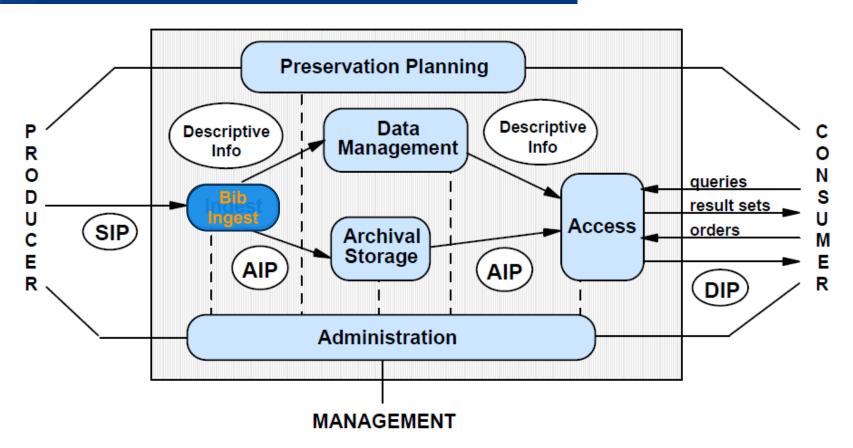
Biblngest and OAIS

The first part of the ingestion process: store, preserve and retrieve.

OAIS model



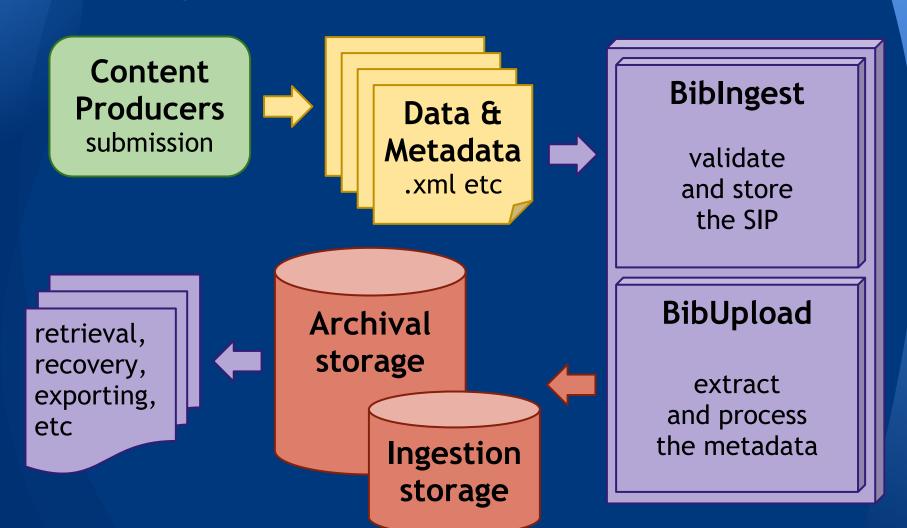


Ingest Functional Entity

- receives SIPs from Producers
- performs quality assurance on SIPs
- generates AIPs
- extracts Descriptive Information from the AIPs
- coordinates updates to the Archival Storage and Data Management

SIP = Submission Information Package AIP = Archival Information Package

Biblngest in Invenio



Persistent Storage

- Create, Read, Update and Delete (CRUD)
- Storage Engines
- SIP types
- Common operators

Architecture (1/2)

SIP types

Journal Proceeding Blogpost

accepted fields input validation default values versioning

Configuration

general settings per collection settings



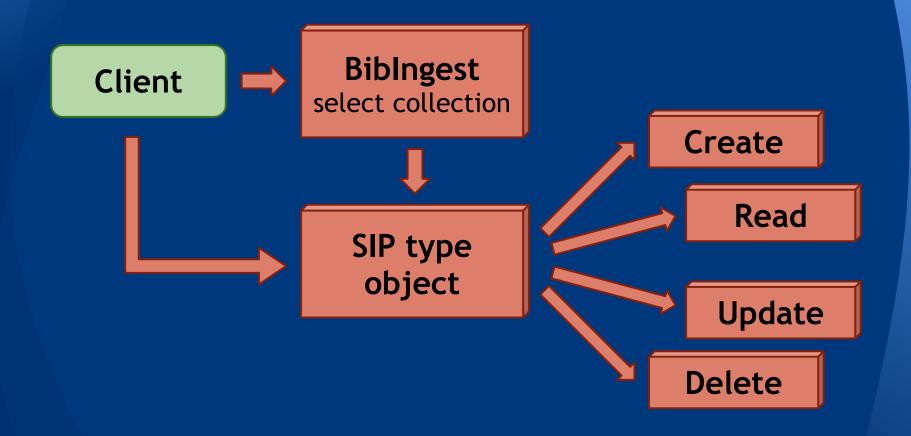
Instantiation

Storage engines

MongoDB MySQL SQLAlchemy

engine driver field translation SIP type agnostic

Architecture (2/2)



Discussion

- Extended use (beyond write once and then read only)
- Use with different metadata types