

Newspapers Re-Issued

Developing a custom IIIF newspaper viewer at the University of Maryland Libraries

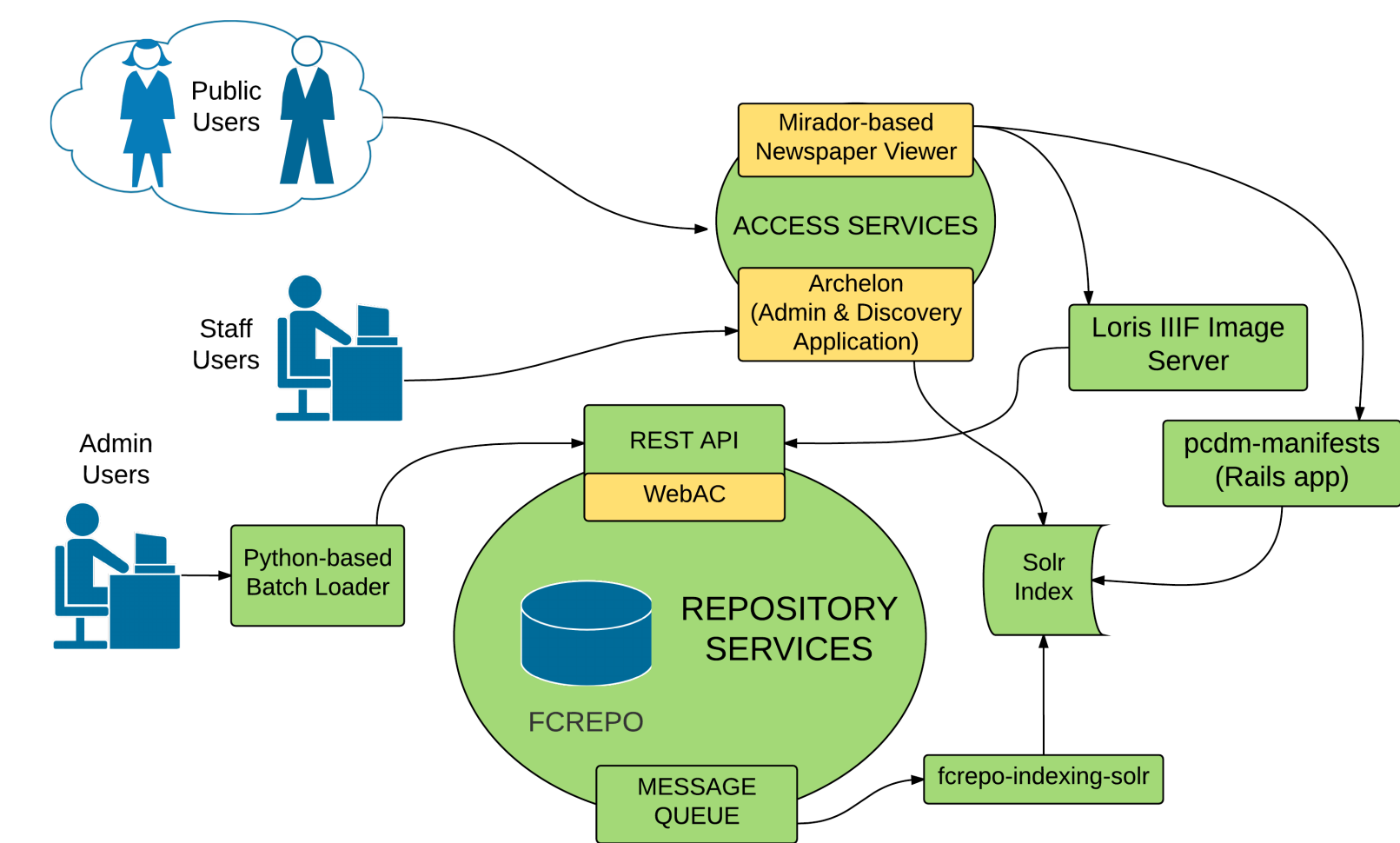
Project Background

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Based on stakeholder feedback, our portal's newspaper viewer needed to support four unique features:

1. keyword search highlighting from the main portal application
2. intuitive image clipping
3. article segmentation highlighting
4. side-by-side display of OCR text with the digitized image

System Components



Static Demo: <https://umd-lib.github.io/mirador-static/>

Customized Functionality

Mirador Viewer

Objectives:

