



Digital Objects Management

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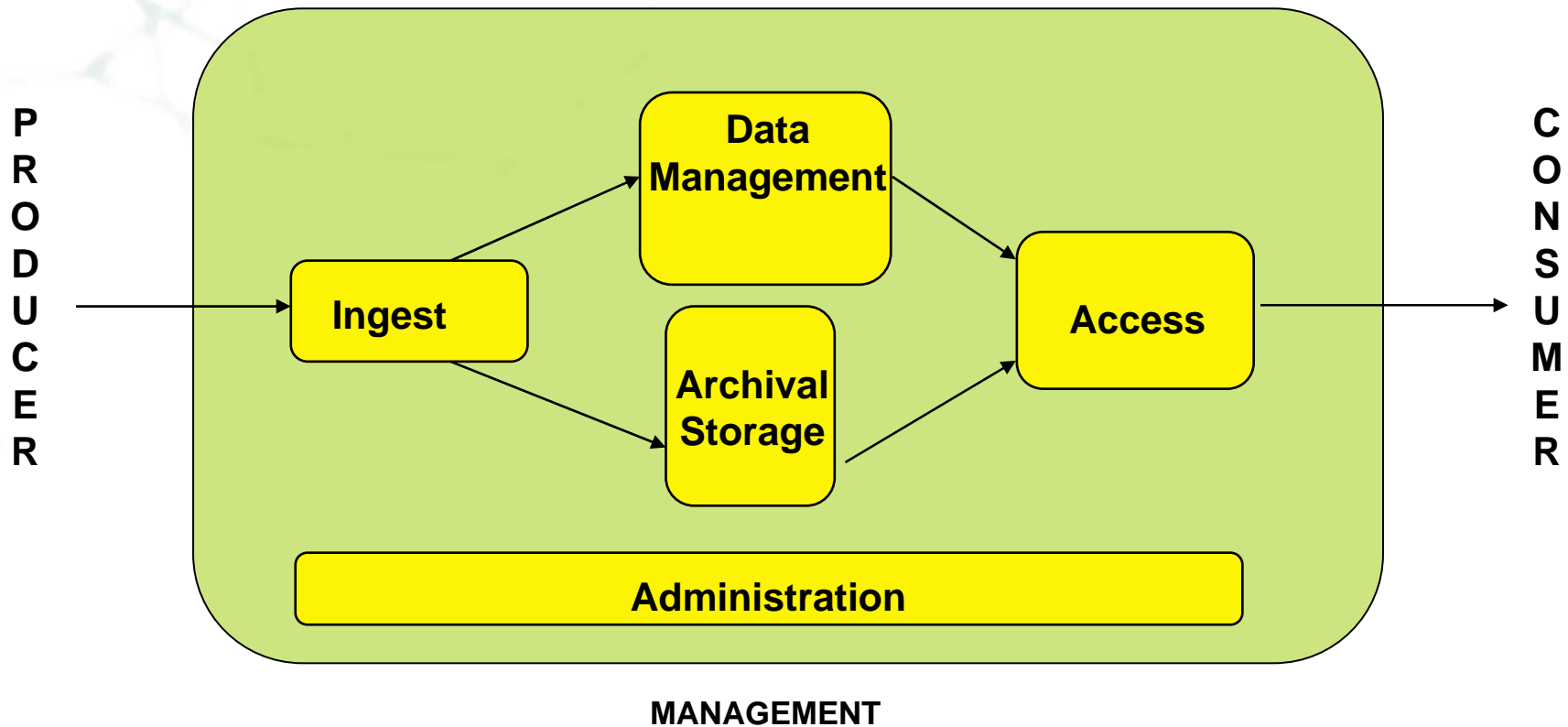
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Outline

- Needs for digital object management
- Case: Open Access
- Role of the National Library

What is digital object management

- Curation of digital collections that are owned, stored and managed by the library



Types of Digital Collections

(In an typical institution of HE or research)

- Electronic Theses and Dissertations
- Institutional Repositories / Parallel publication
- Original Publications (journals, series)
- Research Data
- Digitized collections

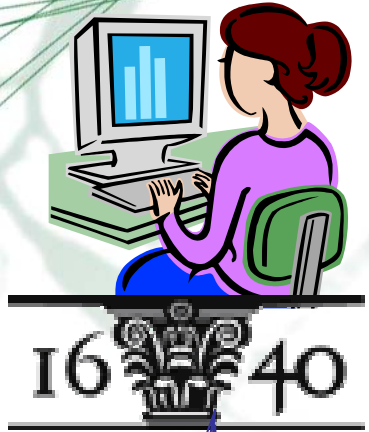
Digital Collections in the National Library of Finland

- Electronic Legal Deposit
 - Deposited E-books etc.
 - Web harvesting
- Digitized Cultural Heritage
 - Newspapers, Ephemera (<http://digi.lib.helsinki.fi>)
 - Sound recordings (<http://www.doria.fi/raita>)
 - Rescued Books (<http://www.rahasto.kansalliskirjasto.fi/pelastakirja/>)

Institutional Repositories & ETD Archives

- Principle of Open Access
- Part of the wider "Open" ideology: open content, open data, open source, etc.
- Endorsed by the Finnish Ministry of Education, & Council of University Rectors
- Focus on *open* and *scientific* documents
 - But sometimes just "as open as possible"; and "relating to science"
- *OAI-PMH*: metadata open for exploitation
- data providers for service providers

SERVICE PROVIDERS



SUBJECT
GATEWAY



LEARNING
ENVIRONMENT

DATA PROVIDERS



NLF Repository Platform Service

- Developed by the NLF
- Similar approaches, e.g.
 - Texas Digital Library (<http://repositories.tdl.org/>)
 - Bibsys Brage in Norway (29 HE institutions)
- Based on DSpace (<http://www.dspace.org>)
- NLF provides the platform, libraries provide the contents
- <http://oa.doria.fi>

Interoperability is important

- Accessed through the Nelli Portal
 - Links in the Library Catalogue, when appropriate
 - Persistent Identifiers (Handle, URN)
 - Indexed by Google etc.
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- NLF recommendations for metadata format
 - Nordic coöperation in standardization & interoperability

In the (near) Future

- More Service Provider services
 - E.g. an index of all dissertations on a subject
 - Customized services to different kinds of patrons
- More parallel publishing
 - Researchers need education, incentive, and sanctions