RDIVA

an open source approach to research data management in the visual arts

Carlos R. Silva
University for the Creative Arts
01 ABOUT RDIVA
- What is it?
- Who is involved?
- Why we need it?

02 PARTNERS
- Other institutions
- Expectations
- Initial approach

03 APPROACH
- Main concern
- Consortium objectives

04 DEV
- New methodology
- Tools used/modified

05 FUTURE
- Potential
- Other funded projects
What is it?

Research Data Infrastructure for the Visual Arts

It’s a partnership created to explore, support and enhance research data management practice in the visual arts.
Who is involved?

**UCA**
University for the Creative Arts – formed in 2005 with 5 different campuses across the south east of England.

**UAL**
University of the Arts London – the largest university in Europe to specialise in art, design, fashion and performing arts.

**Goldsmiths**
Goldsmiths University of London is a public research university specializing in the arts, design, humanities, and social sciences.

**RCA**
The Royal College of Art offers postgraduate degrees in art and design.

**GSA**
The Glasgow School of Art is Scotland’s only public self-governing art school.
Why we need it?

"To comply with demands for OA and funder requirements for data publication."

The project team propose to bring together the outputs of three successful Jisc funded projects: KULTUR (2007-10), ReCollect (2011-13) and KAPTUR (2011-13) to create a research data management infrastructure which is designed to the unique requirements of visual arts researchers and research students.
An example

Mackintosh building

» The building was damaged by fire in May 2014
» An estimated 30% of contents were completely destroyed
» Other content survived, but were badly damaged
» Ever since, a research team has been looking at the recovery and documentation of every part of the building
» Finding pieces of drawings, sketches underneath previously covered walls
RDIVA Aims

» Design as a priority
» Reuse existing tools wherever possible
» ReCollect Data Mapping
» Detailed technical analysis
» Setting up of workshops analysing sector wide needs
Understand how small and specialist institutions can best implement RDM

Collaborative approach to

» Capture user requirements
» Prototype systems
» Conduct trials
» Publish findings
» Sustain results
Approach

Consortium Aims

- Metadata in EPrints and data in Arkivum
- Direct upload/download of data from the archive
- Good for large datasets
- Good for lots of files
- Ease of use (drag and drop, desktop integration, security)
- Flexible deployment models (hosted, onsite, mixed)
- Institutional control (QC, embargos, access control)
Responsive Design

Table:

<table>
<thead>
<tr>
<th>Last Modified</th>
<th>Title</th>
<th>Item Type</th>
<th>Item Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>05 Nov 2015</td>
<td>UNSPECIFIED</td>
<td>Data Collection</td>
<td>User Workarea</td>
</tr>
<tr>
<td>05 Nov 2015</td>
<td>This is a sample item for a Data Collection</td>
<td>Data Collection</td>
<td>Live Archive</td>
</tr>
</tbody>
</table>

Abstract
Responsive Design
1. Create record
2. Create data folder
3. Files
4. Data ready
5. Review
6. Check
7. Approve
8. Protect
9. Files
10. Files safe
11. Files safe
12. Files safe
13. Mint DOI
14. DOI
15. DOI

Proposed model
Dataset to archive

Choose upload dataset direct to archive...

Link to Owncloud shared folder
Dataset to archive

... to get an Owncloud share, that you can add to your Owncloud account...
Dataset to archive

... to upload files with the Owncloud desktop client...
Dataset to archive ... direct to Arkivum ...
Dataset to archive... but visible to the repository...
Dataset to archive ... from where we manage access...
The future

» Engagement with JISC RDM Shared Service
  » Highlight the specific and varied challenges faced by smaller and specialist institutions

» Dissemination and sharing of preliminary work
  » Sharing effective research infrastructure practices including those in the visual and creative arts

» Work with other repositories trying to unify visual arts RDM
  » Highlight the lessons learned by all institutions in meeting increasingly complex requirements

» Involve more CREST members
  » Not only from the visual and creative arts sectors

» Test pilot with other institutions
Carlos R. Silva
University for the Creative Arts
csilva@ucreative.ac.uk