Our Journey from Sufia 7 to Hyrax

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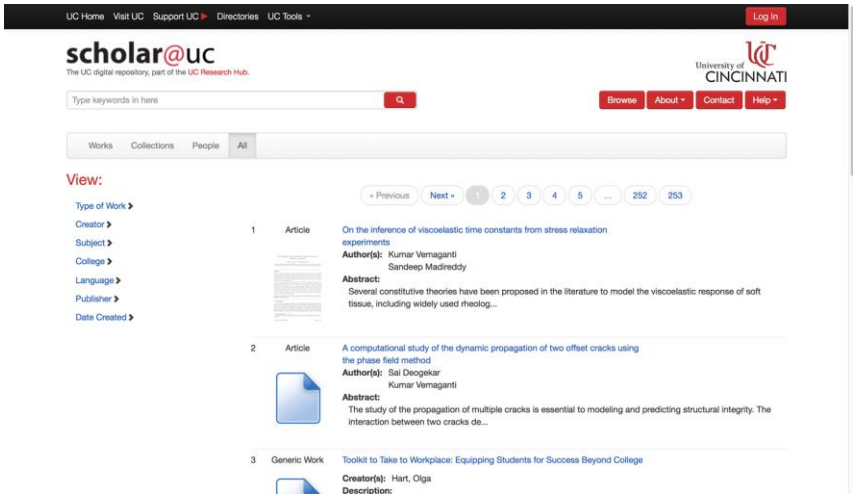
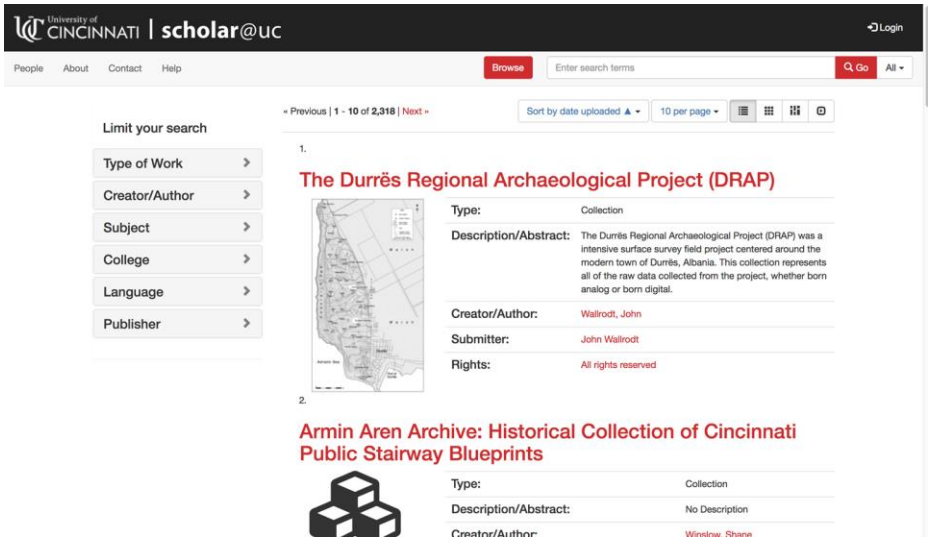
Scholar@UC



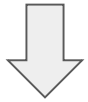


Scholar@UC 2.x - Curate

Scholar@UC 3.0 - Hyrax 1.x

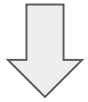
Stages of Migration

Scholar@UC 2.x (Curate)



Stage 1

Scholar@UC 3.0 beta (Sufia 7.x)



Stage 2

Scholar@UC 3.0 (Hyrax 1.0)

Release Notes

We started with the release notes for Hyrax 1.0.1

https://github.com/samvera/hyrax/releases/tag/v1.0.1

Replace initializers

Namespace changes

Routes

Migrations

Workflows

Ruby and Rails Upgrade

Rails 4 → 5 Upgrade

- Most of the process is automated:
  http://guides.rubyonrails.org/upgrading_ruby_on_rails.html

Ruby 2.1 → 2.4

Blocker : Problem Gems

Three of our gems were not compatible with Rails 5:

1. orcid
2. devise-multi_auth
3. hydra-remote_identifier

We disabled these gems to continue our migration. Eventually updating them in our forked repositories and made reference to our solutions in the community gems.

Find / Replace in our Application Code

Due to the consolidation of Sufia and CurationConcerns into Hyrax, we needed to do mass text changes on our application code for both terms

sufia → hyrax
(most of the time)

curation_concerns → hyrax

Sufia → Hyrax

CurationConcerns → Hyrax

Rename files and directories

24 app/forms/curation_concerns/article_form.rb → app/forms/hyrax/article_form.rb

```
...  ...  @@ -1,8 +1,8 @@
1    1     # frozen_string_literal: true
2    2     # Generated via
3         -#  `rails generate curation_concerns:work Article`
4         -module CurationConcerns
5         -  class ArticleForm < Sufia::Forms::WorkForm
     3    +#  `rails generate hyrax:work Article`
     4    +module Hyrax
     5    +  class ArticleForm < Hyrax::Forms::WorkForm
6    6         self.model_class = ::Article
7    7
8    8         ## Adding custom descriptive metadata terms
```

Feature Migrations / Overrides

Features that needed to migrated:

- Universal Viewer - IIIF Manifest Support
- DOI’s
- E-mail Notifications
- ORCID Integration

It helps if you mark the beginnings and ends of your overrides in controllers, models, views, etc.

Fix Tests

Time to run the tests!

We had 464 failing test in our application code.

- Attacked each failure individually
- Split up the work

Good test coverage is important!

Other Tweaks Needed

Travis config

New Rubocop violations

Locales

.gitconfig

README

Hyrax Migration Commit Summary

76 commits (not squashed)

Prefixed all commits with “Hyrax Migration:”

All commits:
http://bit.ly/2zeZ6t7

Hyrax Migration Pull Request Summary

420 changed/new files

https://github.com/uclibs/scholar_uc/pull/1393/files

Questions?