marked as an orphan work. [Change]

Trim References
Copyright Status

Out of copyright: created/published date is before 1955.

Information Used to Calculate Copyright Status

- Created in 1951
- It is 'Unpublished'
- Material of type: Photograph
- No Government Copyright Ownership
- View catalogue record: nla.cat-vn810527

Rights Holders

- Flynn, John, (1860-1951.) Creator

Base Policy

[R1] Open, permission required for public use

Content Warning

Indigenous
"Get Bibliographic Record" Service


```xml
  <container type="LOON_SCHEMA_MARC21">
    <collection>
      <record>
        <leader>02929c2c 2200457 a 4500</leader>
        <controlfield tag="001">2960190</controlfield>
        <controlfield tag="005">20060907100045.0</controlfield>
        <controlfield tag="008">900514i18041973xx 0|deng</controlfield>
        <datafield tag="019" ind1="1" ind2="">
          <subfield code="a">7119699</subfield>
        </datafield>
        <datafield tag="035" ind1="" ind2="">
          <subfield code="9">000007119699</subfield>
        </datafield>
        <datafield tag="035" ind1="" ind2="">
          <subfield code="9">1366790</subfield>
        </datafield>
        <datafield tag="040" ind1="" ind2="">
          <subfield code="a">ANL:MS</subfield>
          <subfield code="b">cng</subfield>
          <subfield code="d">ANL</subfield>
        </datafield>
        <datafield tag="043" ind1="" ind2="">
          ...
        </datafield>
      </record>
    </collection>
  </container>
</response>
```
“Determine Copyright Status” Service


```xml
  - <itemList type="LOON-RESPONSE-COPYRIGHTSTATUS">
    - <item name="2434622" type="LOON-RESPONSE-COPYRIGHTSTATUS-WORK">  
      <creatorAliveStatus/>
      <creatorDateOfDeath/>
      <copyrightStatusReason>Created/Published Date is Before 1955</copyrightStatusReason>
      <creationDate>1940</creationDate>
      <materialType>Photograph</materialType>
      <publicationDate/>
      <publishedStatus>Unpublished</publishedStatus>
      <govtCopyrightOwnership>No Government Copyright Ownership</govtCopyrightOwnership>
      <copyrightStatus>Out of Copyright</copyrightStatus>
    - <itemList type="LOON-RESPONSE-COPYRIGHTSTATUS-WORK-DCM-HIERARCHY">
      - <item name="nla.pic-an24665685"/>
    </itemList>
  </item>
  - <item name="2434622" type="LOON-RESPONSE-BASERIGHTSPOLICY">
    <baseRightsPolicy>[R.1] Open, permission required for public use</baseRightsPolicy>
  </item>
  <report count="2"/>
</itemList>
</response>
```
Challenges: “Going the distance”

- Most areas not recording rights data in catalogue
- Variation in rights data sources
- Some areas will only benefit in the long term
- Links to TRIM increased scanning load for paper records
- Copyright calculation algorithm will be revised over time
- Complexity of project was under-estimated
The Future: More dreams realised…
Future

- Support rights at the holding/copy level
- Initiatives to integrate rights information into systems & processes for public access, ordering & delivery
More information

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