

Water Conservation Clearinghouse

Digital Library

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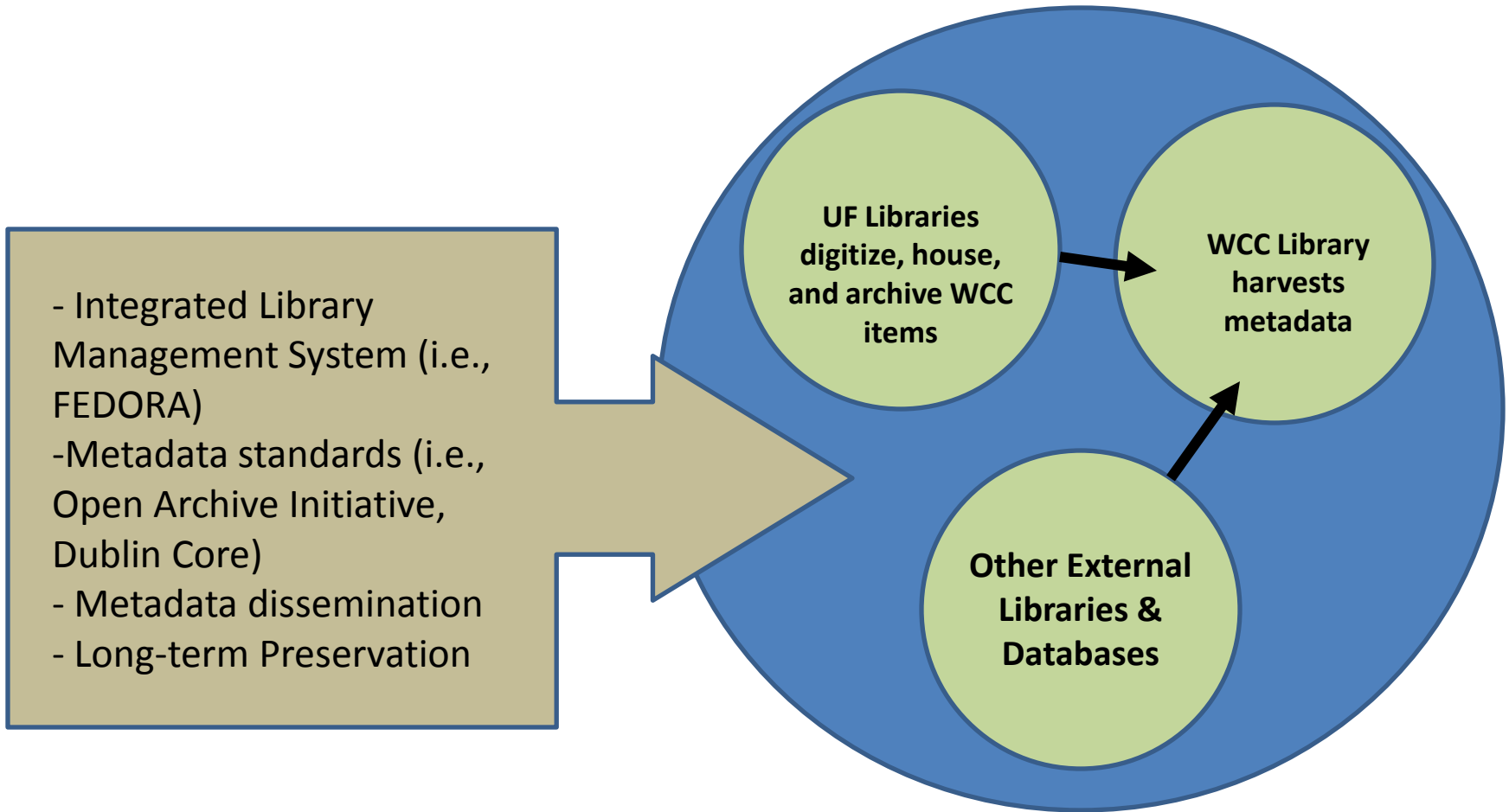
Water Conservation

- Library
 - Collaboration with University of Florida Libraries
 - Examples
- Integrated Data Infrastructure
 - Data sources
 - Data Access

Collaboration with UF Libraries

- Access to digitizing facilities
- Use of standard formats for metadata exchange
- Could take advantage of the **Florida Digital Archive** as a long-term preservation repository
- Support from the **Florida Center for Library Automation (FCLA)**
- Copyright expertise

Advantages of Collaboration



UF – Digital Library Center (DLC)

- Develop a collection of WCC materials with its own interface that integrates with UF's digital collections
- **Copy Control** tracks materials and provides bibliographic metadata for WCC materials.
- The **Imaging Unit** provides flat-bed scanning of documents.
- **Text Processing** converts page images to searchable text and mark-up. Advanced optical character recognition (OCR) systems are used to convert texts and a series of state-of-the-art programs facilitate mark-up.
- The **Quality Control Unit** ensures the quality of digital products: visual, textual and metadata.

Examples of DLC work

- [University of Florida Digital Collections \(UFDC\)](#)
 - At least thirty collections on: Arts, Humanities and Social Sciences; Science and Technology; Maps; Florida; and World.
- [Publication of Archival, Library & Museum Materials \(PALMM\)](#)
 - Archives Florida; Textual Collections; Aerial photography Florida; Florida Environments Online; The Everglades Digital Library(EDL)

For More Information

- UF Digital Library Center:

<http://www.uflib.ufl.edu/digital/organization/>

– UFDC: <http://www.uflib.ufl.edu/UFDC/>

– PALMM: <http://palmm.fcla.edu/>

- Florida Center for Library Automation:

<http://www.fcla.edu/FCLAinfo/aboutus.html>

Data Infrastructure

- Link to original source when available, otherwise maintain local copies of databases
- Data sources:
 - Guide Users Database
 - Water Utilities Data (FDEP)
 - Yearly Flow Data and Monthly Operational Reports
 - Tampa Retrofit Database (Aquacraft Study)
 - Tampa Bay Water
 - Hillsborough County Utility

Data Access

- Various source formats (text, csv, Excel, Access) must be standardized and stored on a relational database server to facilitate information exchange
- In-house access for research and analysis
 - Queries to obtain desired data subsets
- Online access from library web interface
 - Relate database entities with library resources