

# The **NEW** IUScholarWorks at Indiana University

Repositories, Journals, and Scholarly  
Publishing

# What I will talk about



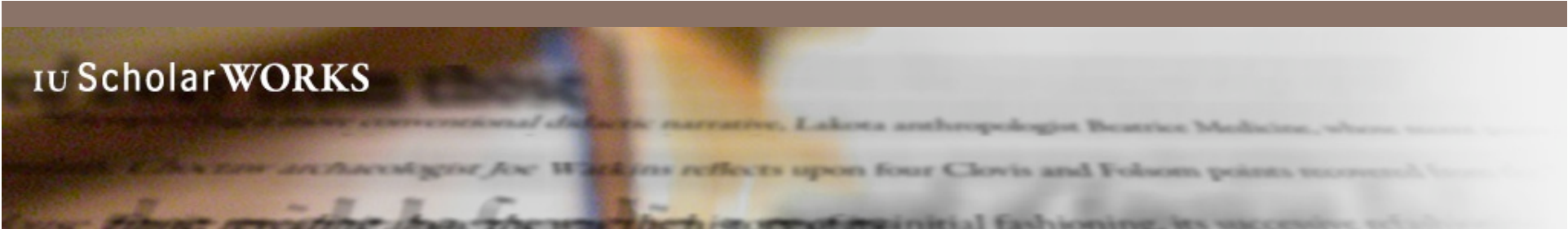
- Overview of IUScholarWorks
- Evolution of IUScholarWorks: Journal publishing, and a broadening of vision
- Future Evolution of IUScholarWorks
- Q & A

# About myself



- Randall Floyd

- Indiana University Digital Library Program
- Sole developer assigned to services for scholarly communication
- Developer/Database Administrator
- Active in development of our emerging Fedora repository infrastructure



IU ScholarWORKS

# IUScholarWorks

...is a set of services provided by the Indiana University Libraries to make the work of IU scholars freely available.

# IUScholarWorks Repository

Allows IU departments, institutes, centers and research units to easily make their scholarly materials openly available on the web, centrally archived and preserved for the long term.

Powered by...



# IUScholarWorks Journals


Supports the electronic publication of journals, offering a low-cost solution to administrative and publishing functions of managing a journal.

Powered by...




Open Journal  
Systems

# What was the “Old” IUScholarWorks and what was wrong with it?



- ❑ IUScholarWorks was originally just the name for our Institutional Repository based on DSpace
- ❑ Not wrong, just too narrowly focused

# What was the “Old” IUScholarWorks and what was wrong with it?



- The “New” represents an expansion of imagination
- Expanded in scope and services to better encompass scholarly communication
  - ▣ Instead of just an Institutional Repository



# The IUScholarWorks team



- We are a team of borrowed staff
- Still not technically a fulltime effort with its own funding and staffing
- Entire service implemented on IU Digital Library Program servers

# The IUScholarWorks team



- Julie Bobay
  - ▣ Associate Dean for Collection Development and Digital Publishing
  - ▣ Team leader and visionary
- Jennifer Laherty
  - ▣ Reference/Digital Services Librarian
  - ▣ Community liaison, new startups, support
- Randall Floyd
  - ▣ Digital Library Program developer
  - ▣ Implementation, development, support

# Definitions and context



- We define our Institutional Repository as an open access repository for self-submitted scholarly materials
  - ▣ Others have defined it much more broadly as the infrastructure for their overall digital library efforts
- We also have our mature digital library infrastructure, which is currently being reinvented on Fedora
- We ended up with divergent paths for the separate missions of the repositories due to the state of the offerings at that time

# Brief History



- We are already on the “New” IUScholarWorks, but we haven’t been at this very long...

