

dri

Digital Repository of Ireland
Taisclann Dhigiteach na hÉireann

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An Roinn Post, Fiontar agus Nuálaíochta
Department of Jobs, Enterprise and Innovation



Ireland's EU Structural Funds
Programmes 2007 - 2013
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HEA

Higher Education Authority
An tÚdarás um Ard-Oideachas



EUROPEAN REGIONAL
DEVELOPMENT FUND

Mission

DRI is a trusted digital repository for Humanities and Social Sciences Data

- *linking and preserving the rich data held by Irish institutions, with a central internet access point*
- *Our Cultural & Social Heritage*



<http://img.eu/> HOSTS THIS IMAGE SINCE 2012-09-05

LCF v3.6 (C) 2012 ATA Materiali Holawski / Subline@tar.com



App

App

App



Linked
Logainm

DRI Platform

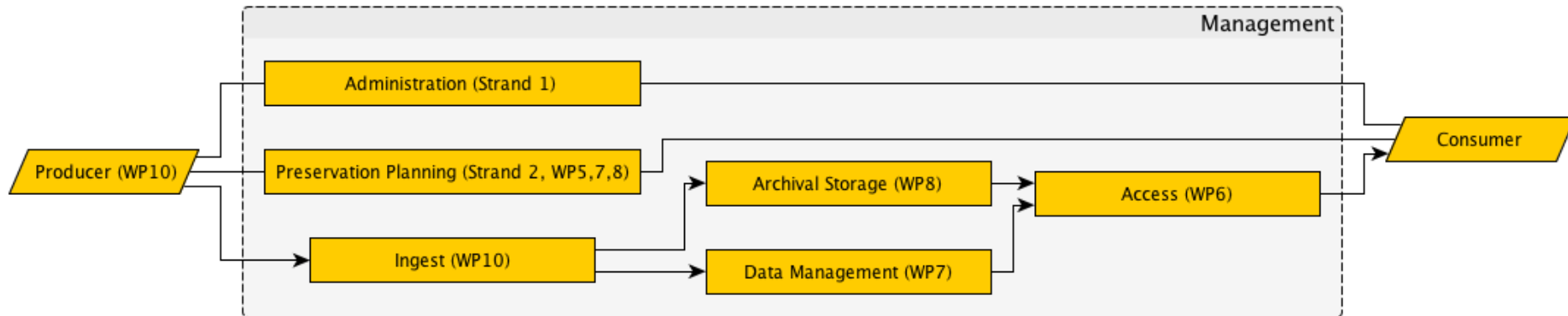
Access

Preservation

Discovery

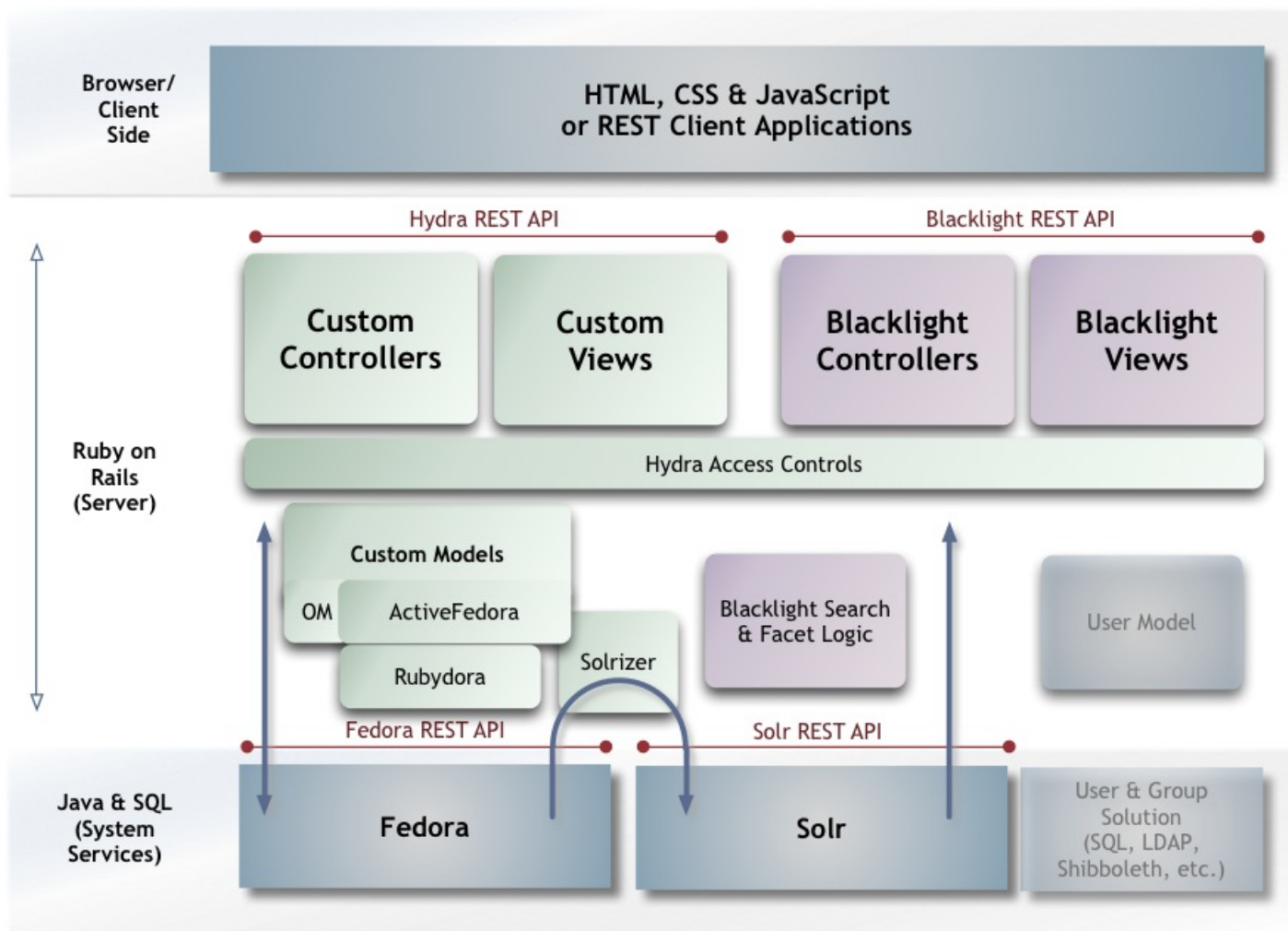
Federated Archives, Storage

OAIS model



Open source components
Custom code to join them together





Preservation strategy

Multi-site repository

Dublin and Maynooth (~25km separation)

