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# Improving the integration between DSpace and Symplectic Elements



## "Academic self-deposit is the ideal"

#### Academics understand:

- the purpose and outcomes of a repository
- the implications of granting a licence in Elements
- the consequences of their copyright agreements with publishers
- the intricacies of versions of a publication and embargo periods

## Assumptions

### "One size fits all"

- There is one authoritative source for an institution's research output information
- That source can **usefully** feed the same data to multiple endpoints:
  - open access repositories
  - research assessment and funding exercises
  - academic portfolios

## • The majority of academics have no interest in licensing issues

- A best case scenario is to get them uploading something and grant the licence to the repository
- Management of copyright, embargoes, versions and publisher permissions is passed to the repository

# Reality

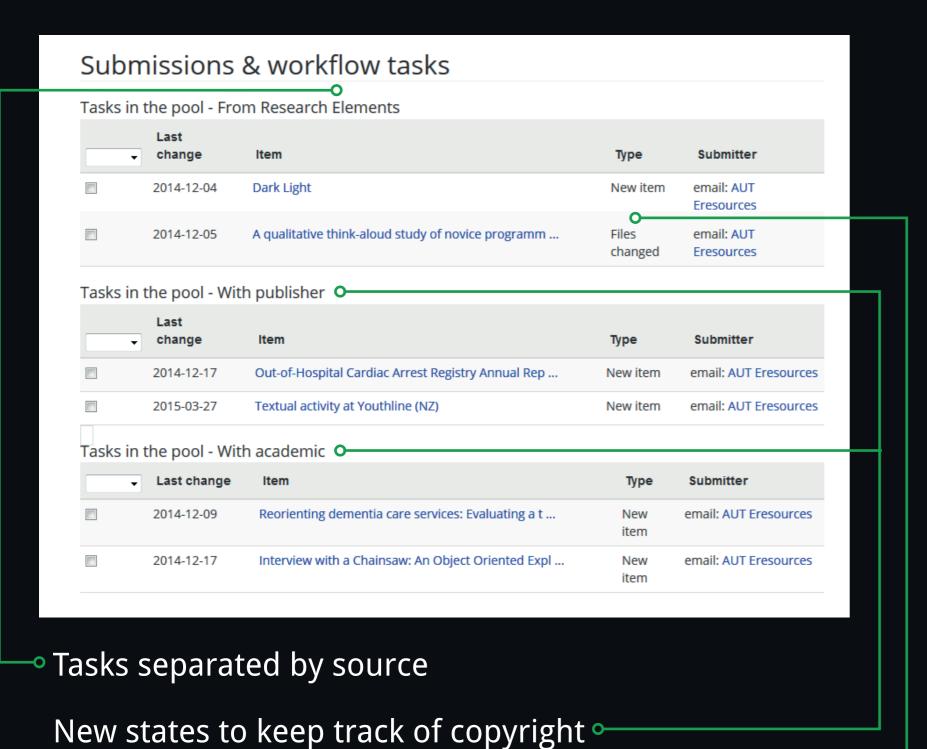
- Requirements are different for each endpoint:
  - metadata
  - file versions
- With these conflicting needs, open access repositories are not always top priority

## DSpace workflow:

- Large number of items in single unordered pool
- Limited information on overview page
- Items pass through a number of states on the way to final approval – no way to track this

## Problems

- Any file change within Elements generates a duplicate item within DSpace, which is expected to replace the existing DSpace item
- Repository can no longer promise to provide a permanent, stable URL for an item
- File access level cannot be changed in DSpace workflow

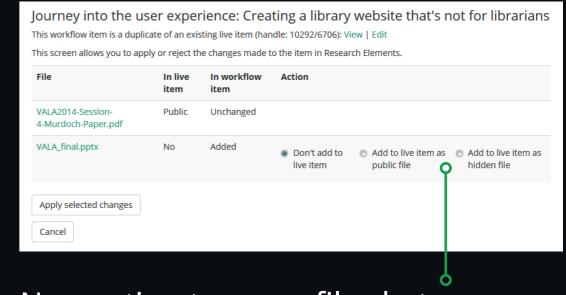


Journey into the user experience: Creating a library website that's not for librarians Murdoch, C; Hearne, S its website in 2012. The problem was that the website content, as is the case for many library websites, had been written by librarians with almost no user input. The challenge was to redesign the website, rethinking... Read more Keywords User experience; Library websites VAI A2014 held at Melbourne Convention and Exhibition Centre, Melbourne, Aus tralia, 2014-02-03to 2014-02-06, published in: VALA2014 Proceedings Item Type VALA2014-Session-4-Murdoch **Publisher's Version** http://www.vala.org.au/vala2014-proceedings/vala2014-session-4-murdoch Research Elements item Files changedExisting item (handle: 10292/6706): View | Edi Files in the existing item VALA2014-Session-4-Murdoch-Paper.pdf Actions you may perform on this task: If there are any differences in files between the existing item and the workflow item, this screen lets you move files from the workflow item into the existing item. Remove workflow task; tell Research Elements to continue using the existing item. Any files only present in the workflow item will no longer be available through Research Elements Edit metadat Changed item – indicate files in existing item

Show link to existing item

New action to approve workflow task and withdraw live item (used rarely)

### New action to move files between live item and workflow task



New action to move files between bundles (public and non-public)

New action to discard workflow task and point Elements to the live item

For more, see the poster proposal



## Outcomes

New flag: "new item" or "files changed" •

permission process

- More transparent processes = better internal communication
- Significantly reduced processing time
- Duplicate items eliminated

Reliable permanent stable URLs

- Issues left unaddressed
- Some communication with academics is still manual (must happen outside DSpace/Elements)
- Elements user interface still confusing and not user-friendly
- No notifications from Elements to repository administrators