# Brief History



# Assessment: How well are we doing?

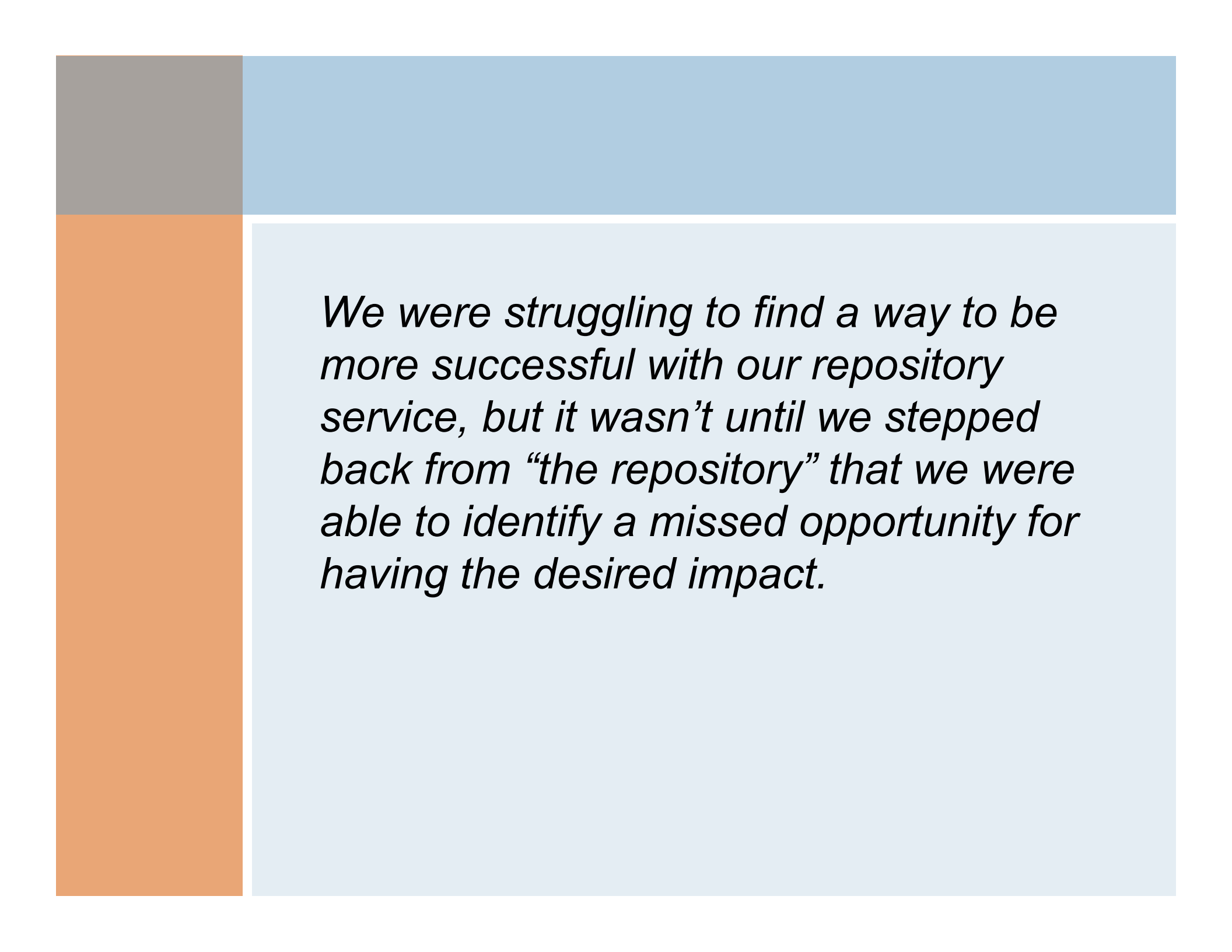


- This part of the presentation is going to sound like many others you've heard on this topic:
  - Greater than expected resource investment
  - Disappointing volume of faculty deposits
  - Difficulties in overcoming copyright issues

# Assessment: How well are we doing?



- By the numbers, we haven't done too bad considering the timeline. However:
  - Uptake of the service by the academic community via self-submission still very slow
  - 80% of the items in IUScholarWorks are not individual faculty submissions, but are submitted by the libraries on behalf of academic departments



*We were struggling to find a way to be more successful with our repository service, but it wasn't until we stepped back from “the repository” that we were able to identify a missed opportunity for having the desired impact.*



# Evolution of IUScholarWorks: New services and a broadening of vision



- We realized that our response to scholarly communication issues had become synonymous with our efforts to build an IR
- We were neglecting an important piece of the puzzle: open access journal publishing
  - We knew that we *eventually* had to get around to addressing journals. But...