Asynchronous replication

Ability to catch errors on the fly

Segregated storage

Master copies with surrogates for public access

User Access

Primarily through the blacklight search interface

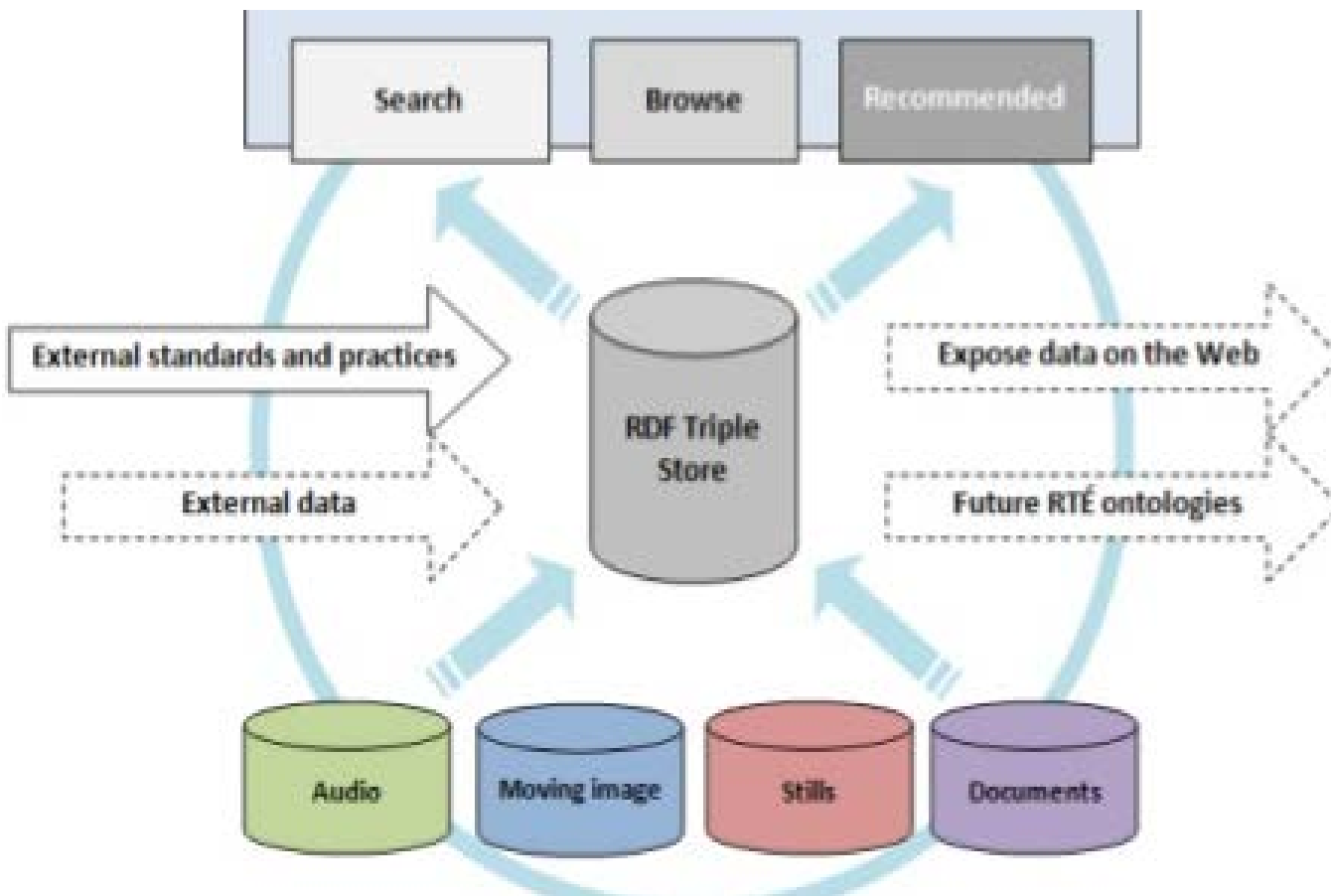
Other routes

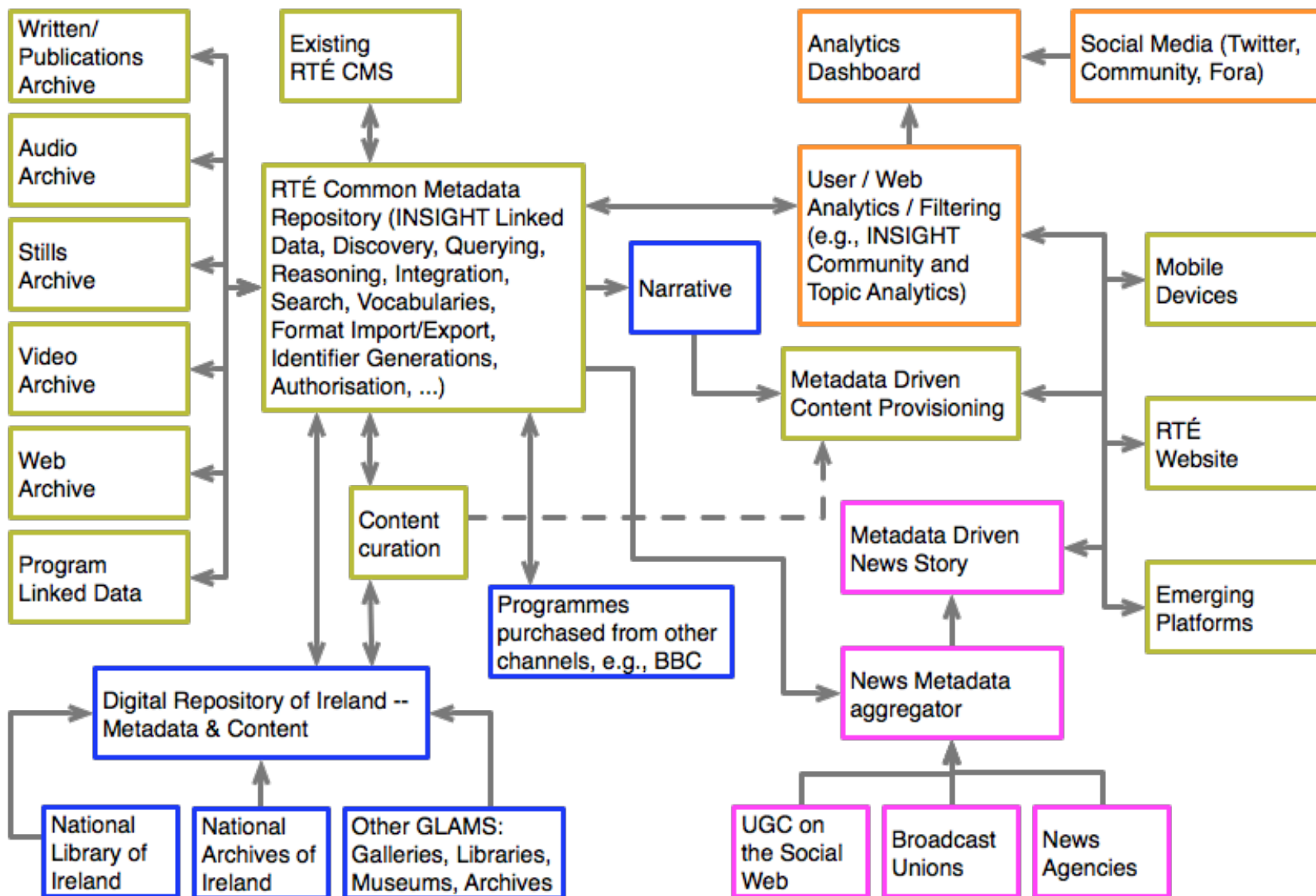
- Curated collections and virtual galleries
- Georeferenced data – mapping
- Temporal data – timelines
- User defined collections
- DOI references in papers

Insight Centre

- National Centre for Linked Data and Analytics
- €74M and over 200 researchers across 8 institutions
- DRI and RTE joint project to provide
 - Linked data discovery platform
 - Multiple RTE archives and media formats
 - Preservation, discovery and access

Insight Centre





- <http://www.dri.ie>
- <http://projectblacklight.org/>
- <http://projecthydra.org/>
- <http://www.fedora-commons.org/>
- <http://opennebula.org/>
- <http://lucene.apache.org/solr/>
- <http://www.ceph.com/>
- <http://tools.ietf.org/html/draft-kunze-bagit>