University of Denver
GIS Metadata Management System

Department of Geography

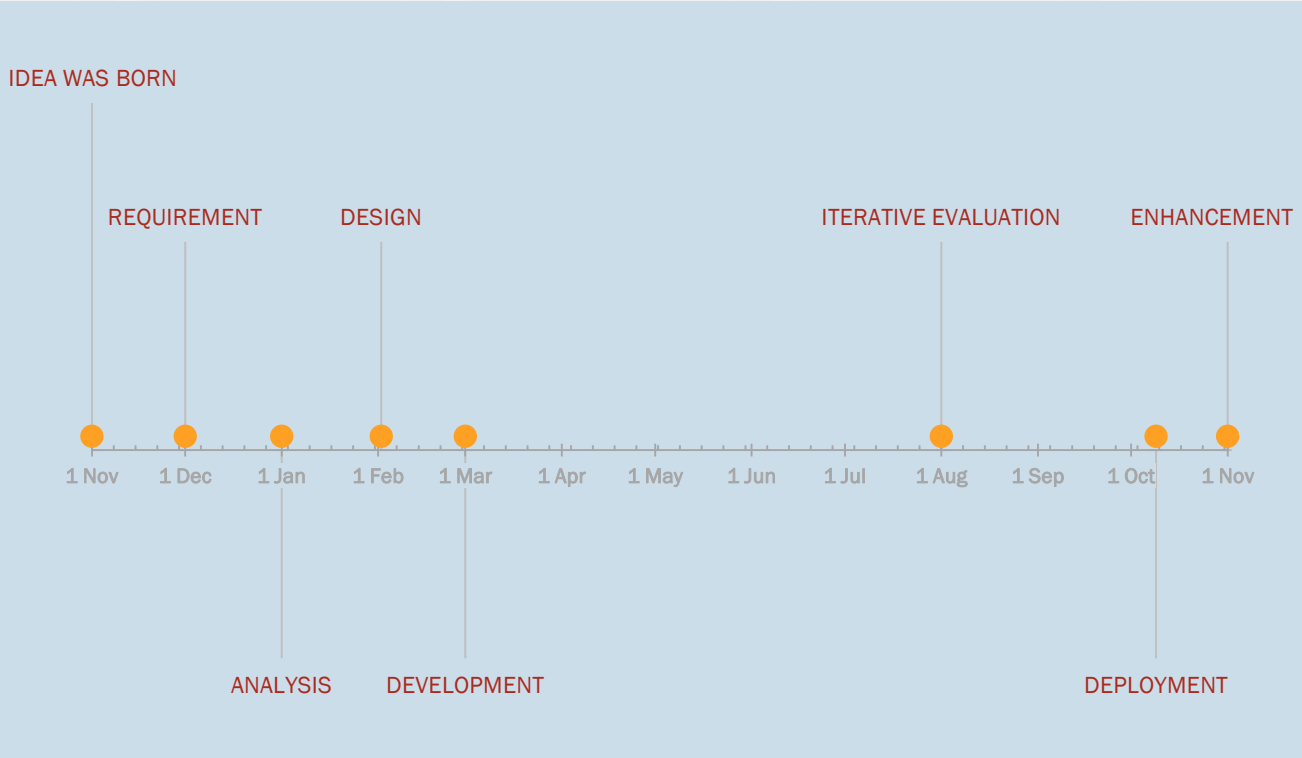
Jing Li, PhD

University Libraries