# Evolution of IUScholarWorks: New services and a broadening of vision

## We were focused on our IR:

- We seemed to be begging people to overcome the obstacles to deposit in the repository service, even if **we** did most of the work.

## At the same time...

- We had people nearly begging us to help them implement a journal publishing service even if **they** had to do the hard work themselves.

# Evolution of IUScholarWorks: New services and a broadening of vision

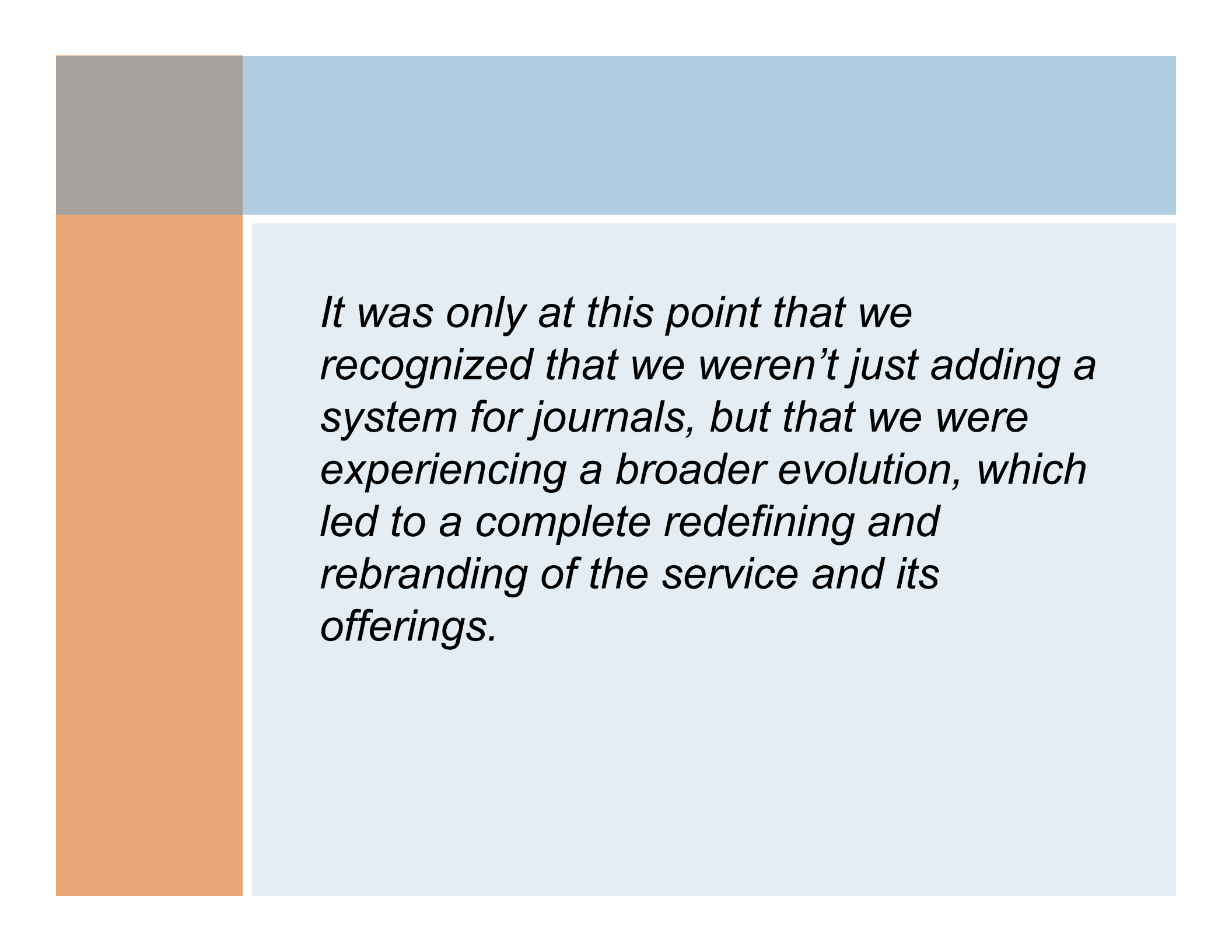


- Initially tried to address journals in DSpace
  - ▣ Presentation and navigation not ideal
  - ▣ Maybe okay for a back file, but not active publication
  - ▣ No tools to support editorial workflow

# Evolution of IUScholarWorks: New services and a broadening of vision



- Began evaluation of OJS and DPubs
- Ultimately selected OJS due to out-of-box simplicity
