Preservation as a Service

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Mission Statement

DRI is an interactive trusted digital repository for contemporary and historical, social and cultural data held by Irish institutions
Vision

DRI links and preserves the rich data held by Irish institutions, providing a central internet access point and multimedia tools.
Funding

Exchequer funded; HEA PRTLI 5, €5.2M

RIA (lead), NUIM, TCD, DIT, NUIG, NCAD

Partners: academic, cultural, social, industry

Sep 2011 – Sep 2015
Current Status

Preview event held in May 2014 - Staggered release, previews throughout the 2014/2015

UAT being rolled out (phased with releases)

Leveraged projects (ongoing work)

Education and Outreach - (Designated) Community and user engagement
Various Reports...(core)

Digital Archiving in Ireland
National Survey of the Humanities and Social Sciences

www.dri.ie/publications

Will also be available through repository site.
Various Reports...(core)

Caring for Digital Content: Mapping International Best Practices
And fact sheets...

Metadata, copyright, file formats, preservation...more to come (including linked data)
Our “services” are dictated by a number of crucial elements

1. Community needs (member and/or (end) user?)

2. Sustainability - as a four year funded ‘project’

3. External factors - open data, open government, H2020 (and other funding calls), leveraged projects/funding versus core funding.
1. Community Needs - membership model

Based on a number of assumptions we can offer different services to different users

1. Some organisations have their own institutional repositories, storage and technical expertise (some don’t)
2. Some organisations want educational and skills support (not just technical)
3. All want more user engagement and to provide sustained access to content
Different members, different needs

1. Depositors:
   • Ingest Collections: store, preserve, display, discover, link. Vast range of data with domain specific needs
   • Support leveraged projects: ingest into DRI, use DRI API to re-use content (Inspiring Ireland and DPC shortlisting)
Different members, different needs

2. Leveraged infrastructures (an instance of DRI):
   • Indicated by user needs and institutional requirements
   • Re-use of code-base (with licensing)
   • Leverages exchequer funding and embeds DRI (knowledge & infrastructure) into institutional workflows
   • Pilot study under-way with two universities
Different members, different needs

3. End user:

- Preservation is sustained access to content
- Preservation “out of a box” not “in a box”
- Need to cater to current and future needs
- Tools for user engagement, cross search functionality
Different members, different needs

4. Open data platforms:
   - Publish open government data
   - No mandate to preserve - need to provide stabilised access
   - Publishing is just one step (€3 billion for open data pilots?)
Membership model (until September 2015)

Our membership model is currently under going approval and sign-off.

Builds on legal and policy framework within a federated model based on “trust”

Includes provisions for preservation (within certain storage constraints), functionality (ingest, search, discover, tools to visualisation & analyse).

Priority access to training
The Challenge

Core funding terminates Sept. 2015
Need for sustained infrastructures & skills
Need to continue building and maintaining DRI
Need to retain staff*

Project funding
Costed service provision
Exchequer core
We have a compelling argument

DRI is an important infrastructure for our designated community and researchers (citizens, students)

This infrastructure helps other Irish institutions fulfil their open access remit

Partnership and community engagement

Enables Irish researchers to apply for H2020 funding (Irish HEI’ will be excluded without this national infrastructure.

[Prof. Rob Kitchin - Business Task Force]
“Value” of data and software for monetisation

Economic (monetary) versus cultural value
Culture is “priceless” ... for everything else there is MasterCard!!

Our ethos is open access to data
We use several open source components to build the infrastructure
Number of different business models but we must adhere to the values that we have set out
External factors

Open data, open government - data.gov.ie (www.per.gov.ie)
- audit carried out by INSIGHT, many datasets are not available in machine readable formats.
- is preservation included?

H2020 - Ireland needs a national infrastructure

Leveraged projects
The blended model

Core funding: over 5 years on a sliding scale
Matched funding (philanthropy, Inspiring Ireland)
Membership model
Leveraged research funding
Ingest services
White-label development
In-built archiving costs at source

Next steps are discussions with HEA, stakeholders and other potential funders
[Prof. Rob Kitchin - Business Task Force]
Conclusion

More to a preservation service than just the infrastructure

Myriad of needs among the community - need to develop services that reflect these

Preservation as a service, that can scale, given community, business, and external factors