

The Florida Digital Archive

Florida Digital Archive

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The mission of the Florida Digital Archive is to provide a cost-effective, long-term preservation repository for digital materials in support of teaching and learning, scholarship, and research in the state of Florida.

In support of this mission, the Florida Digital Archive guarantees that all files deposited by agreement with its affiliates remain available, unaltered, and readable from media. For those materials designated to receive full preservation treatment, the Florida Digital Archive will maintain a usable version using the best format migration tools available.

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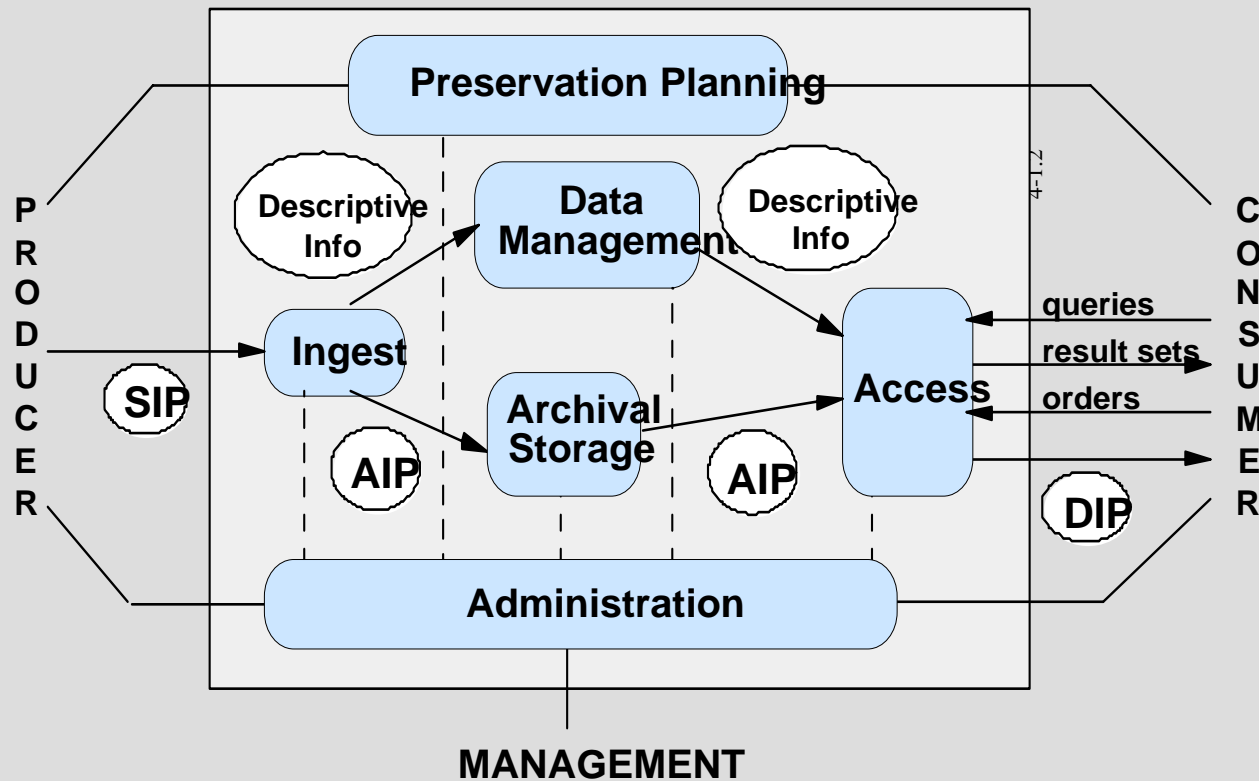
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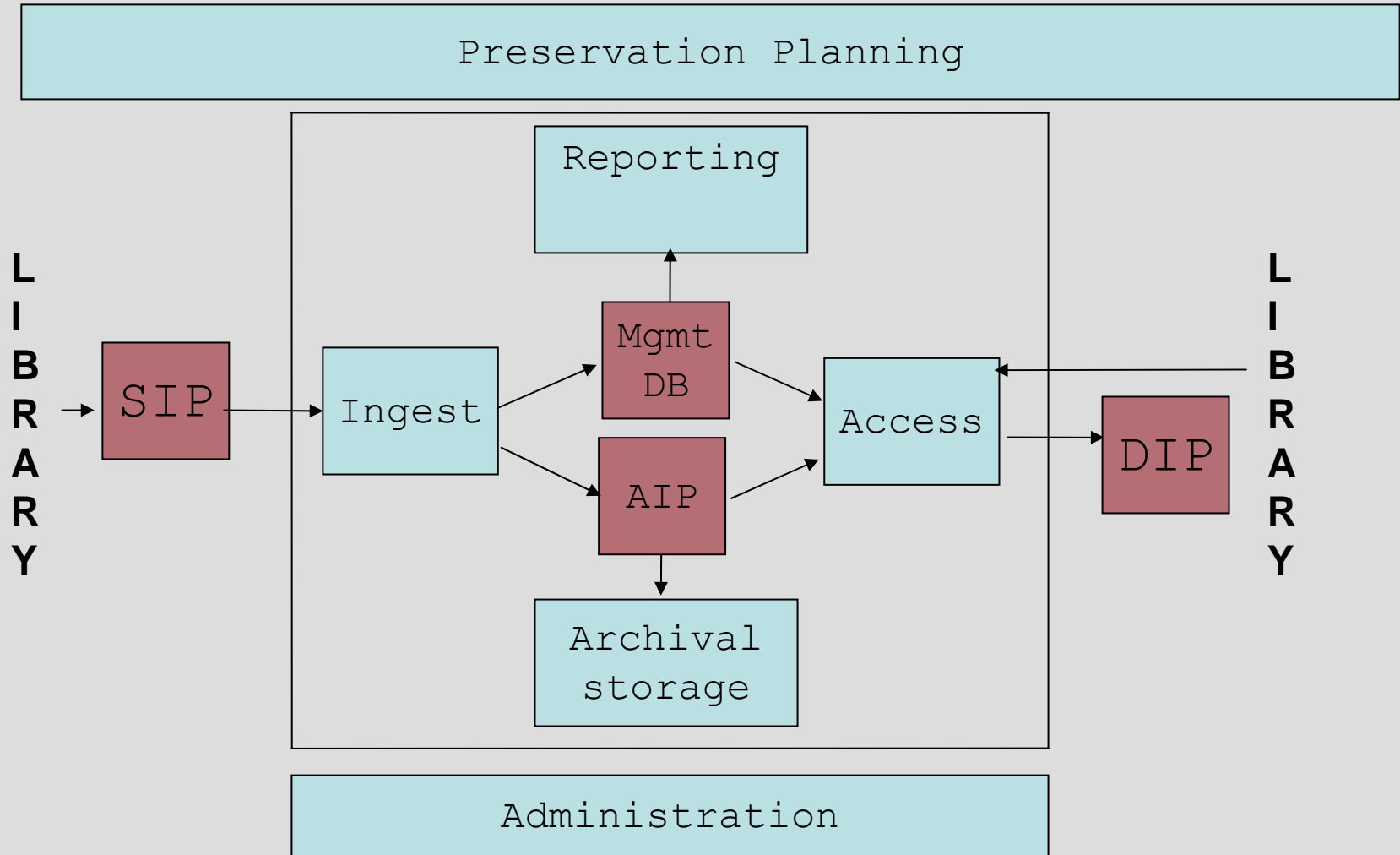
DAITSS

