Evolving the digital library for digital scholarship enablement

Cillian Joy, NUI Galway Library  
cillianjoy

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Outline

Digital library
Strategy
Our approach
Recent work
Issues
Future
Digital library
pillars of old bridge from the Galway to Clifden railway line on the River Corrib 4 (2011)
Abbey Theatre Digital Archive @ NUI Galway
The world’s largest-ever theatre archive digitisation project

600 playwrights
1,500 plays
4,000 actors
70,000 characters

1 million pages
500 video hours
2500 audio hours
133 years

Introduction
The Abbey Theatre is one of the world’s leading national theatres and has played an enormously significant role in the development of dramatic literature and theatre practice internationally. NUI Galway is digitising the archive of the Abbey Theatre in Dublin, Ireland’s national theatre, in order to preserve and widen access to a major aspect of the world’s cultural heritage.

This project protects its legacy for future generations, and is the largest drama and theatre archive digitisation project ever undertaken.
Some examples

Data

Dataverse pilot with Duanaire
PUBLIC REVENUES AND EXPENDITURES OF IRELAND IN THE 18TH CENTURY

doi:10.5072/FK/10002

If you use these data, please add the following citation to your scholarly references. Why cite?

Kane, Aidan J., 2014, "Public revenues and expenditures of Ireland in the 18th century",
http://dx.doi.org/10.5072/FK/10002 Duanaire, NUI Galway

### Data Citation Details

<table>
<thead>
<tr>
<th>Title</th>
<th>Public revenues and expenditures of Ireland in the 18th century</th>
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<td>Study Global ID</td>
<td>doi:10.5072/FK/10002</td>
</tr>
<tr>
<td>Authors</td>
<td>Kane, Aidan J. (Economics, NUI Galway, Ireland)</td>
</tr>
</tbody>
</table>
Galway suffers a dramatic decline in export activity.
Imports for Galway hold up a bit better: the very large amount of Spanish wine imported in 1706 does *not* appear to be a data-entry error: but we will be checking for apparent anomalies.
Equally, scholars of material culture and consumption will likely drill into this category of imports.
Digital library areas

Archives/Special collections
- Unique content, research potential

Publications
- Existing repository

Data
- Curation, long-term preservation, and analysis of research data
A strategy for ...
digital scholarship enablement
Enable digital scholarship

Bring together activity under the label ‘Digital Scholarship’
- Archives
- Research data
- Publications

Provide a coherent platform for communication and engagement
The Library and Digital Scholarship

The Library has a track record in recent years of achievement and partnership in enabling digital scholarship. It published a Digital Scholarship Enablement Strategy in November 2014 following a period of consultation with a range of parties which was initiated at a seminar it organised on Creating and Exploiting Digital Collections in the previous July. The major areas of contribution for the Library towards enabling digital scholarship are content, systems, infrastructure, partnership and practice-based expertise in its Digital Library team. In taking on new roles it faces a number of challenges, including resourcing, space and skills development.
What is Open Access Publishing?

Open access makes research outputs (e.g., articles, data) accessible free of charge online and without subscription barriers, sometimes after an agreed period has elapsed since initial publication. It complements and extends the established practices and rigorous selection of publications in peer reviewed journals and elsewhere, operating in parallel with conventional publication channels.

How Does Open Access Publishing Work?

There are two main routes: Green and Gold.

Green open access typically involves depositing the final manuscript version of your publication in a local repository such as ARAN at NUI Galway. Alternative approaches include deposit in a subject repository like PubMed Central or publication in any of more than 10,000 open access journal listed in the Directory of Open Access Journals.

Gold open access operates on the basis of paying an Article Processing Charge (APC) to the publisher of a subscription journal so that your article is made available without charge to the reader. A survey in 2014 average found an average APC cost of $964.
Single platform for:

Create

Access

Preserve
The drivers
Gaps to be addressed

Lack of consistent publishing platform
Need to visit multiple online locations
Digital metadata policy and management
Long-term storage and preservation unclear
Ad-hoc selection of projects to date
University focus on archives

Literary collections are a particular joy and wonder. To hold and read a page of original handwriting or a scribbled-over typescript can be a thrilling act of discovery: the physical nature of the page seems to bring us close to authors and moments of the past in ways that makes history both strange and familiar. Even more importantly, literary collections give us privileged witness to what we call the ‘creative process’. Tracing a literary work from its first jottings through a series of revisions and rewritings is a fascinating journey. We see the complication and uncertainty of composition; we observe the labour and skill that are necessary partners to inspiration. And in the many other kinds of material found in an archive, such as personal letters, account books, journals or press cuttings, we discover important aspects of the environment in which literature is written and circulated. In short, working with archives gives us access to the very heart of creativity.
Investment in high-profile archival collections

John McGahern
Thomas Kilroy
Druid Theatre
Huston Family
Éamon de Buitléar
Abbey Theatre

Six One News: Project aims to digitise Abbey Theatre's archive
New large scale digitisation activity

About the Abbey Theatre Archive

The Abbey Theatre archive is one of the world’s most significant archival collections. The archival material ranges from show posters, programmes, photographs, minute books to lighting plans, set and costume designs, sound cues, prompt scripts and audio files.

