

GKR Mapping Tool

GALILEO Knowledge Repository

GKR Mapping Tool -- Outline

- Introduction
- Background
- What it does
- Who uses it
- How it's used
- More Information

GKR Mapping Tool -- Introduction

- Brad Baxter
 - Application developer for GALILEO
 - With GALILEO from its inception in the mid-1990's
 - Developed idea for mapping tool during early GKR discussions
 - "How hard could it be?"
- Mapping Tool Technology "Stack"
 - Perl, Unix/Linux

GKR Mapping Tool -- Background

- Institutional Repositories (IR's)
 - Locally stored content
 - Locally defined communities/collections
 - Hierarchical relationships
 - DSpace and Digital Commons
- Central GKR Repository
 - Centrally defined collections (disciplines)
 - Content harvested from IR's
 - Content in GKR is mapped to the central disciplines when harvested

GKR Mapping Tool -- What it does

- Keeps track of the relationship between local communities/collections and central ones
- Each member institution's mappings are maintained separately
- Communities and collections are updated from the IR's
- Mappings to GKR are maintained in the mapping tool
- Each institution's staff can log in and update mappings

GKR Mapping Tool -- Who uses it

- GKR Staff
 - Add institutions
 - Add users
 - Update the central disciplines
- Member Institutions' Staff
 - Add users
 - Update local communities/collections
 - Maintain mappings local-to-central
 - Publish mapping data for GKR harvester

GKR Mapping Tool -- How it's used

- Basic Steps
 1. Log in
 2. Update collections and mappings from IR
 3. Review current mappings
 4. Change mappings; add new mappings
 5. Publish changes
- GKR Harvester
 - Reads published mapping data
 - Uses mapping data as lookup table when harvesting an IR's content

GKR Mapping Tool -- More Information

- GALILEO Knowledge Repository
 - <http://www.gaknowledge.org/>
- GKR Initiative Website
 - <http://www.library.gatech.edu/gkr/>
- GKR Mapping Tool Help
 - http://gkr-prod.library.gatech.edu/gkr_mapping
- GKR Mapping Tool "Wiki" Documentation
 - http://gkr-prod.library.gatech.edu/gkr_mapping/wiki/

GKR Mapping Tool

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This presentation: <http://goo.gl/vP4BX>

Thanks!