



Digital Repository of Ireland
Taisclann Dhigiteach na hÉireann

Peter Tiernan
Storage Engineer

Kathryn Cassidy
Software Engineer

Digital Repository of Ireland
Trinity College Dublin



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



Ireland's EU Structural Funds
Programmes 2007 - 2013

Co-funded by the Irish Government
and the European Union

HEA
Higher Education Authority
An tUdarás um Ard-Oideachas



EUROPEAN REGIONAL
DEVELOPMENT FUND

Mission

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

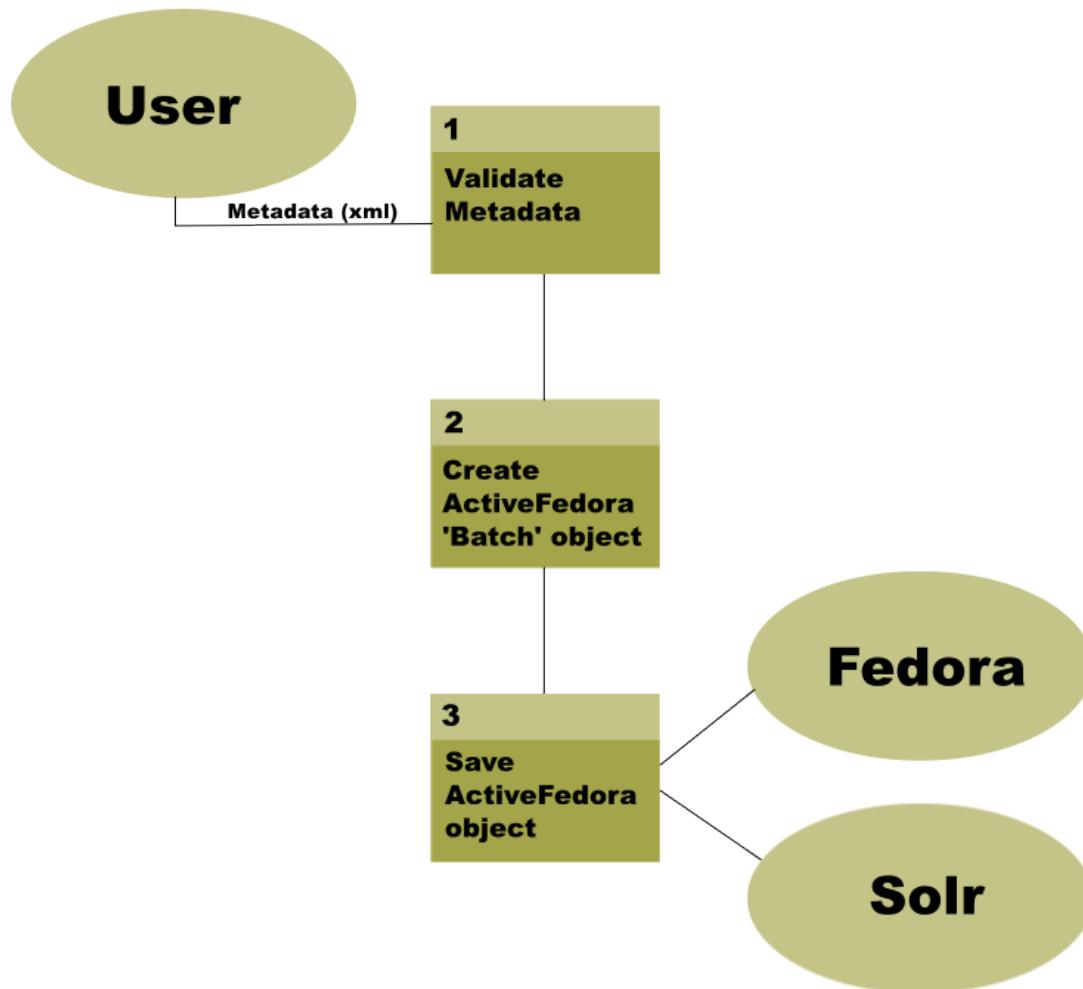
- *linking and preserving the rich data held by Irish institutions, with a central internet access point*
- *Our Cultural & Social Heritage*



