#### Enduring Access to Digitized Books: Organizational and Technical Framework

Oya Y. Rieger Bill Kehoe Cornell University Library



Microsoft Live Books: 100,000 public-domain books Google Book Search: 500,000 library materials





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#### Library Communications

FOR RELEASE: Oct. 17, 2006

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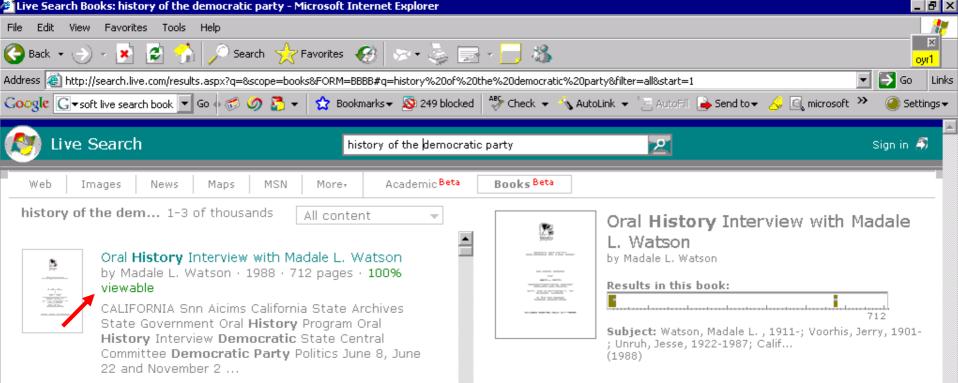
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Cornell University Library announces partnership with Microsoft that will allow global access to its world-class resources

ITHACA, N.Y. — Cornell University Library will soon be able to offer more of its exceptional resources to scholars worldwide, thanks to a long-term partnership with Microsoft to digitize a significant number of its books and to put the volumes online using Live Book Search service.





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Summary

#### **Democratic Party** Politics and Environmental Issues in California, 1962-1976 172 pages · 100% viewable

John Roger Boas, "Democratic State Central Committee Chairman, 1968-1970," an oral history conducted in 1982 by Sarah Sharp, in Democratic Party Politics and Environmental Issues in California, 1962 ...



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🌈 Start

It's a Girl: Three Terms On **the** Los Angeles City Council, 1953-1965; Three Decades in **the** Democratice **Party**, 1948-1978

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🅎 Rieger, Oya - A... 🛛 🛞 Eudora - [In]

Mrs. Watson discusses her work for James Harvey Brown's campaigns for the Fifty-sixth Assembly District, her appointment to the Democratic State Central Committee in 1950, and running unsuccessfully for the Fifty-eighth Assembly District in 1952. In addition to her political involvement Mrs. Watson is active in community affairs.

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#### Live Search THE OFFICIAL BLOG OF THE LIVE SEARCH TEAM AT MICROSOFT

Friday, May 23, 2008 7:45 AM by livesearch

#### Book search winding down

Today we informed our partners that we are ending the Live Search Books and Live Search Academic projects and that both sites will be taken down next week. Books and scholarly publications will continue to be integrated into our Search results, but not through separate indexes.

This also means that we are winding down our digitization initiatives, including our library scanning and our in-copyright book programs. We recognize that this decision comes as disappointing news to our partners, the publishing and academic communities, and Live Search users.

Given the evolution of the Web and our strategy, we believe the next generation of search is about the development of an underlying, sustainable business model for the search engine, consumer, and content partner. For example, this past Wednesday we announced our strategy to focus on verticals with high commercial intent, such as travel, and offer users cash back on their purchases from our advertisers. With Live Search Books and Live Search Academic, we digitized 750,000 books and indexed 80 million journal articles. Based on our experience, we foresee that the best way for a search engine to make book content available will be by crawling content repositories created by book publishers and libraries. With our investments, the technology to create these repositories is now available at lower costs for those with the commercial interest or public mandate to digitize book content. We will continue to track the evolution of the industry and evaluate future opportunities.

