Customizing DSpace:
Developing Private Communities & Collections for Future Repository Integrations

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Curation Roadmap Year One

- DSpace Administrator Training
- Merge 2 DSpace Instances
- DSpace Code Customization – Private Communities/Collections
- Implement DSpace 7 Pilot
DSpace Repository Merger
Come In
WE'RE OPEN
Code Customizations

- Resource policy flags private community or collection
- Private content hidden in search results, OAI-PMH, SWORD, & REST API
- Sets default item_read and bitstream_read policies
- Direct links to hidden items show "restricted" messages
- One-click cascading permissions
**Code Customizations**

**Workflow for restricting a community:**

**Default read access on a restricted community:**
Code Customizations

Cascading policies down a community/collection:

System Curation Tasks

Handle of SMAR Tech Object: *
123456789/11

Hint: Enter [your-handle-prefix]/0 to run a task across entire site (not all tasks may support this capability)

Choose from the following groups: *
- Private tasks
- Task: *
- Cascade Policies

Perform
Queue
Project Environment

ATMIRE CODE

GT STAGE

GT PROD
Deployment Strategy
BENEFITS
Project Overall

• First phase of ecosystem improvements complete
• Bridging institutional repository & archives
• Preparation for upgrade to DSpace 7 and re-organization of repository to expand curatorial area
• Preparation for integration work between DSpace and ArchivesSpace
Atmire Partnership

- Committer expertise
- Community knowledge
- Established partnership for future collaboration
- Enhanced Georgia Tech timeline
- DSpace 7 readiness
- Support for software sustainability
Deployment Strategy

• Learning opportunity
• Build in-house expertise for future upgrades
• Code repository documented
• Cybersecurity protocols easily met
• Built understanding b/t technologists & repository managers
COSTS
Project Challenges

- Complex multi-stage deployment
- Pressure on local IT to ramp up quickly
- Atmire & GT moving at different pace
- Difficult procurement process
- Multiple rounds of testing / approval
- Customer service impact
- Communication hurdles
- Cost of customization going forward