- Use standard Mirador and IIIF functionality
- Otherwise, contribute back any customizations

Customizations:

- Mirador contribution: support for multiple annotation lists
- Fork of Mirador for customizations not accepted back
- Fork of OpenSeadragon Selection plugin
- Local static HTML wrapper for Mirador

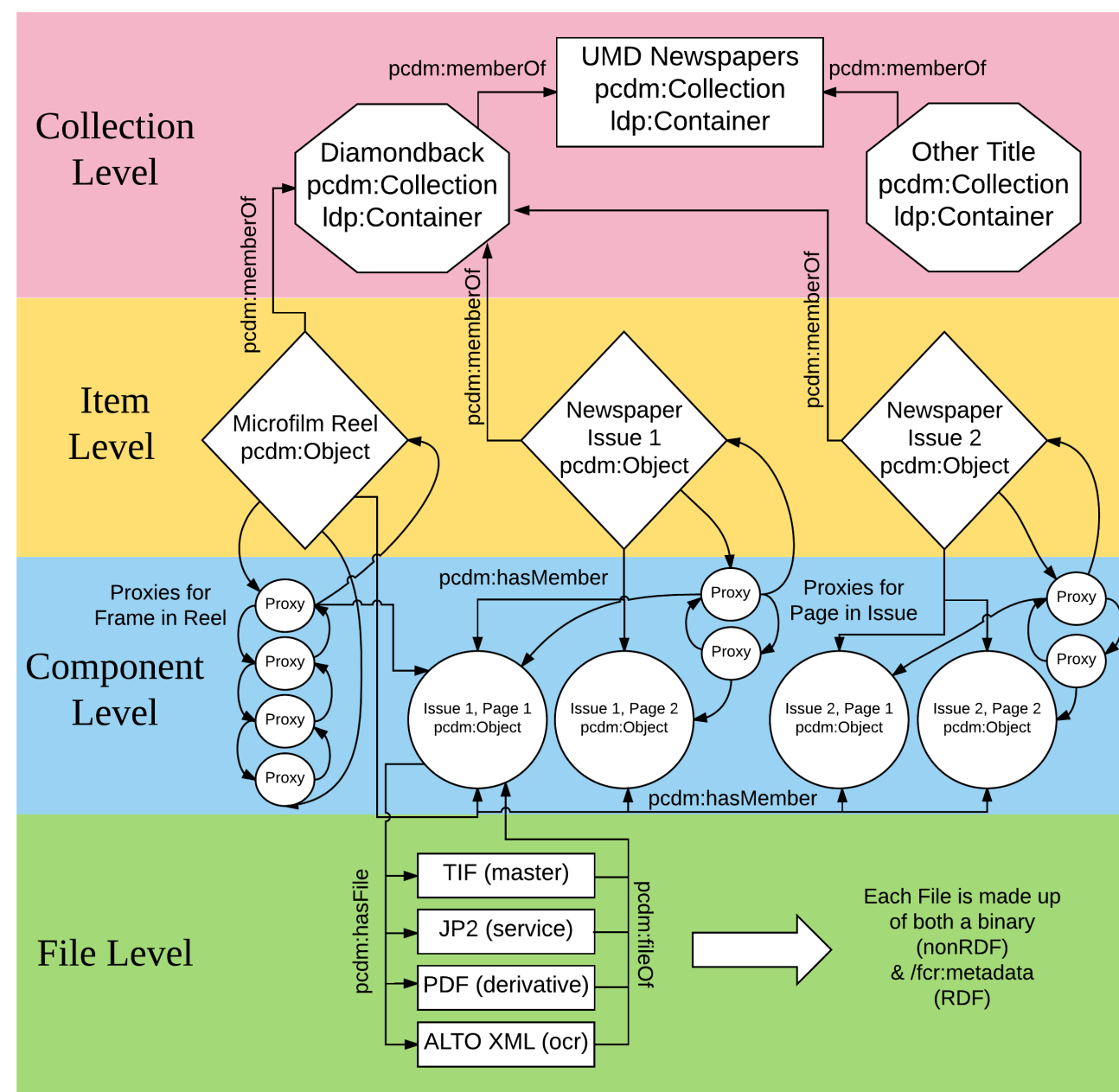
Loris IIIF Image Server

Loris contribution: HTTP resolver improvements for authenticated access to Fedora 4

PCDM IIIF Manifest Server

Locally-developed PCDM Manifest service takes metadata about each newspaper issue from our Fedora 4 repository, transforms it, and delivers IIIF manifests.