As we wind down Live Search Books, we are reaching out to participating publishers and libraries. We are encouraging libraries to build on the platform we developed with Kirtas, the Internet Archive, CCS, and others to create digital archives available to library users and search engines.

In partnership with Ingram Digital Group, we are also reaching out to participating publishers with information about new marketing and sales opportunities designed to

#### **Preservation Framework**

- 1. Organizational policy
- 2. Technological infrastructure
- 3. Resource requirements
- 4. Access mandate

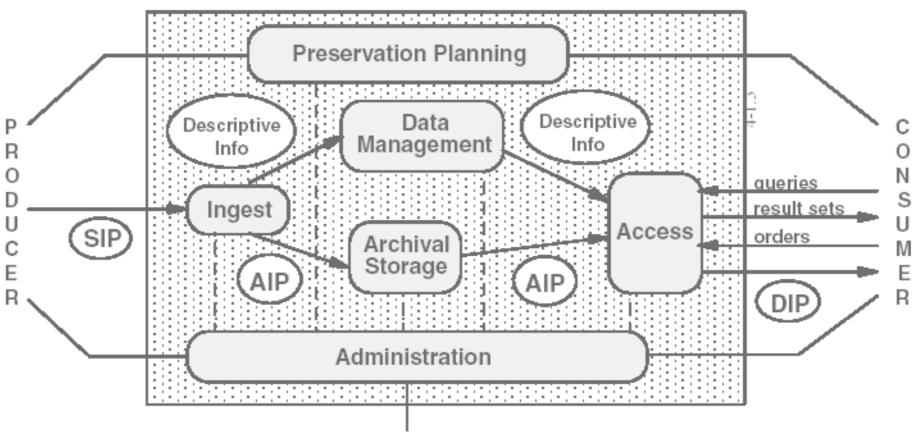
# **1. Organizational Policy**

- Preservation mandate
- Policies & operating principles
- Implementation
  - Responsibility
  - Authority & accountability
  - Assessment

## 2. Technological Infrastructure

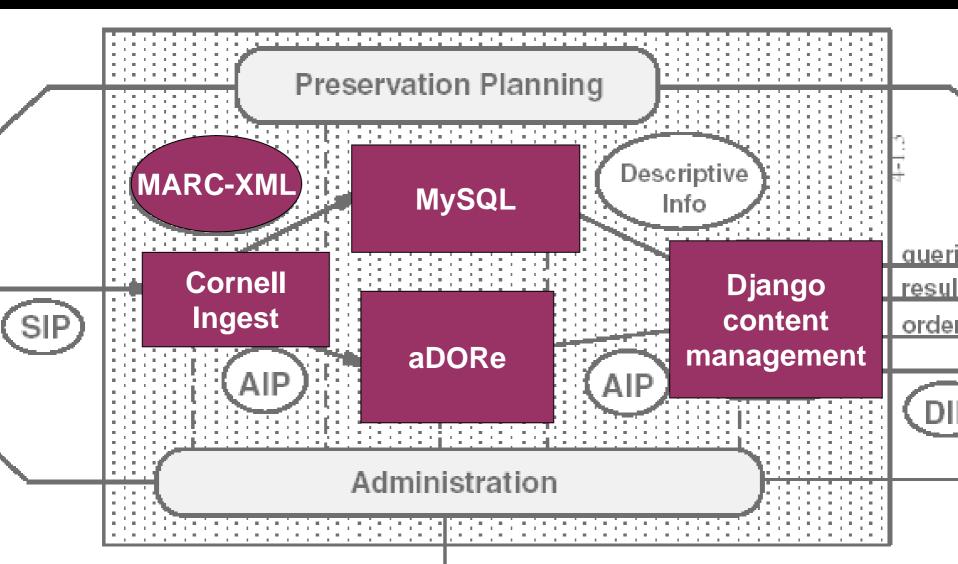
- OAIS-influenced digital repository architecture
- aDORe
- JP2
- Physical Storage