- Begin working towards a release of new journal service to accommodate our first customer
  - ▣ Museum Anthropology Review
  - ▣ Migration to our service from WordPress to coincide with the first anniversary of Vol. 1



*It was only at this point that we recognized that we weren't just adding a system for journals, but that we were experiencing a broader evolution, which led to a complete redefining and rebranding of the service and its offerings.*

# Evolution of IUScholarWorks: New services and a broadening of vision



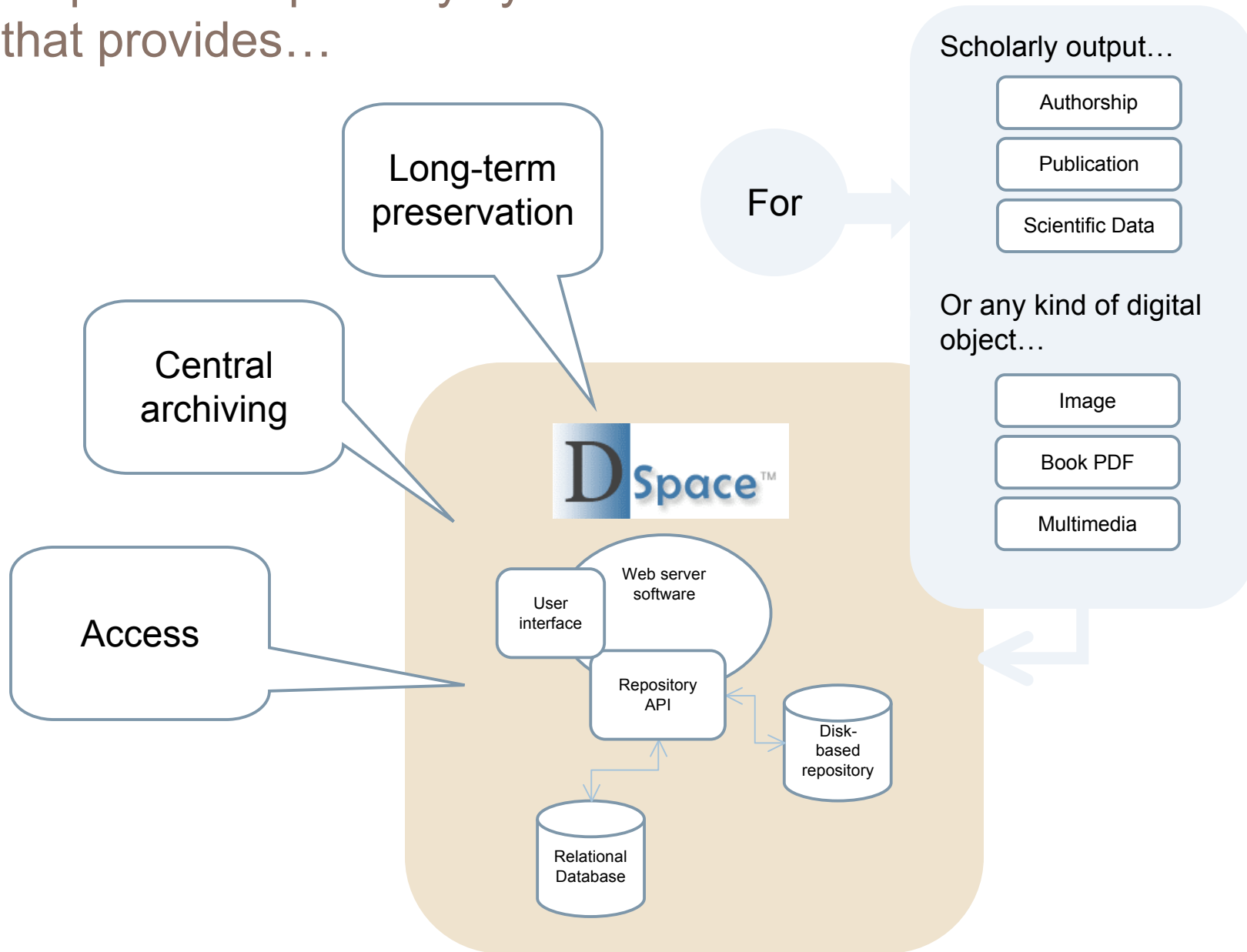
- **IUScholarWorks Repository:** Library-assisted, self-submission Institutional Repository
  - ▣ DSpace
- **IUScholarWorks Journals:** Hosting and support of open access journal publication
  - ▣ Open Journal Systems
- **Convenience services:** Facilitating workflows and easing submission
  - ▣ Locally developed helper services