The earliest item in the Abbey Theatre archive actually precedes the founding of the Abbey Theatre. It is an 1894 poster of the first production of *The Land of Heart’s Desire* by W.B. Yeats, which was performed at the Avenue Theatre in London.

Archives at NUI Galway

NUI Galway is home to over 350 unique archival collections. Major figures in the Library’s literary archives include John McGahern and Thomas Kilroy. There is also a wealth of material in theatre, film and the performing arts, with a particular focus on companies such as the Abbey Theatre, Druid Theatre, Taibhdhearc na Gaillimhe and the Lyric Players Theatre in Belfast. Historical collections include the institutional records of Galway Corporation and, more recently, the Brendan Duddy Collection which focuses on the search for peace in Northern Ireland.

All of these collections, supported by expert staff in the University’s new Humanities Research Building, create a vital resource for researchers. Further information is available online on archives services, including a blog and Twitter feed.

In an era of large scale digitisation

But, only 10-14% of Library archives are digitised (ENUMERATE survey)
New building, new neighbours
New digital projects

Duanaire, focus on data and visualisation
Born digital content
A focus on institutional open access
Many players, but working separately
Strategy creation

**Nov 2013**: Digital Library Group formed

  University Librarian, Head of Library Systems, Head of Research Services, Digital Library Developer, Digital Archivist

**January-June 2014**: working papers per topic

**July 2014**: drafting and launch of initial version

**September-October 2014**: consultation

**November 2014**: publication

**2015**: Implementation and projects
Key implementation areas

The team and governance
Communication and engagement
Technology platform
Finance
Process and workflow
Projects
Our approach
Existing collections, workflow with integration

**CALM (EAD)**
Collection, hierarchy, and item level, a context

**Enrich**
Extract metadata, enrich MODS item records with descriptive metadata

**MODS**
Match with metadata with objects

**Preserve**
AIP storage

**Access**
Digital repository

**EAD hierarchy**
Becomes Web navigation

James Hardiman Library
New work: Process

- Proposal
  - Governance

- Project
  - People, budget, a plan

- Metadata
  - Excel file for MODS > XML

- Ingestion
  - Match with metadata with objects

- Preserve
  - AIP storage

- Access
  - Digital repository
Technology strategy

Leverage open source and existing tools
Only build new as a last resort
Omeka – Exhibitions, Mapping
Primo and niche– Discovery
OAI-PMH is the key protocol for interoperability
Recent work
Abbey Theatre

Lessees: THE NATIONAL THEATRE SOCIETY, Ltd.
Directors: LENNOX ROBINSON, WALTER STARKIE, RICHARD HAYES,
ERNEST BLYTHE, ROIBEARD O'FARACHAIN
Abbey theatre

Larger scale to previous digitisation projects

Little appraisal or arrangement, the entire archive is being digitised

Different approach to metadata

Systematic approach to ensure speed and precision

Multiple internal partners and external suppliers, communication and relationships are key

Storage and compute: Amazon and local tools
Blotter = after lunch
Sunda 50 of boys
and before the afternoon
as a man is given his chance
he clears out his own
penny the resolutiof
work issue which dick
wrote & put Sect 5
begin as soon as
blotter are and ab
than 1 month.
Visits = composite
Tuesday. Hugge
Striker + some others
H. S. 15 end 4 has got
blotter + work was be
resolved.
Brendan Duddy papers

Listed to item level in accordance with ISAD (G)
Collection is digitised, and includes supplementary audio-visual material to contextualise it
Project complete to migrate metadata (EAD), with the objects, to the digital repository
18 Policing: General interest, and membership of Northern Ireland Policing Board [c.1999 -2008]

Scope and Content: Containing mostly reports and memoranda in circulation with suggestions for a reform of the Northern Ireland police service; dating to as early as 1974/1975 and 1998/1999, when such proposals were being considered by the British government and opinions were sought from all interest groups. Testifying to Duddy's early interest in the matter. Some documents witness Duddy's own involvement: asked to contribute opinion in 1998 to the Independent Commission on Policing in Northern Ireland; invitations to Royal Ulster Constabulary functions; his participation in an SDLP-seminar on policing in 2009. There is little from his membership on the Northern Ireland Policing Board. Original box labelled "Policing". Documents span early 1970s-2009.