#### **OAIS Architecture**

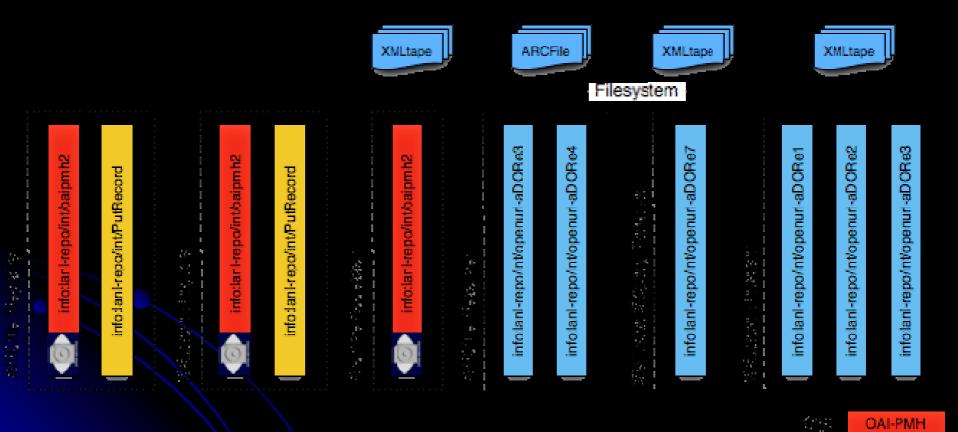


MANAGEMENT

### **OAIS Architecture**



#### aDORe



OpenURL

PMPRecord

#### JPEG to JPEG2000

THE Old-Irish poem here printed and translated for the first time has for its theme the disappearance of the pagan world of Ireland and the triumph of Christianity, as exemplified by the deserted ruins of the ancient hillfort of Alenn contrasted with the flourishing state of the neighbouring Kildare. Indeed the poem reads like an amplification of Oengus' lines in the Prologue to his *Félire*:

Borg Ailinne úallach atbath lia slóg mbágach: is mór Brigit búadach, is cáin a rrúam dálach.1

'Alenn's proud citadel has perished with its warlike host: great is victorious Brigit, fair is her multitudinous cemetery.'

The hill of Alenn,<sup>2</sup> now called Knockawlin,<sup>3</sup> is situated in the county of Kildare, not far from Old Kilcullen, and still contains vestiges of what was the largest fort in Ireland after Emain Macha. It has often been described.<sup>4</sup>

<sup>1</sup> See The Martyrology of Oengus, ed. by Wh. Stokes, 1905, p. 25.

<sup>2</sup> This is the oldest form of the name, a feminine  $\bar{u}$ -stem, making its genitive Alinne and its dative and accusative Alinn. Forms with ll appear early, and in the latter half of the ninth century the genitive Alend occurs, as if the nom. were Aliu. See RC. XX, p. 10 (*i n-6enuch Alend*) and LL 45 b (Énna Ailend, spelt Aillenn 393 a).

<sup>3</sup> By folk-etymology, as if Cnoc Álainn 'Delightful Hill'.

<sup>4</sup> As e. g. by the late Mr. T. O'Neill Russell in CZ. IV, p. 340. 1

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### 3. Resource Requirements

- Cost categories
  - Administrative
  - Operational
  - Ongoing maintenance & development

#### 4. Access Mandate

- Copyright and other contractual restrictions
- Demand for print in the age of digital books
- Enduring online access
- Enhancing scholarship & research

## **Concluding Remarks**

- Special collections and archival materials
- Evolving scholarly needs and practices
- Collaborative planning among peer institutions
- Related initiatives:
  - Towards Interoperable Preservation Repositories
    - Florida Center for Library Automation, Cornell University Library, New York University Libraries
  - Developing a Prototype Preservation Model for Digital Books
    - Portico, Cornell University Library