

Center for Research and Development of Digital Libraries
University of North Carolina at Chapel Hill
September 7th, 2007

Carolina Digital Library Project

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Carolina Digital Library

Development of UNC digital library

- increasing UNC needs in the digital library area;
- increasing number of different solutions and technologies introduced to fulfill these needs;
- conflict between grant funding approach to digital initiatives and institutional ability to preserve new knowledge and technology developed during these projects, ensure sustainability and dissemination of results;
- need to consolidate and maximize available resources so that we can overcome the technological/knowledge entry barrier to UNC leadership in the digital library area.

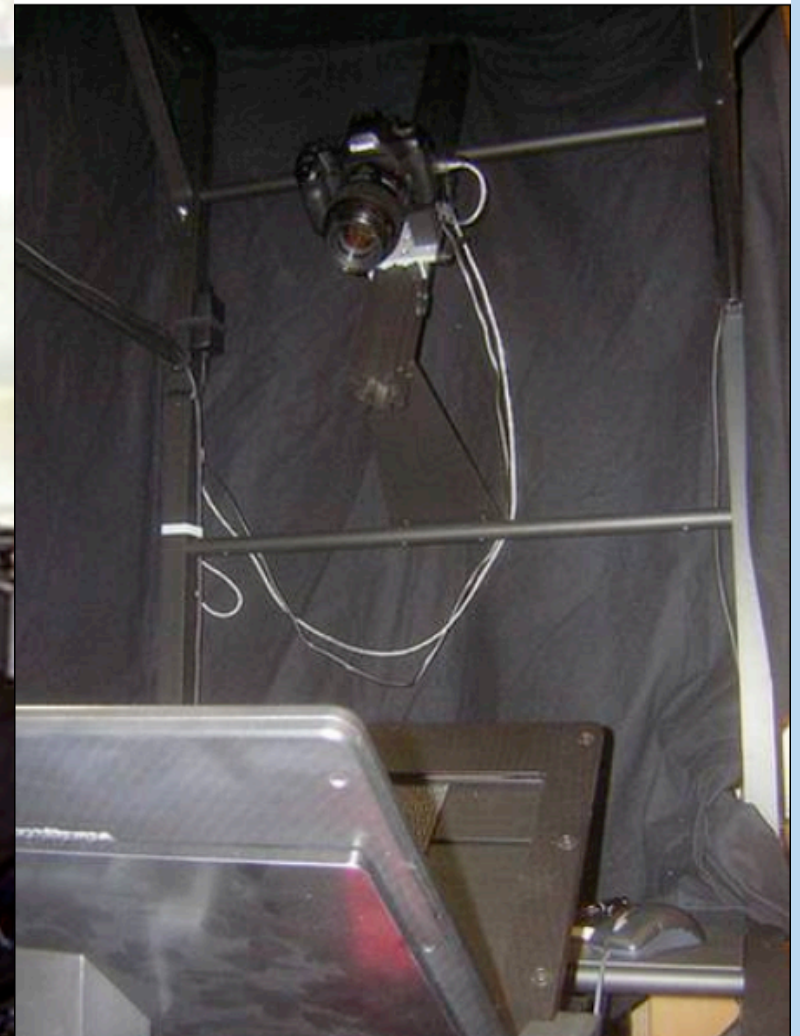
Carolina Digital Library organizational chart



Digital Production Center



“Scribe” project with Internet Archive



Digital curation skills – interdisciplinary approach

Library science

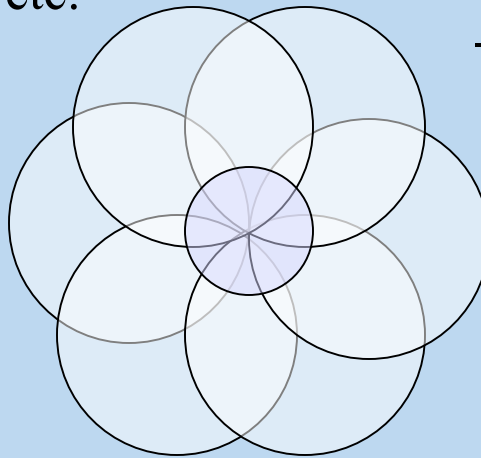
- cataloging/metadata
- indexing
- collection dev.
- rare books, etc.

Research methods

- analysis
- synthesis
- evaluation
- interpretation
- scenario modeling/forecasting+

Archival science

- collection levels and principles
- description
- finding aids, etc.



Administration & leadership

- change management
- project management
- communication, etc.

Online publishing

- digitization processes
- XML, encoding schemas
- presentation of various types of material online
- access interfaces and navigation principles, etc

IT/Programming

- digital library architecture and platforms
- databases, computer networks, protocols, Internet
- programming languages and approaches, etc.



Collaboration between SILS and digital library

- student participation in the digital library operations

digital conversion; metadata works; digitized material processing and upload to the information retrieval systems; support to digital library staff in acquisition of material and other work flows; participation in programming and research projects, etc.

- cooperation in the digital library development efforts

digital library/institutional repository online publishing platform development; integration of the digital library platform with the OPAC; metadata production, aggregation, access, sharing and management issues (work flows, standards, tools); digital preservation, etc.

- cooperation in the digital library research efforts

applied (Scribe output, DL interfaces/navigation, browsing and searching solutions) and basic research projects in DL area; monitoring of digital initiatives, funding trends, R&D projects, best practices, standards development; Web 2.0, data mining, GIS, etc.



Thank you... Questions?

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