# Evolution of IUScholarWorks: New services and a broadening of vision



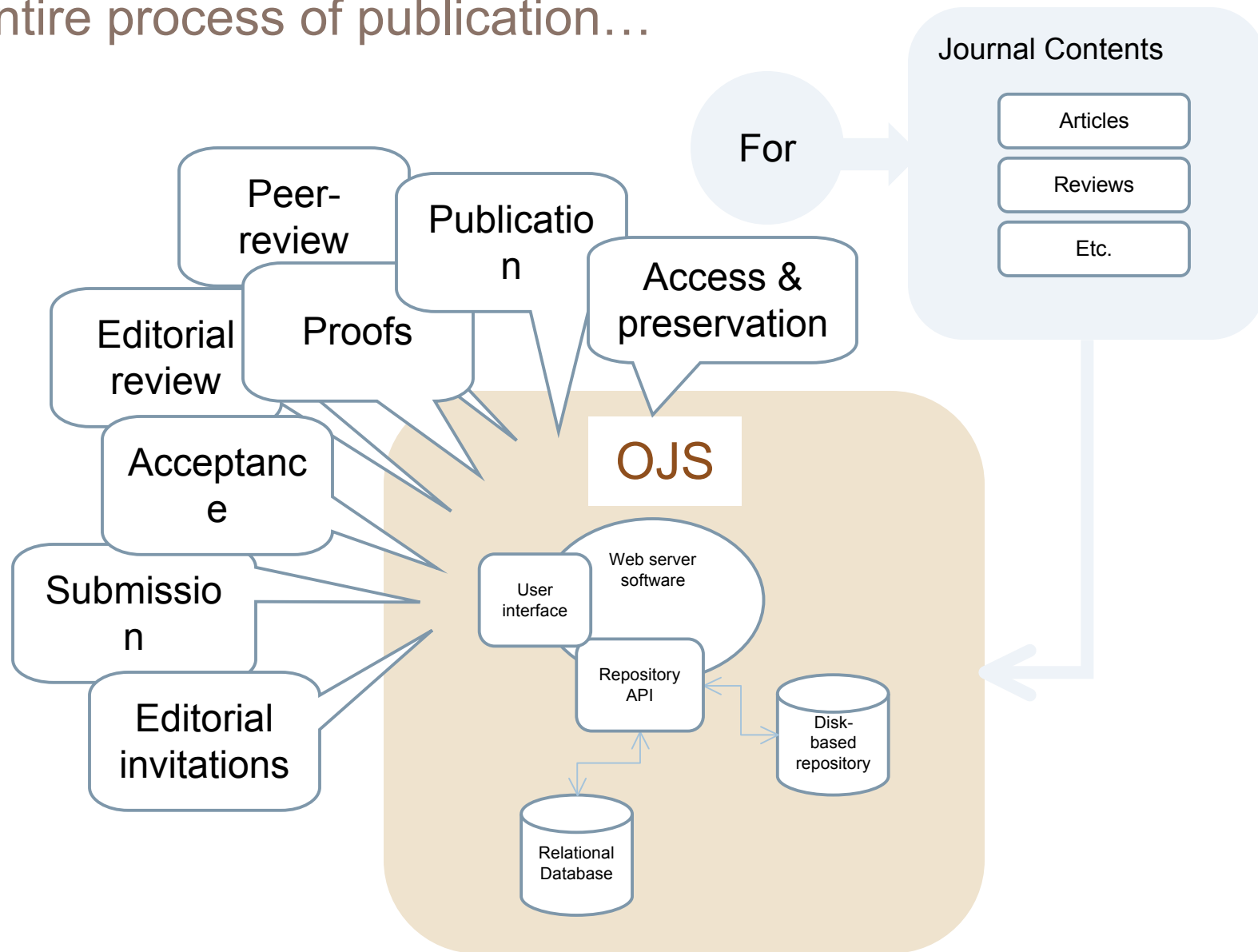
- <http://scholarworks.iu.edu>
- Why two separate systems?