Date: early 1970s - 2009
Extent: 27 items

POL35/614

Scope and Content: Photocopies of typescript list (2 pp) by (unsigned) [member of republican movement], entitled 'A police service'. In 19 points, submitting steps towards a reform of the Northern Irish police acceptable to the republican movement. Emphasising necessity of disbanding the Special Branch and ending the para-military aspect to policing through a thorough reform of the RUC from within and with some input from the political parties, including the SDLP. (With a caption by [Éamonn Downey] suggesting a date before Secretary of State Roy Mason's tenure of office.)

Date: [early 1970s]
Extent: 3 items

POL35/615

Scope and Content: Typescript memorandum by [Brendan Duddy] on the problems of policing in Northern Ireland, and offering proposals for change. Advocating a two-tier set-up with a centralised police service (CID), and local Community Action Groups (CAG), the latter to deal with community problems and petty crime, and in conjunction with complaints bureaus, and people's tribunals - illustrating his ideas with the example of Derry. Submitting that 'in itself, prior to any British disengagement, the CAG is essential' (p.2); and 'The Irish Republican Army should assist the CAGs in all possible ways, with advice, financial support, intelligence etc. It should not attempt to manipulate the CAGs...' (p 3). (With a caption by [Éamonn Downey] suggesting a date before Secretary of State Roy Mason's tenure of office.)

Date: [early 1970s]
Extent: 2 items
Brendan Duddy was born in Derry on 10 June 1936. He became a businessman in his native city, and by the early 1970s he owned and managed two fish-and-chip shops- one in Beechwood Avenue (Creggan) and another in William Street. His motivation for involvement in community affairs, and eventually in behind-the-scene politics, grew out of a deep interest in politics and debate ("I have been a political analyst all my life"), and out of an upbringing in a mixed community where Protestants marginally outnumbered Catholics, a fact he highlighted when making his statement for the Bloody Sunday Inquiry in 1999: Much of my early life was associated with the Protestant population, many of my friends and associates were, and still are, Protestants and I realised that there were two communities and that the only way forward was to bridge the divide between them. I have been pacifist, anti-war, and anti-violence all my life. Duddy has been firmly committed to the peace process, believing that only dialogue would lead to a settlement. Knowing many active members of the civil rights movement, as well as Nationalist party politicians, he was however not directly involved with NICRA, and did as a rule not attend marches. By the mid-1960s, one of the two premises he owned (in Beechwood Avenue), attracted a broad cross-section of people interested in political debate who would gather there informally, until the setting-up of a barricade in about early 1971 made it difficult for some of those on the other side to come to the Creggan. While the meetings were open to anybody, there was no conscious dialogue going on with the Republicans (or Provisionals). Duddy knew Martin McGuinness in the 1960s when he worked for a supplier company delivering burgers to Duddy's shops - at a time when McGuinness's interest in politics was not yet kindled. Members of the police force also frequented the shop, and Duddy was friendly with Peter Gilgann, one of two officers killed shortly before Bloody Sunday.
Scope and Content: Containing mostly reports and memoranda in circulation with suggestions for a reform of the Northern Ireland police service; dating to as early as 1974/1975 and 1998/1999, when such proposals were being considered by the British government and opinions were sought from all interest groups. Testifying to Duddy's early interest in the matter. Some documents witness Duddy's own involvement: asked to contribute opinion in 1998 to the Independent Commission on Policing in Northern Ireland; invitations to Royal Ulster Constabulary functions; his participation in an SDLP-seminar on policing in 2009. There is little from his membership on the Northern Ireland Policing Board. Original box labelled "Policing". Documents span early 1970s-2009. Date: early 1970s - 2009 Extent: 27 items
However the RUC patrol had been filmed by a Canadian TV crew as it passed along the Falls Road. The film showed the first landrover brake and pull across the road towards Linden St. A puff of smoke is then seen to emerge from the landrover. There were no petrol bombers and the streets were empty.

Despite all of this, the DPP ordered no prosecution for Nora McCabe’s murder or perjury at the inquest. Additionally no disciplinary action was taken. The officer in charge of the patrol was a Chief Superintendent James Crooksley. He was subsequently promoted to Deputy Chief Constable and honoured by the English queen.

The officers responsible are, insofar as we are aware, still serving with the RUC.

