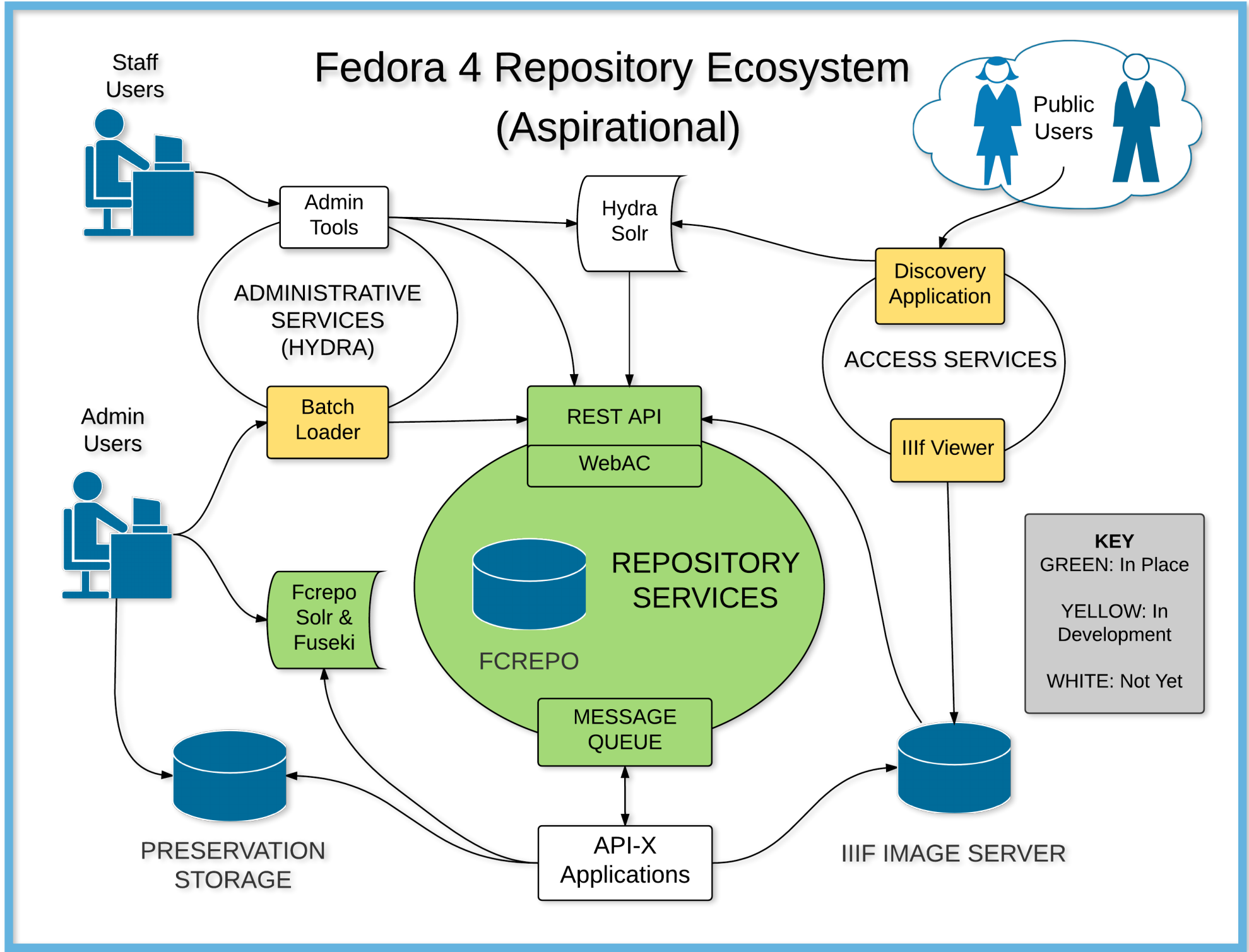


Hatching a Hydra at the University of Maryland

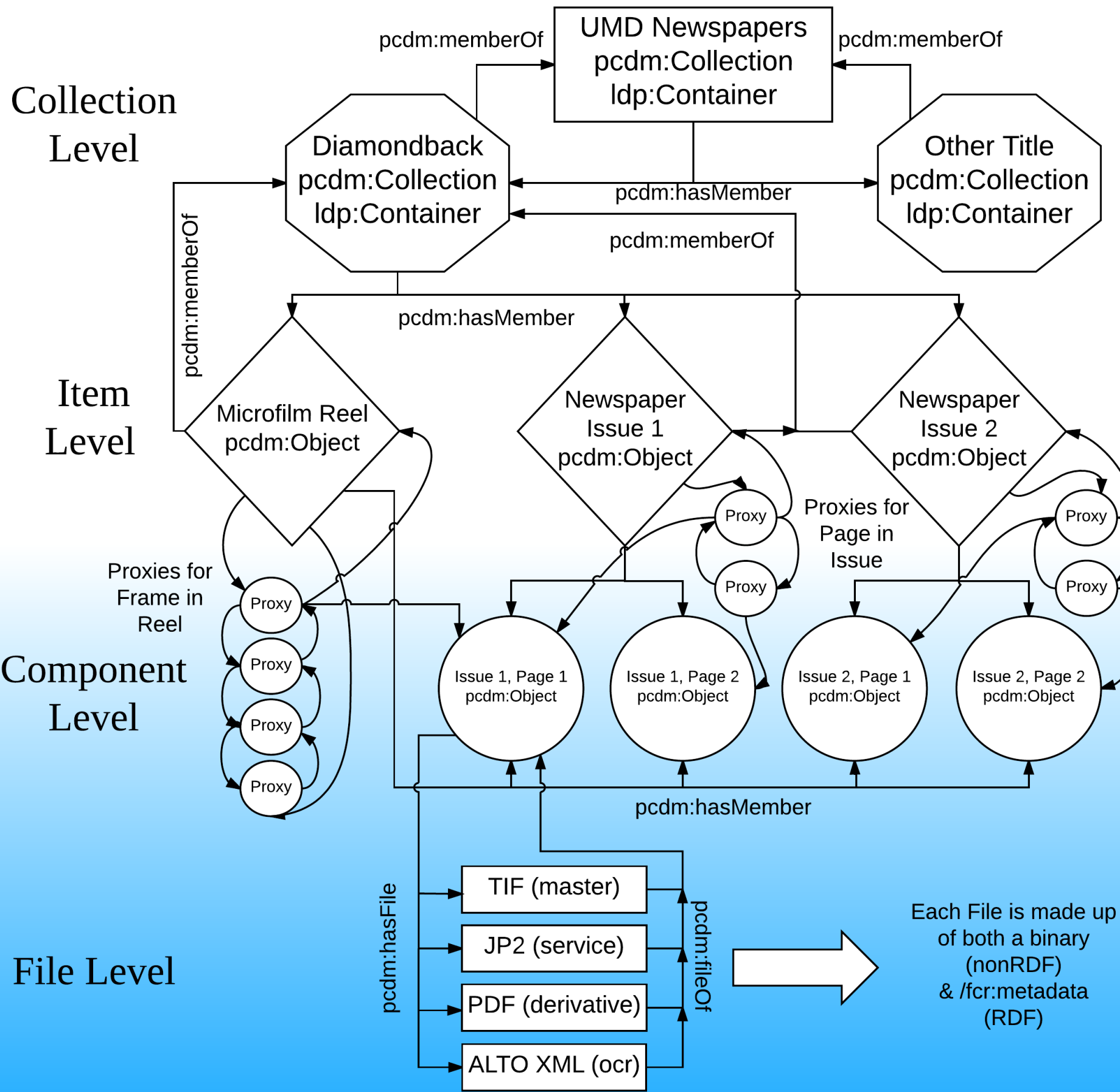


UNIVERSITY
LIBRARIES

Peter Eichman and
Joshua A. Westgard



UMD Newspaper Collections in PCDM



History of Digital Collections:

A Fedora-based digital collections repository has existed at the University of Maryland for nearly 10 years. The original stack is topped by a custom Java-based administrative interface that is no longer being actively developed. In July 2016, we brought a Fedora 4 repository into production with the intention of beginning to develop a new suite of tools and interfaces, and eventually migrating our existing collections to the new system. This incremental migration has allowed us to defer some of the decision making around certain components of our application stack, but necessitates the maintenance of two repositories simultaneously. The plans for and current status of our repository stack are summarized in the diagram to the left.

Current Collections:

Major collections include the Prange Collection of publications from post-war Japan, Historical Manuscripts collections, the National Trust Library Postcard Collection, the AFL-CIO collection, the National Public Broadcasting Archives, and the Library of American Broadcasting. The inaugural collection that will reside in the new repository will be the *Diamondback* student newspaper, which is currently in the process of being digitized, and which is scheduled for ingest in the fall. A prototype Blacklight-based discovery interface and a Mirador-based viewer application are currently in development.

Future Plans:

Ultimately, we see our Fedora repository as the foundation of a digital preservation and digital repository architecture serving the needs of various domains. This **could** eventually include multiple Hydra-based applications — for example, separate Hydra applications for digital collections, an institutional repository, and a research data repository. Our immediate plans entail only a digital collections administrative interface built upon Hydra.

Experienced Hydranauts! As we embark upon our repository project, we need your help. Please tell us "what you wish you knew" before you started building your Hydra application (or add a +1 if your idea has already been listed):

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