# DSpace: a repository system that provides...





Open Journal Systems: facilitates the entire process of publication...



# Evolution of IUScholarWorks: New services and a broadening of vision



- Convenience services: facilitating workflows and easing submission
  - ▣ Mediated Submission Process
  - ▣ IUScholarWorks Drop Box service

# IUScholarWorks Drop Box Service

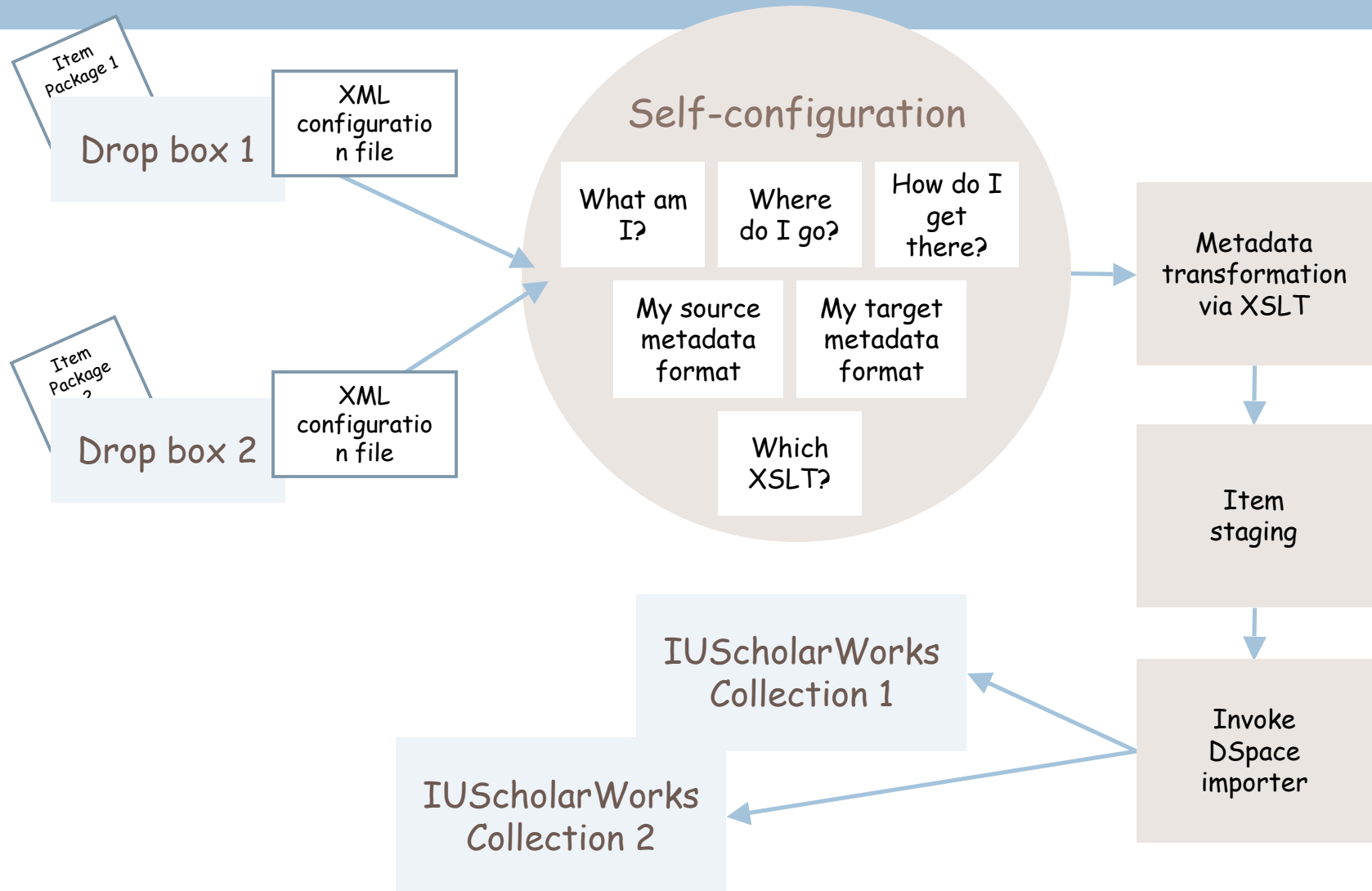


- Allows IUScholarWorks to participate in automated workflows for the ingest of content
- Allows users or processes to simply drop prepackaged items to a folder on a server
  - ▣ XML-based packages then automatically ingested into DSpace

# IUScholarWorks Drop Box Service



# IUScholarWorks Drop Box Service



# Drop Box Service: Journals too!



# Speaking of Journals...



- Museum Anthropology Review: from pilot to production service in one press release!

# Speaking of Journals...



- Surprising response in the press
  - ▣ Our entry into the mounting debate came sooner than later
- What made it unique
  - ▣ The faculty partnership and centrality of purpose



# Future Evolution of IUScholarWorks



- Going beyond online **access**: creating a scholarly communication **experience**
- How can we create desire to participate?
- How can we provide an overall experience that makes content more than just electronic copies of print?

# Future Evolution of IUScholarWorks



- Custom branding: virtual repository interfaces, virtual journals
  - ▣ Offer web and graphic design as part of services

# Future Evolution of IUScholarWorks



- Find ways to jump on the Web 2.0 bandwagon
  - ▣ Will potential participants be more attracted if they know the consumer can play a more collaborative role?

