

Projects, Data Management, and Publications

Michael McLennan

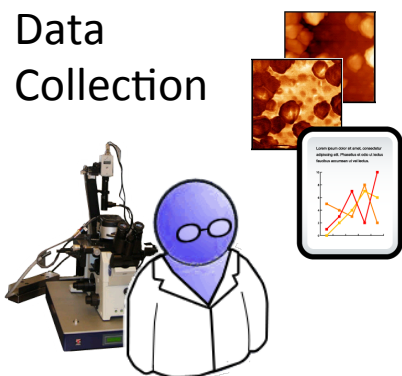
Director, HUBzero® Platform for Scientific Collaboration

Purdue University

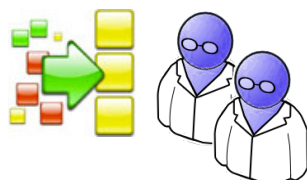
Data Publication



Data
Collection



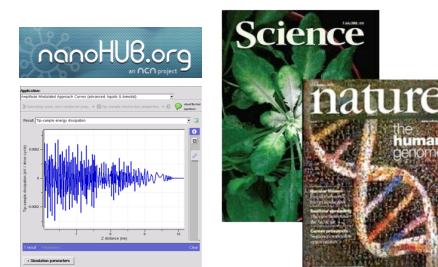
Scientific
Metadata
& Cleaning



Publication
Metadata

Title
Authors
Abstract
License

Publications



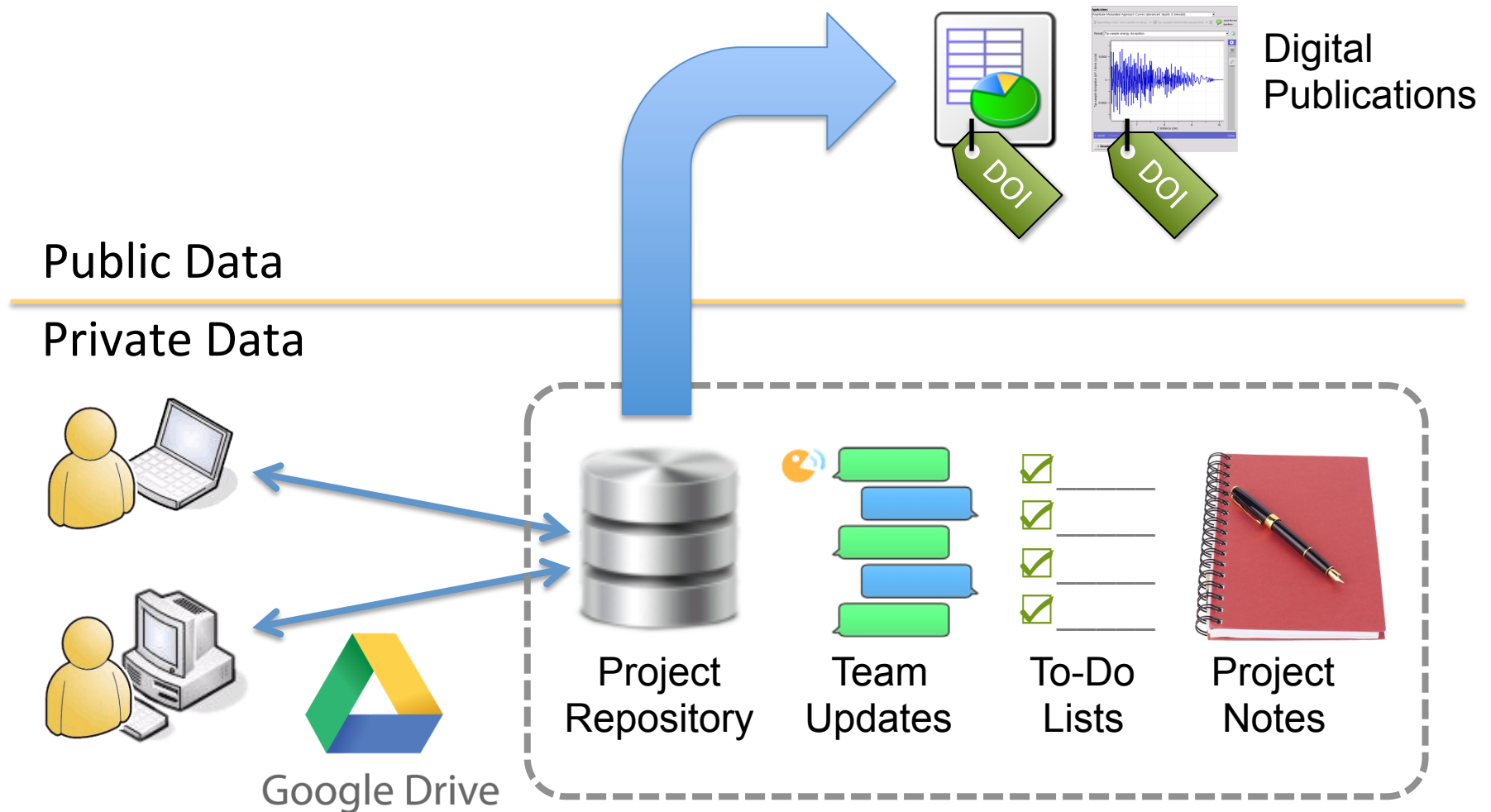
*End-to-End System
Supporting Research*



Digital Publication Process Following Best Practices:

- ✓ Publication process with Digital Object Identifiers (DOIs) from DataCite
- ✓ Library Protocols: COinS / OAI-PMH
- ✓ Coming in Version 1.3: ORCIDs for publication authors
- ✓ Seeking ISO 16363 Certification for Trustworthy Digital Repositories

Anatomy of a Project



Projects vs Groups



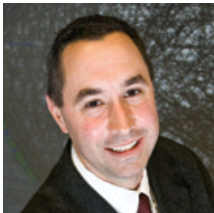
Projects



Groups

| | | |
|------------------|--|--|
| Purpose: | Create and Publish | Share and Be Social |
| Capabilities: | Content creation and project management | Many different functions: Blog, Calendar, Wiki, etc. |
| File repository: | Yes | No |