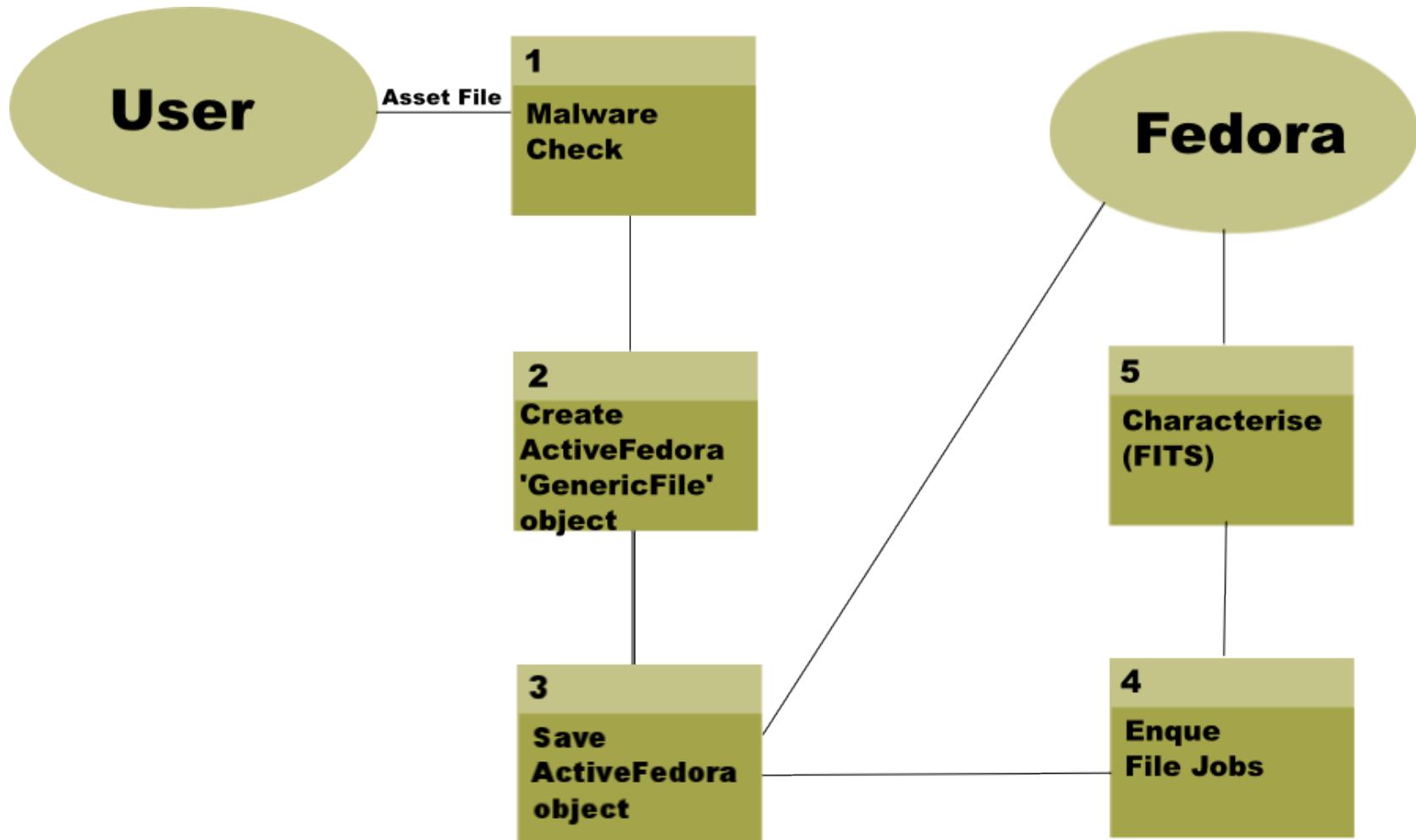
Application Overview

- Uses Fedora 3.6.2, Solr 4.1.0 & Hydra 7.1.0
- dri_data_models built on top of sufia-models
- Dri user_group built on top of hydra-access-controls
- Fedora datastreams:
 - Fedora DC & RELS-EXT
 - Descriptive metadata (descMetadata)
 - Properties
 - Rights Metadata (rightsMetadata)
 - File Characterisation (from FITS)
 - File Content (link to our Ceph Storage system)

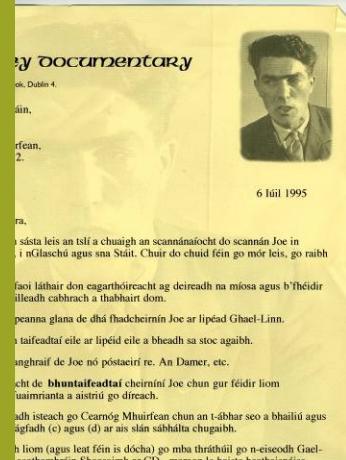
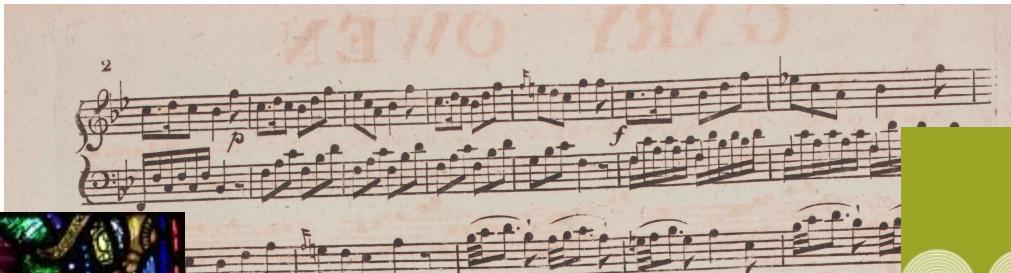
Ingesting Object Metadata



Ingesting Object Assets



Types of Media



Metadata

- Support for multiple metadata formats
 - Dublin Core (supported)
 - EAD & MARC (in development)
 - MODS & METS (future work)
- Bilingual metadata - Irish & English
 - xml:lang
 - Separate facets for Irish and English terms
- Geo & temporal metadata, map and timeline visualisations
- DOI Persistent Identifiers
- Preservation and access repository



Digital Repository of Ireland
Taisclann Dhigiteach na hÉireann

Questions?



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



Ireland's EU Structural Funds
Programmes 2007 - 2013
Co-funded by the Irish Government
and the European Union

HEA
Higher Education Authority
An tUdarás um Ard-Oideachas



EUROPEAN REGIONAL
DEVELOPMENT FUND