Because of the long litany of suffering caused by the use of plastic baton rounds. Sinn Fein expects the Commission to call for their withdrawal from use in public order situations by new policing structures. The Commission should meet at an early date with the United Campaign Against Plastic Bullets and other representatives of the victims of rubber and plastic bullets.

2.8 Conclusion

In the context of all of the above, the murders, torture, harassment and intimidation, the culture of impunity and the lack of any proper investigations, it is unreasonable and indeed unreal to expect the nationalist community to ever give their allegiance to the RUC. If we are indeed on the threshold of a new beginning for the people of Ireland, as our party leader Gerry Adams M.P. said in his opening remarks to the Peace Talks on 7th October 1997, then the RUC can have no part in it. In attempting to dismantle and remove the reasons for the conflict it is inconceivable that the RUC can continue to exist in any form. What is needed is a new, accountable and fully representative policing service. The people of Ireland, of every tradition, deserve nothing less.
Eamon Downey Notes.

"Golden Thread" Lecture - (title derived from a 1935 judge on the importance of law standards)

by Michael Fowrel.

on Fri. 29-01-99

Theme = How the state has allowed the erosion of basic human rights for the suspect to happen.

General = the state has allowed to be removed from common law practice in N. Ireland that most
S just wanted to send this small card to thank you deeply for your kindness when S was given the voucher to spend on truly 506-smacked. S had a great time selecting the outfit and my eyes were spoilt for choice. S have told the whole jail about the beautiful clothes you sell and how well S was treated by your staff. You didn't have to do that and the customers.
Tim Robinson

Comprehensive index of 567 town-lands in Connemara and the Aran Islands, maps, and manuscript material
Listing and digitisation of town-lands index
EAD > MODs + objects to digital repository
Visual tools to investigate and improve usability of collection (mapping the archive)
An extensive card catalogue compiled by Tim Robinson throughout the 1980s and 1990s, drawn from his field notes. The series has been arranged by Robinson into civil parishes, and further divided into townlands. For most of the townlands, there are several record cards that give a detailed description of the local landscape. These describe historical, ecclesiastical, geological, and archaeological features. Anecdotes and local lore also feature in these. Robinson adds the names of people who helped him compile his information, usually local people, and often correspondents who sent him information helping him identify the origins of placenames, or certain landmarks and artefacts.
The cards also credit several secondary sources, including the OS maps and corresponding Field Name Books, Hardiman's History of Galway, Alexander Nimmo's map of the bogs in the West of Ireland, and many more.
In all cases in this series, the placename Tim Robinson used as his title appears as the title here. Many are in Irish, and some are in English. The corresponding translation is provided in the description.

<table>
<thead>
<tr>
<th>Number</th>
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<tr>
<td>01</td>
<td>02 - Moyrus Civil Parish [Roundstone RC Parish]</td>
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<tr>
<td>03</td>
<td>04 - Ballinakill Civil Parish [Ballinakill or Letterfrack RC Parish]</td>
</tr>
<tr>
<td>05</td>
<td>06 - Kilcummin Civil Parish</td>
</tr>
<tr>
<td>07</td>
<td>08 - Ross Civil Parish [Leenane RC Parish]</td>
</tr>
<tr>
<td>09</td>
<td></td>
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</tbody>
</table>
AN CNOC BUI

'Knockboy TD', on O.S.
Annala Beaga 82; bhí an Cnoc Buidhe isteach leis an Mhás mar cinnín, nuair a d'ainmtear na Mháirtín.
Griffiths: law life; in fee.

COILLAN CNOCH EITHE (notice)
For Antony Bishop's History. I'll see Notebook D.
Irish National Theatre
First General Meeting – 34 Lr Camden St.
Friday 1st January 1904.

Proposed by W. G. Fay seconded by Miss Walker that the following be admitted for membership (in addition to the seven signatories to the rules by W. G. Fay, P. J. Kelly, F. Ryan, Miss Laird, Miss Walker, J. Starkey, F. J. Fay)

T. Koehler, F. Walker, H. Norman, J. M. Synge, P. Colum, Miss Allgood, G. Roberts

Passed unanimously.
Proposed by W. G. Fay seconded by J. Starkey
In progress

Druid oral history project
DSpace to v5.2
Tim Robinson mapping
Migration of older digital collection to new platform
Issues
Challenges encountered and anticipated

Customising metadata to suit discoverability
Intellectual property
Consistency
Increased user-expectations
Capacity planning
Future
What’s next

Complete and hone existing migrations
Take stock
Willingness to review workflow for new archival collections
Born digital strategy
Metadata management
Summary
Takeaways

Strategic approach, including top down drive
New ways of working
Keep it simple
Continuous improvement
Expose our collections and collaborate with academic community

James Hardiman Library
Questions