- Strictly modeled on OAIS
- “Dark” – no online public interface
- Implements format normalization and forward migration at time of Ingest
- Designed for multiple contributing institutions
- Uses PREMIS in METS

OAIS Functional Architecture



DAITSS Functional Architecture

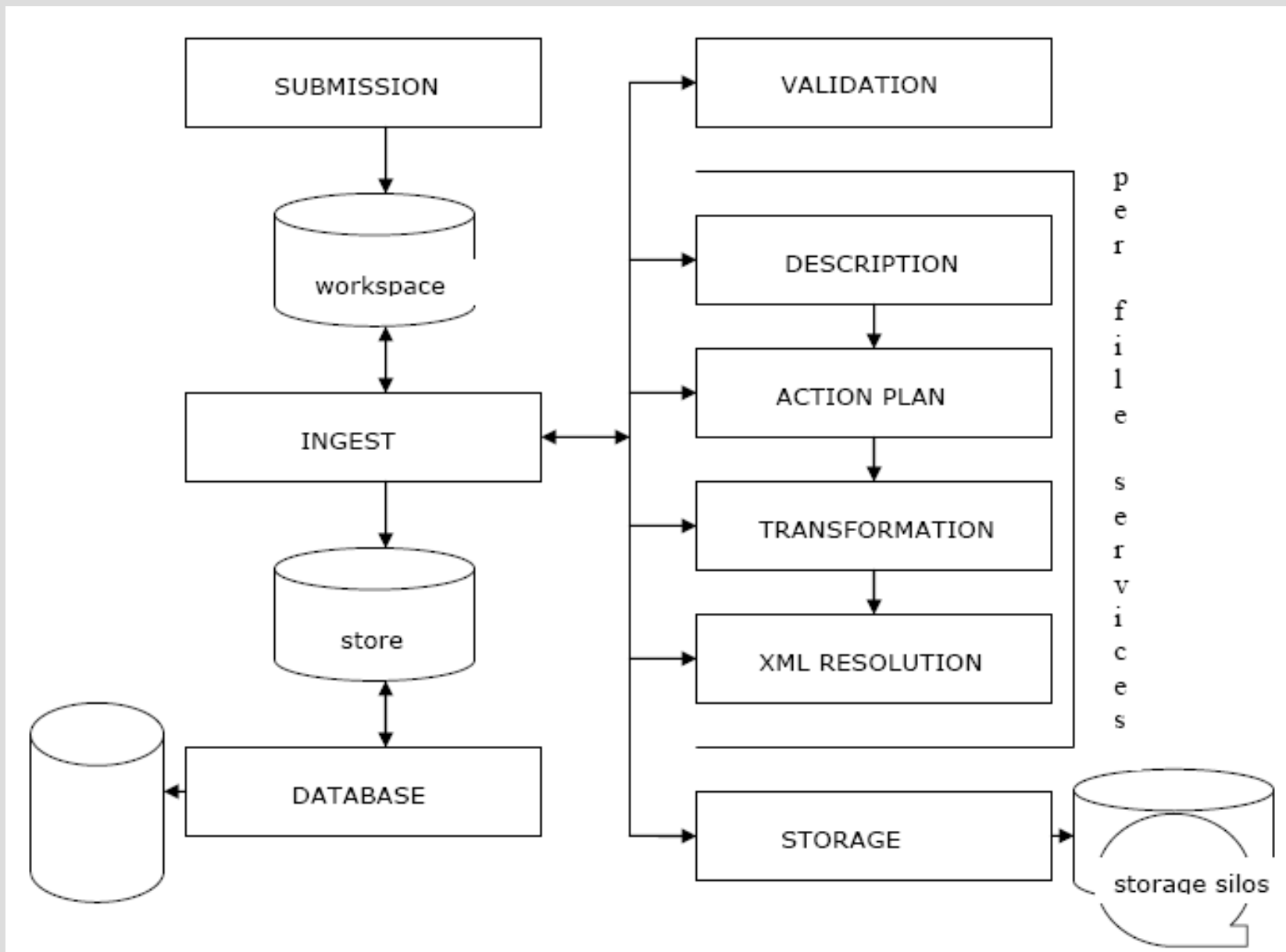


Key Architectural Decisions

- AIP is self-defining: database can be rebuilt from data store
 - all metadata stored in METS & PREMIS AIP descriptor
- Only Ingest writes to data store
 - audit trail/digital provenance in PREMIS Events
- Preservation strategies built in from the start
 - preserve original as submitted
 - normalize and migrate as needed
 - retain original and “last best”

Dissemination

- Since format transformations are done during Ingest, AND
- Since only Ingest can update data store,
- **THEREFORE** all disseminations involve a re-Ingest step before the DIP is created
- Fringe benefit: Mass migration and migration on request are equally easy



Operations

- In production since 1996
- 10 contributing Affiliates
- 185,000 packages, 20 million files, 38TB
- 2-4 TB ingested monthly
- 1 FDA manager, 1 Operations Technician
- 4 DAITSS developers, .5 Tech Support

About Us

- FDA website:
http://fclaweb.fcla.edu/FDA_landing_page
- DAITSS website: <http://daitss.fcla.edu/>
- TIPR project:
<http://wiki.fcla.edu:8000/TIPR>
- Me: pcaplan@ufl.edu