Mapping Generic User Workflows for Digital Preservation

How special is your snowflake?

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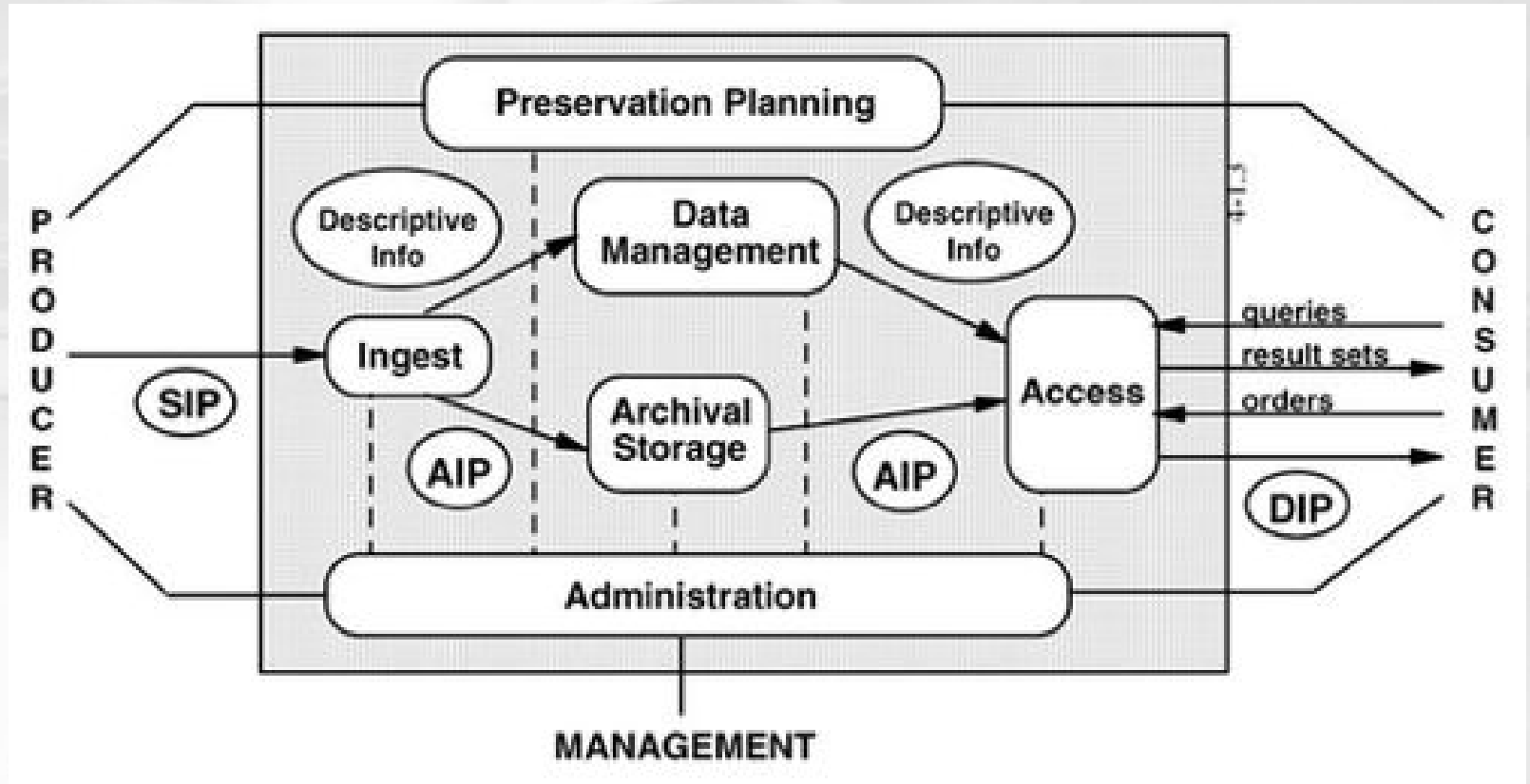Permafrost

Friendly interventions for long-term preservation

Powered by the OLRC

*Still trying this "branding" thing out.

Too generic

Figure: OAIS functional model showing PRODUCER and CONSUMER, with Preservation Planning, Descriptive Info, Data Management, Ingest, Archival Storage, Access, Administration, and Management. SIP, AIP, DIP, queries, result sets, orders.

*This is not an obligatory use of the OAIS diagram on a slide as a stand-in for explaining what digital preservation is.

