GKR Mapping Tool

GALILEO Knowledge Repository
GKR Mapping Tool -- Outline

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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!