Breadth vs. Depth?
Building a Successful Digital Library

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Where We Started

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Shifting Landscape

Mixed Media Journals

*Breac, A Digital Journal Of Irish Studies, http://breac.nd.edu
Related Materials: Any Format

Article

ETD

Statistical Data

Population

Infection Rate

0 2 4

Image Data
Breadth vs. Depth?

• Depth
  – Pros
    • Simple Focus on Single Format or Work Type
    • Advanced Features Available Faster
  – Cons
    • Divergent Solutions between formats
    • Development of one work type lags behind another
    • Difficult to mix content types
    • Danger for Re-work and Redundancies
    • You can spend too much time on the wrong features
Breadth vs. Depth?

• Breadth
  – Pros
    • Wide format support
    • Use Common Services
    • Mixed format collections and works management and publication
  – Cons
    • Difficult to build common services
    • Advanced Features Come Slower
    • Focus can be diluted by too broad a customer base
    • May not meet customers needs

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Overcome the Challenges

• Get Users Engaged Early in the Process
• Focus on a select group of early adopters
• Work Closely with them to target most important features
• Smaller Releases; Release Often
• Build the quickest most influential success stories
We Did This for a Reason Right?
Mixed Architecture
Where We Started
Converging on a Shared Solution

Libra

CurateND

Shared IR Solution

ScholarSphere
Sustain through Community

Project Hydra

• An open architecture, with many contributors to a common core
• Collaboratively built “solution bundles” that can be adapted and modified to suit local needs
• A community of developers and adopters extending and enhancing the core
• “If you want to go fast, go alone. If you want to go far, go together.”
Sustain through Community

Shared IR Project

- Complete Multi-Institutional Collaboration from top to bottom within the Hydra Community
  - Shared Roadmapping and Governance
  - Community and Local Roles (not just developer)
  - Rotate Resources
  - Overlaps of Curate and Sufia
Community Development & Adoption

- Uva Libra2.0
- Cincinnati
- Va Tech
- Northwestern
- Indiana
- Notre Dame CurateND
- Duke
- LSE?
- Penn State

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On the Horizon

• Early Access Release at Notre Dame in November
• Further alignment of Curate and Sufia
• Clear Priorities Heading into the Next Phase
  – ORCID Integration
  – Metrics
  – Submission and Publish Workflows
  – Big Data focused Workflows
  – Media Streaming Integrations
  – Installable Solution Bundle(s)
More Information

- **Shared IR Project**
  - [https://wiki.duraspace.org/display/hydra/Shared+IR+project](https://wiki.duraspace.org/display/hydra/Shared+IR+project)
  - [https://github.com/ndlib/planning/wiki](https://github.com/ndlib/planning/wiki)

- **Code**
  - Curate: [https://github.com/ndlib/curate](https://github.com/ndlib/curate)
  - Sufia: [https://github.com/projecthydra/sufia](https://github.com/projecthydra/sufia)

- **Institutional Sites**
  - Libra: [http://libra.virginia.edu/](http://libra.virginia.edu/)
  - ScholarSphere: [https://scholarsphere.psu.edu/](https://scholarsphere.psu.edu/)
  - CurateND (Alpha site): [http://curate.nd.edu](http://curate.nd.edu)
Questions?

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