Sheila Yeh

Fernando Reyes

Milestone


IDEA WAS BORN
REQUIREMENT
DESIGN
ITERATIVE EVALUATION
ENHANCEMENT
1 Nov
1 Dec
1 Jan
1 Feb
1 Mar
1 Apr
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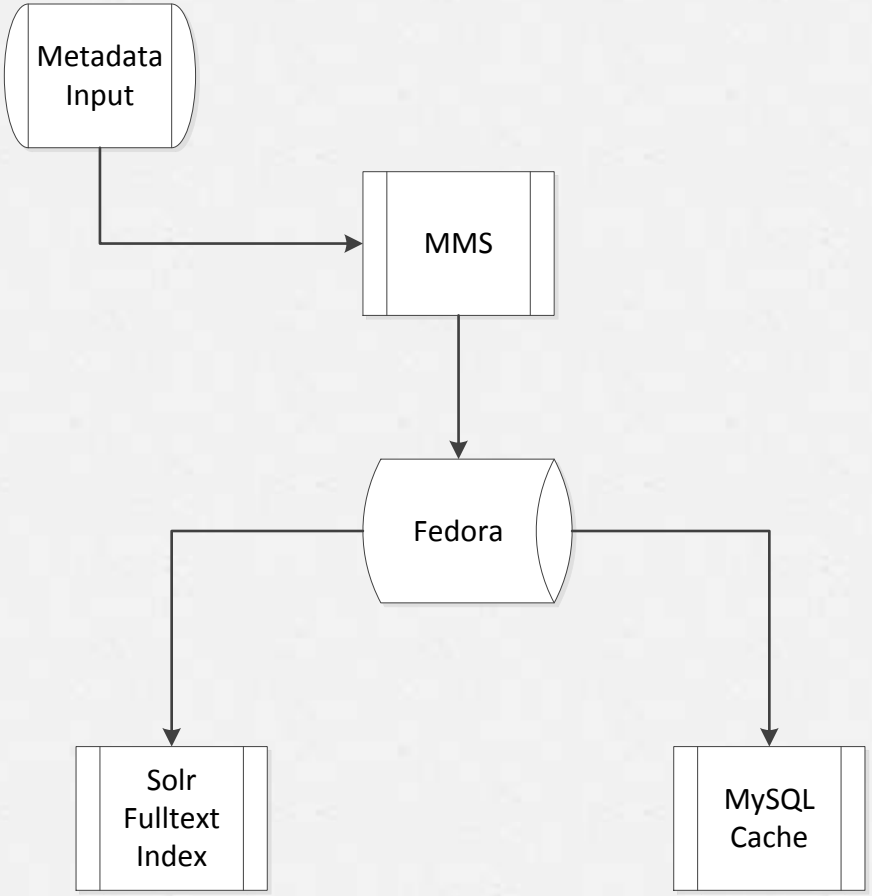
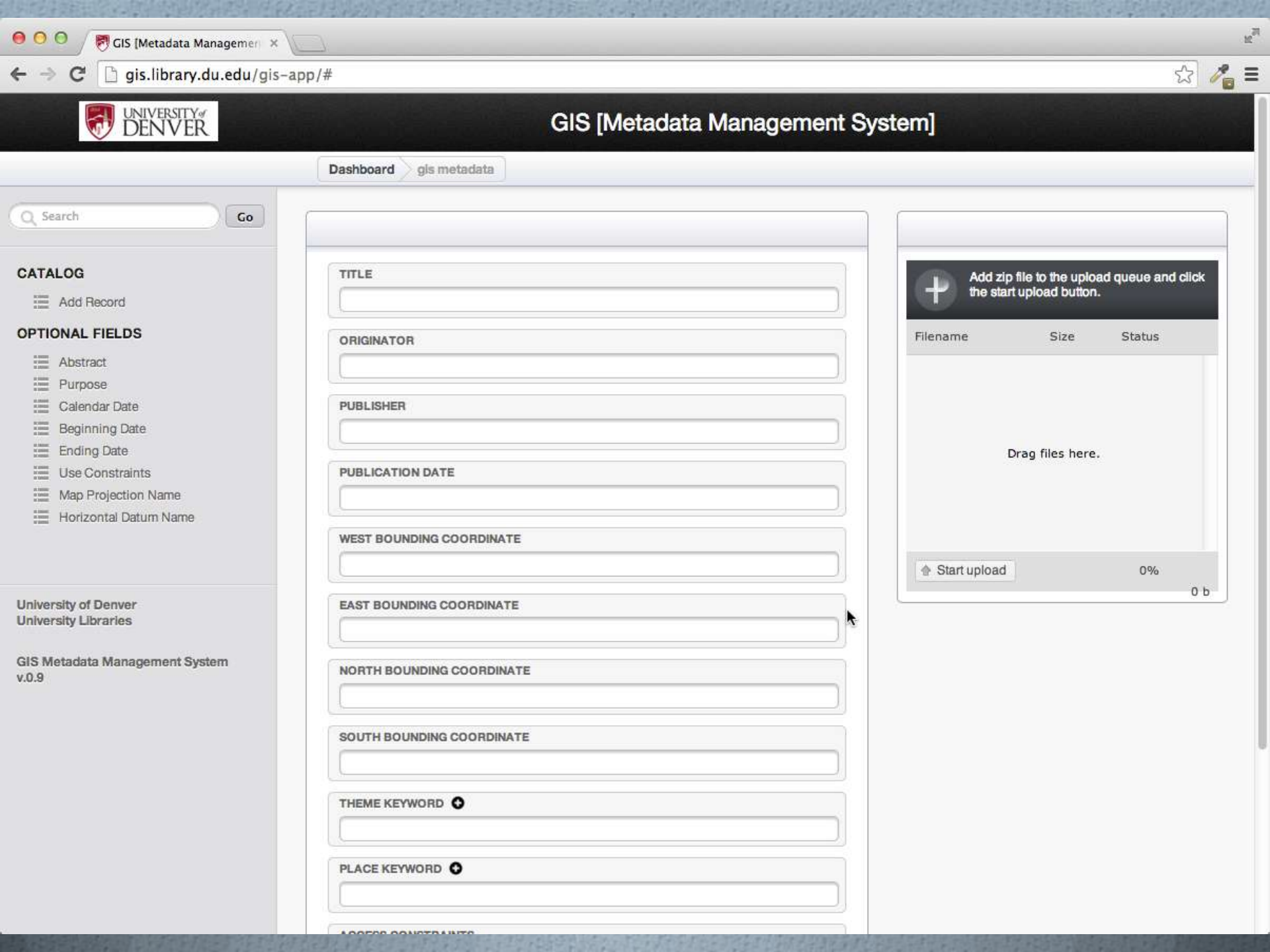
ANALYSIS
DEVELOPMENT
DEPLOYMENT

