DANCING WITH DATA DOWN UNDER – HANDOUT
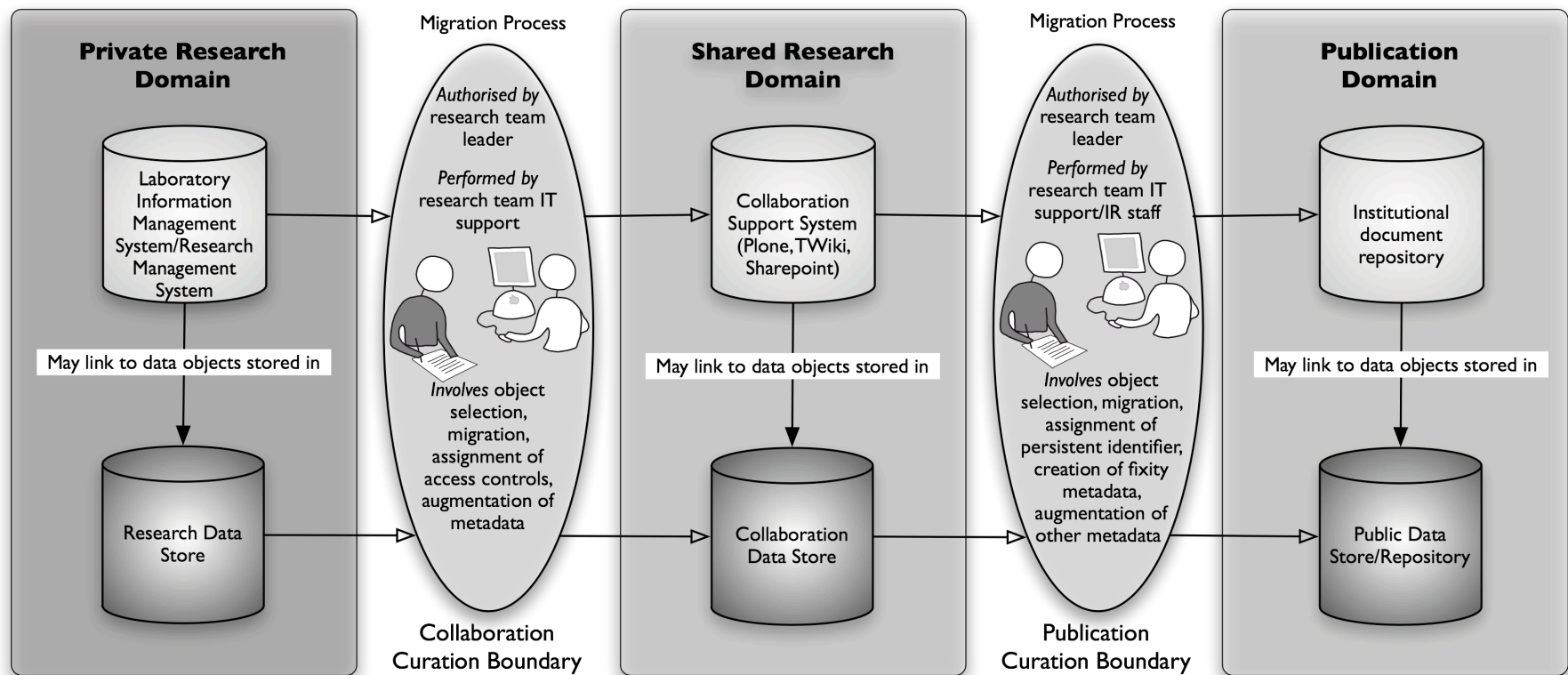
Private Research, Shared Research, Publication, and the Boundary Transitions

Private Research Domain

Laboratory Information Management System/Research Management System

May link to data objects stored in

Research Data Store

Migration Process

Authorised by research team leader

Performed by research team IT support

Involves object selection, migration, assignment of access controls, augmentation of metadata

Collaboration Curation Boundary

Shared Research Domain

Collaboration Support System (Plone, TWiki, Sharepoint)

May link to data objects stored in

Collaboration Data Store

Migration Process

Authorised by research team leader

Performed by research team IT support/IR staff

Involves object selection, migration, assignment of persistent identifier, creation of fixity metadata, augmentation of other metadata

Publication Curation Boundary

Publication Domain

Institutional document repository

May link to data objects stored in

Public Data Store/Repository

This domain involves the core research team as they undertake the research, usually within a single institution. Access is often tightly controlled as hypotheses and analyses are developed.

This domain involves researchers outside the core team as they collaborate with colleagues, often across institutions. Access is more open, but not everything is shared.

This domain involves the public sphere (publication in the sense of making public). Access will usually be open to all.

PROJECTS

ARROW (Australian Research Repositories Online to the World)

This is a project to develop and implement repository software (mix of open source and supported commercial offering) for a range of institutional information management requirements.

http://arrow.edu.au/

DART (Dataset Acquisition, Accessibility and Annotations e-Research Technologies)

This project undertook development of proof-of-concept software to support the entire e-research lifecycle.

http://dart.edu.au/

ARCHER (Australian ResearCH Enabling enviRonment)

This project is building on DART and other open source offerings to produce a robust system to support data-centric collaboration.

http://archer.edu.au/

INITIATIVES

Information Management Strategy at Monash University

http://www.monash.edu.au/staff/information-management/

Large Research Data Storage (LaRDS) at Monash

Service Statements:
http://www.monash.edu.au/eresearch/activities/lards.html

Overview for researchers:
http://www.its.monash.edu.au/staff/management/services-catalogue/research/research-data-storage.html

Australian National Data Service

http://www.pfc.org.au/twiki/pub/Main/Data/TowardstheAustralianDataCommons.pdf

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