| Privacy: | Contents are completely private | Contents can be public or private |
| Ownership: | Free-standing or contained within Groups | Free-standing |

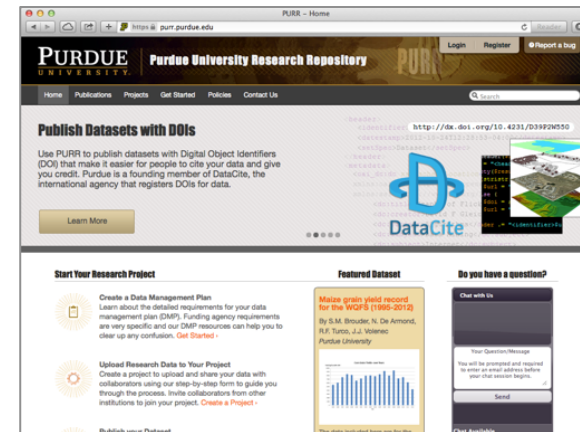
Case Study: PURR



Michael Witt



Purdue University Research Repository



<http://purrr.purdue.edu>

- Data management solution for the masses
- Team effort: Purdue Libraries, Sponsored Programs, VPR, HUBzero
 - HUBzero: web platform with projects, publications, analytics
 - Purdue Libraries: best practices including DOIs, ORCID, OAI
 - Sponsored Programs: bump quota for sponsored projects
 - Office of Compliance: review projects with sensitive data needs
 - VPR: provides funding and oversight
- Seeking ISO 16363 Certification for Trustworthy Digital Repositories

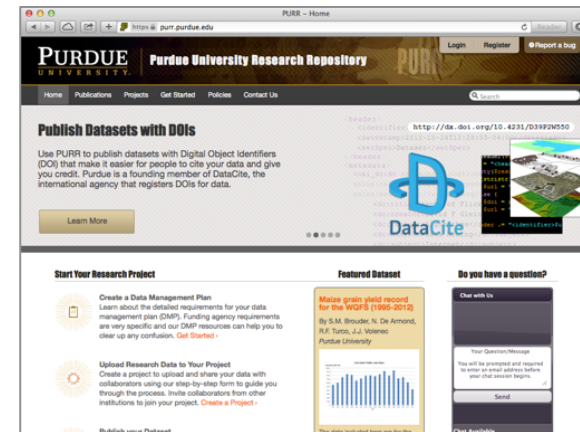
Case Study: PURR



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Purdue
University
Research
Repository



<http://purrr.purdue.edu>

- 1,300+** Proposals using PURR as data mgmt solution
- 469** Total projects
- 1,156** Active researchers (average team size: 5)
- 51,765** Total files

Exercise #3



Create a project, share files, create to-do items, and post updates