Metadata Management System (MMS) Architecture



Key Features

- Same architecture as another application (reusability)
- Using the University's IT infrastructure (extendibility)
- LDAP Authentication enabled
- Display GIS metadata standards
- Drag and drop to upload observation data associated with metadata


GIS [Metadata Managemer
gis.library.du.edu/gis-app/#
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GIS [Metadata Management System]
Dashboard
gis metadata
Search
Go
CATALOG
Add Record
OPTIONAL FIELDS
Abstract
Purpose
Calendar Date
Beginning Date
Ending Date
Use Constraints
Map Projection Name
Horizontal Datum Name
University of Denver
University Libraries
GIS Metadata Management System
v.0.9
TITLE
ORIGINATOR
PUBLISHER
PUBLICATION DATE
WEST BOUNDING COORDINATE
EAST BOUNDING COORDINATE
NORTH BOUNDING COORDINATE
SOUTH BOUNDING COORDINATE
THEME KEYWORD
PLACE KEYWORD
Add zip file to the upload queue and click the start upload button.
Filename
Size
Status
Drag files here.
Start upload
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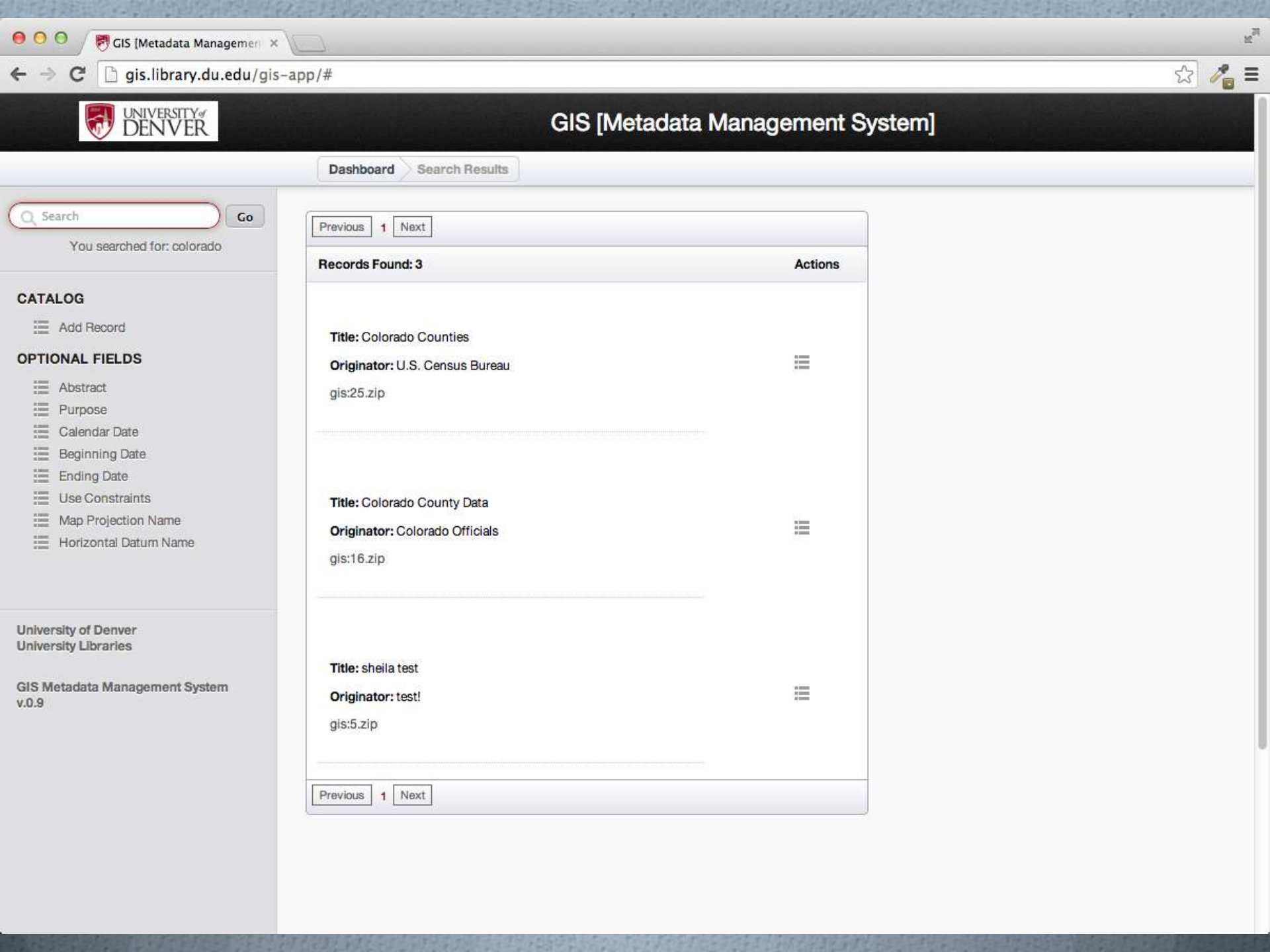
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Dashboard
Search Results
Search
Go
You searched for: colorado
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Previous
1
Next
Records Found: 3
Actions
Title: Colorado Counties
Originator: U.S. Census Bureau
gis:25.zip
Title: Colorado County Data
Originator: Colorado Officials
gis:16.zip
Title: sheila test
Originator: test!
gis:5.zip
Previous
1
Next

GIS [Metadata Management System]

Search Go

You searched for: colorado

CATALOG

- Add Record

OPTIONAL FIELDS

- Abstract
- Purpose
- Calendar Date
- Beginning Date
- Ending Date
- Use Constraints
- Map Projection Name
- Horizontal Datum Name