Figure from: *Reference Model for an Open Archival Information System (OAIS)*. Magenta Book. Issue 2. June 2012.
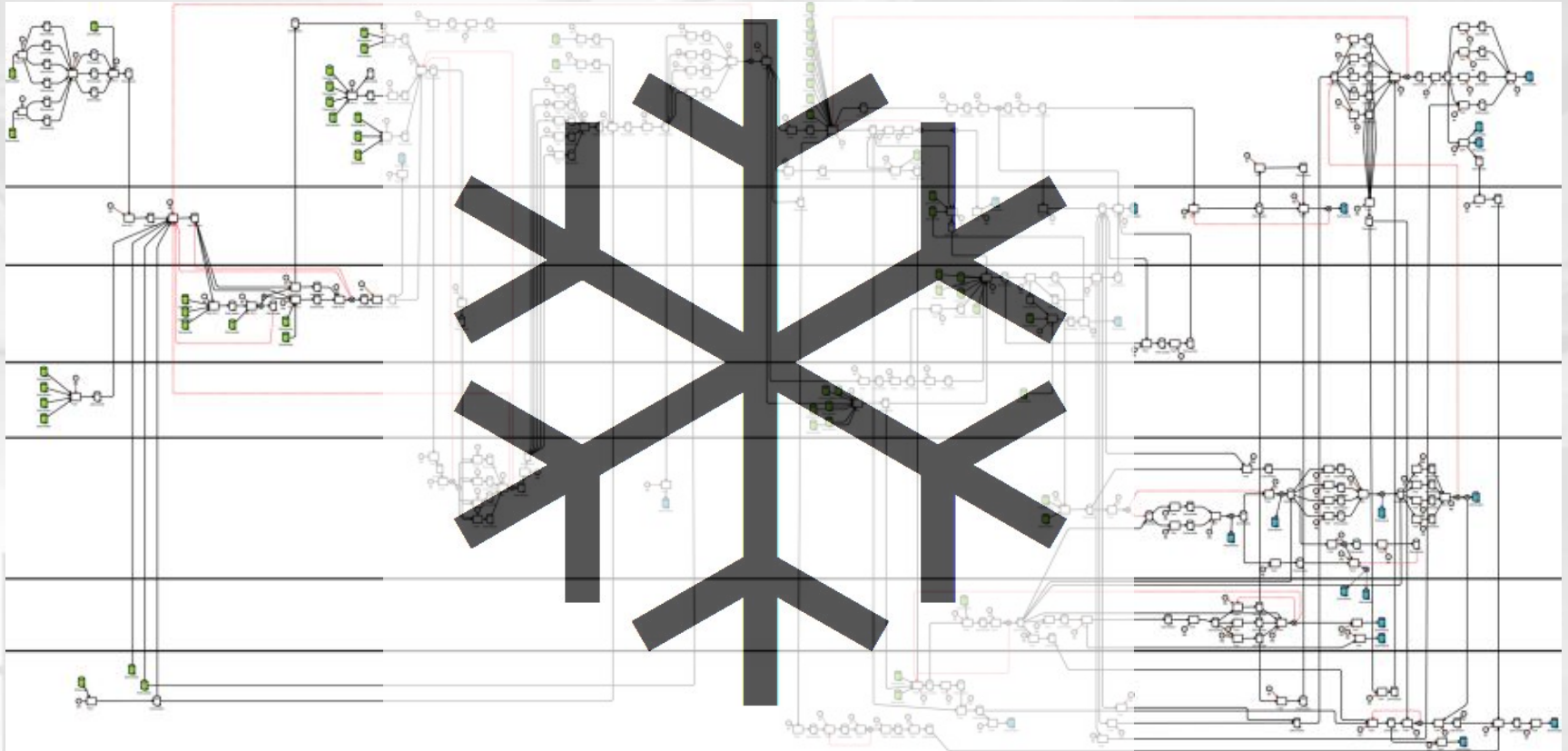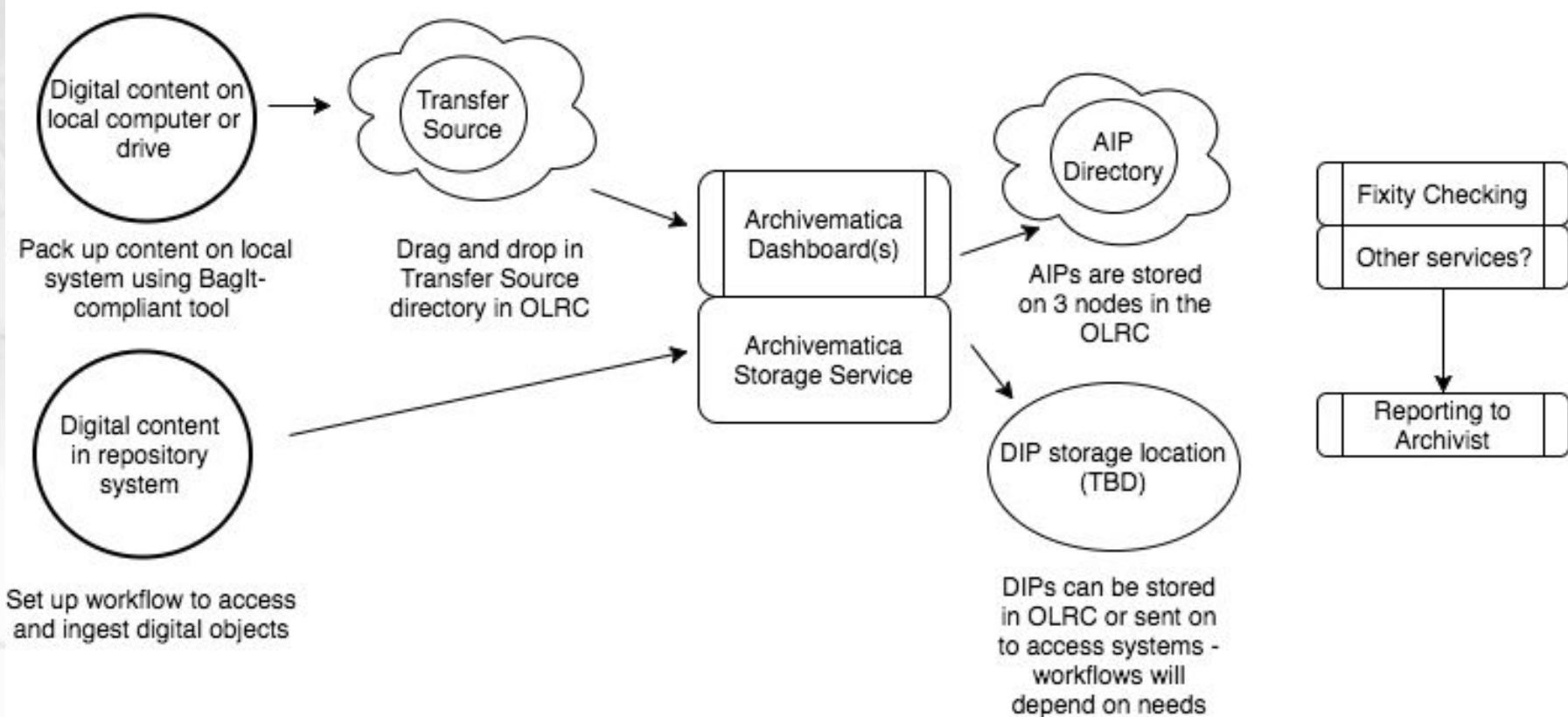
Not generic enough

Figure from: Wynn, D. C., Caldwell, N. H., & Clarkson, P. J. (2014). Predicting change propagation in complex design workflows. *Journal of Mechanical Design*, *136*(8), 081009.

Just Right?

Digital content on local computer or drive

Pack up content on local system using BagIt-compliant tool

Digital content in repository system

Set up workflow to access and ingest digital objects

Transfer Source

Drag and drop in Transfer Source directory in OLRC

Archivematica Dashboard(s)

Archivematica Storage Service

AIP Directory

AIPs are stored on 3 nodes in the OLRC

DIP storage location (TBD)

DIPs can be stored in OLRC or sent on to access systems - workflows will depend on needs

Fixity Checking

Other services?

Reporting to Archivist

The approach

- Divide by content type (digitized, born digital, other?)

- Spend more time on pre-transfer steps

- Fine-tune Archivematica workflow through consultation

- Worry about access later (this is more snowflaky)

The workflow

- Create quick metadata.csv
- Use Exactly to bag up content
- Drop it into the OLRC transfer source directory
- Process using Archivematica

The intention

- Set of generic workflows: digitized; born-digital; access options

- Workflows available here: https://goo.gl/nVjWLB