# Future Evolution of IUScholarWorks



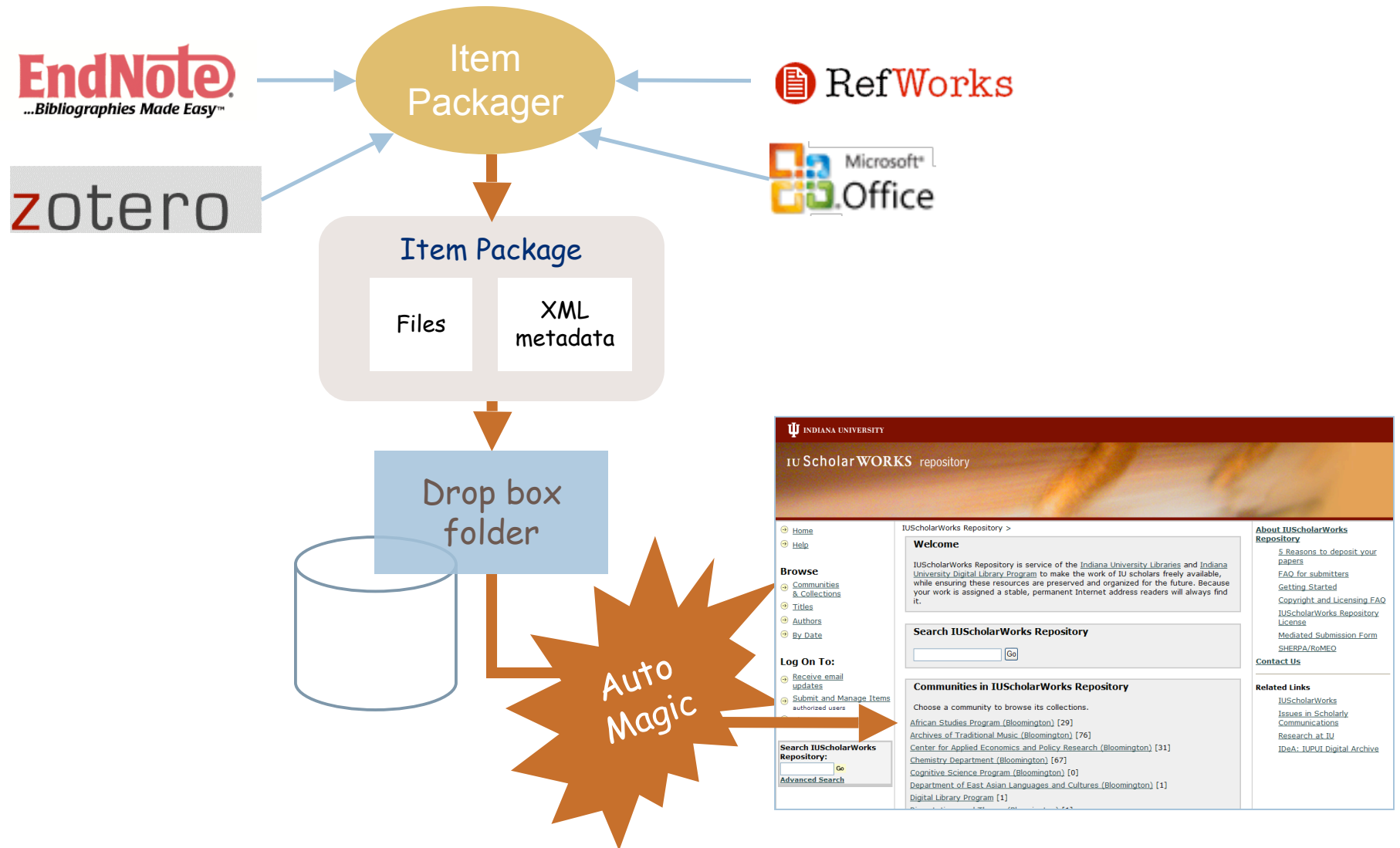
- For a service like this, we have to recognize that cool goes a long way with people
- People don't think as much about the hard stuff we do in the backend, but they like the simple but exciting things we do in the user interface

# Future Evolution of IU ScholarWorks



- Expand convenience services
  - ▣ Develop helper utilities that help feed packages to the Drop Box service

# Item Packager & Drop Box Service



# Closing



- Currently we are still in that difficult phase of trying to capture the output from a traditional model and make it open access
- In the near future we have to provide the means to give scholars the choice of a different model
- Our goal is to be in a position to lead a change when the faculty members are ready to embrace open access models

# Questions?