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BACK TO SEARCH RESULTS

TITLE:
Colorado Counties

ORIGINATOR:
U.S. Census Bureau

PUBLISHER:
Census MAF/TIGER database

PUBLICATION DATE:
04/01/2012

WEST BOUNDING COORDINATE:
-109.066811

EAST BOUNDING COORDINATE:
-102.040878

NORTH BOUNDING COORDINATE:
41.003444

SOUTH BOUNDING COORDINATE:
36.992424

THEME KEYWORD:
State

THEME KEYWORD:
County

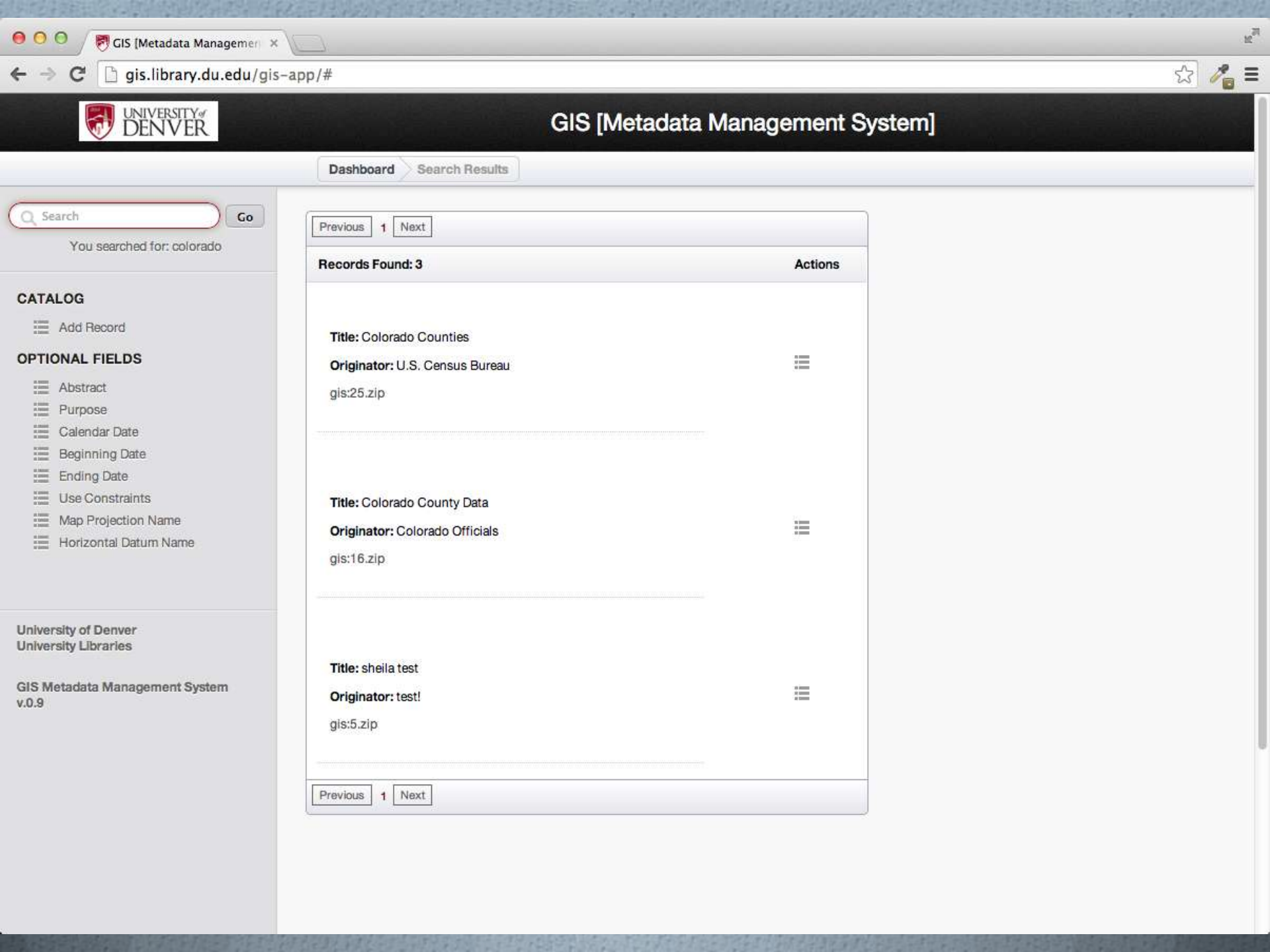
PLACE KEYWORD:
Colorado

PLACE KEYWORD:
United States

ACCESS CONSTRAINTS:
Public

DATA QUALITY:
Coordinates in the TIGER/Line shapefiles have six implied decimal places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest