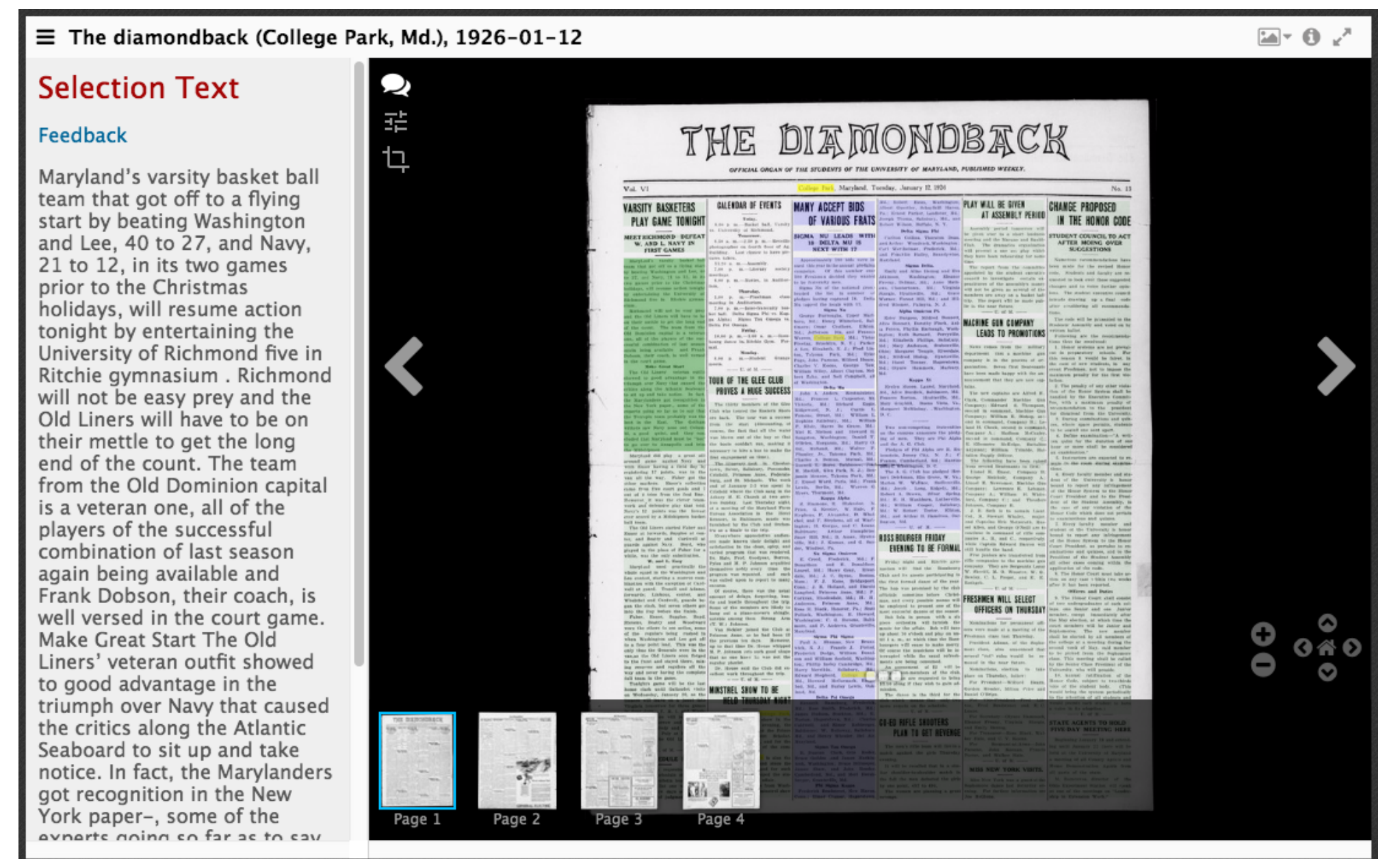
UMD Newspaper Collections in PCDM



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Mirador In Action

Article Highlighting & OCR Text Display



- **Yellow:** search hit highlighting
- **Green:** blocks of article text with OCR available in sidebar
- **Blue:** selected article from search results

[illegible]

Users can select and download a full-resolution JPEG clip.

