ICA Africa Programme
Programme pour l'Afrique

ICA Training Programme
Programme de Formation

Digital Records Curation Programme

Week 7:
Digital Repositories: Selection, Transfer and Ingest

Week 6 Recap

What did you learn?

- Class on Digital Preservation
- Class on Information Security

Learning Outcomes

At the end of this class, students should be able to:

- understand what a digital repository is, and understand how a TDR is a distinct kind of digital repository
- understand the functions of a digital repository (OAIS functional model)
- understand information packages (OAIS data model), why they are important and how they are used
- demonstrate awareness of the different approaches to assessing and certifying TDRs
- understand the challenges to implementing and managing TDRs
- demonstrate awareness of approaches to the appraisal of digital records

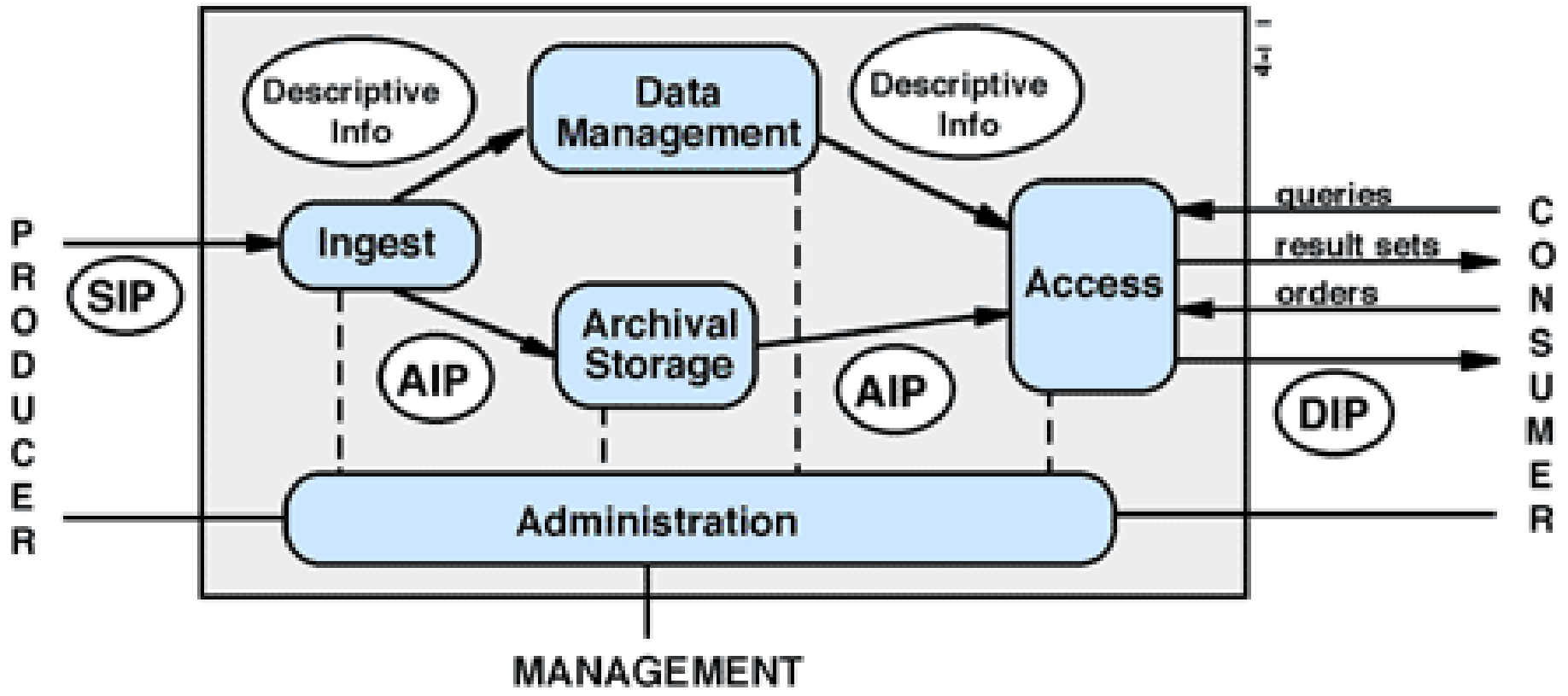
What is a digital repository?

- A digital repository is a means of storing, managing and accessing digital archives.
- A digital repository consists of hardware (computers, servers, etc), software (either a digital repository system or individual pieces of software for performing particular tasks), policies and procedures, and importantly, people with assigned responsibility for the care of the digital content.
- Explore the Nelson Mandela Foundation Archive: https://archive.nelsonmandela.org/
- This is what the “front end” looks like, and now we are going to take a look at the “back end”

OAIS

- What is the OAIS?
- The OAIS was developed by the Consultative Committee for Space Data Systems, and it has been adopted by the International Standards Organisation as ISO14721.
- It is available here: https://public.ccsds.org/pubs/650x0m2.pdf

OAIS


Descriptive Info
Data Management
Descriptive Info
Ingest
Archival Storage
Access
SIP
AIP
AIP
DIP
queries
result sets
orders
Administration
PRODUCER
CONSUMER
MANAGEMENT

OAIS

- Software for digital repositories.
- Digital repositories without specialist software.
- How would you create a digital repository using free / cheap tools and options that we have looked at in this course?

Any questions?

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