PID:
gis:25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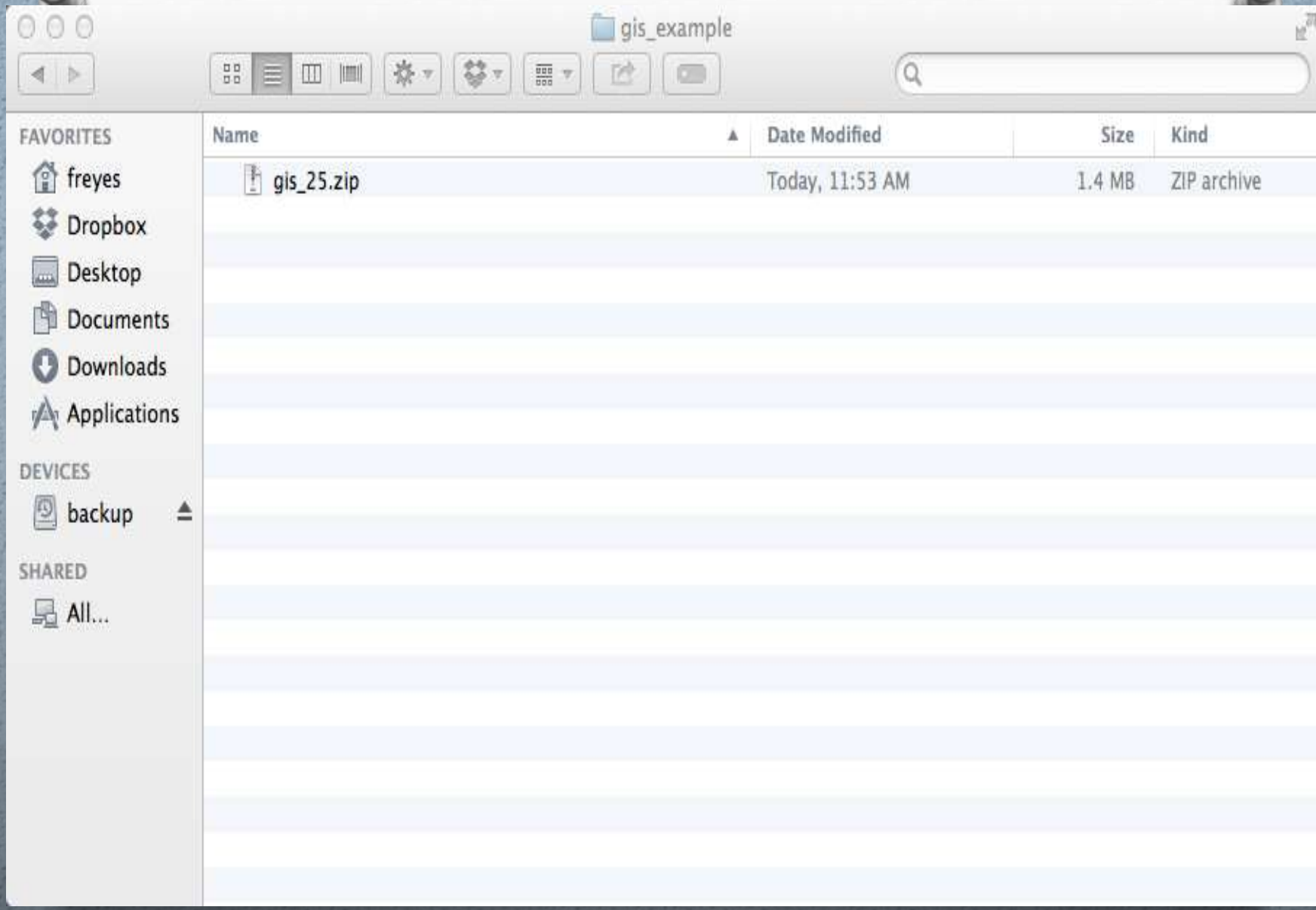
gis_example
FAVORITES
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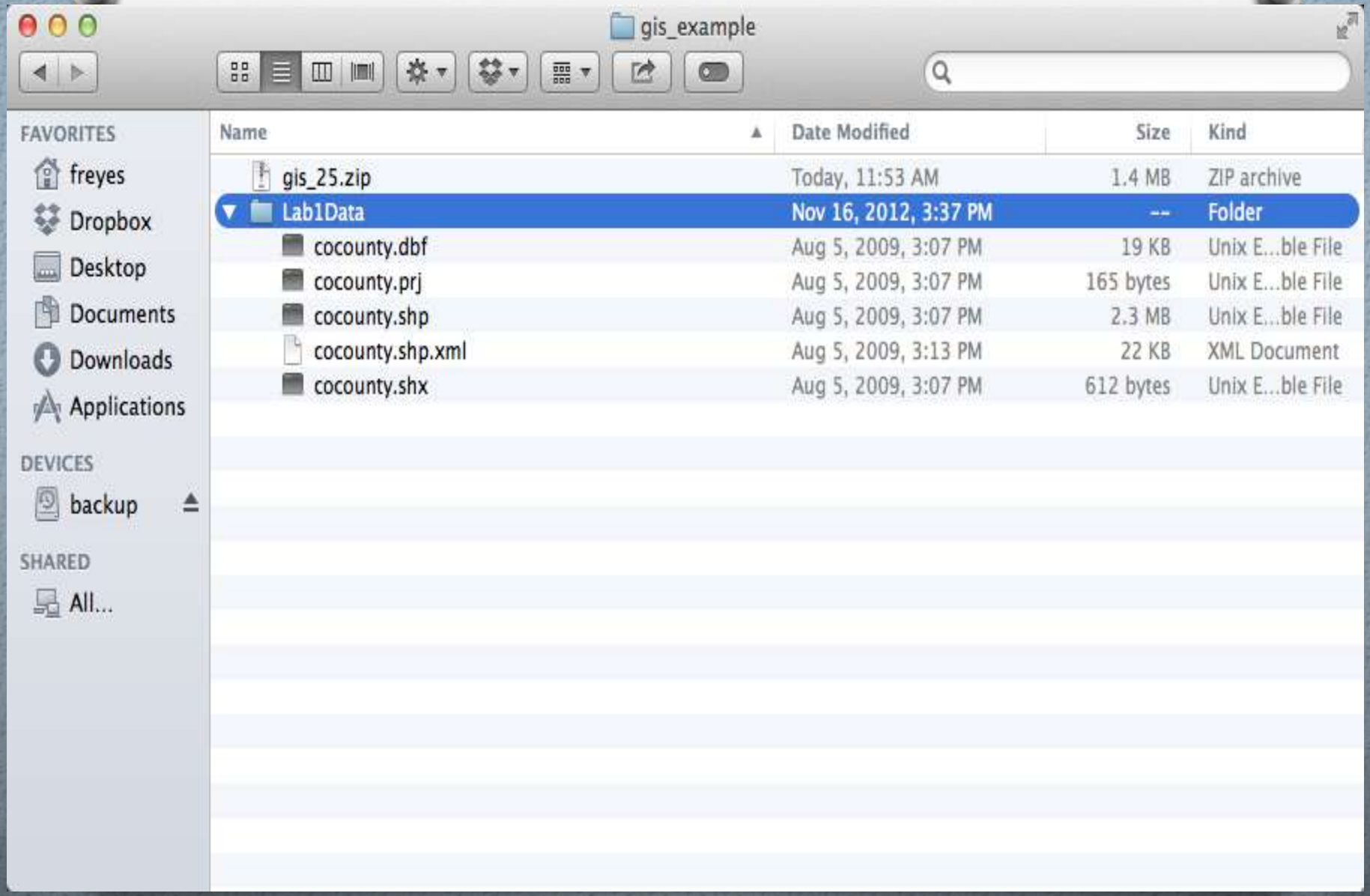
Dropbox
Desktop
Documents
Downloads
Applications
DEVICES
backup
SHARED
All...
Name
Date Modified
Size
Kind
gis_25.zip
Today, 11:53 AM
1.4 MB
ZIP archive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Dropbox
Desktop
Documents
Downloads
Applications
DEVICES
backup
SHARED
All...
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Date Modified
Size
Kind
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ZIP archive
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XML Document
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612 bytes
Unix E...ble File

Thank you!

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fernando.reyes@du.edu