

Overview of DLF Services Framework Working Group

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DLF Board Meeting

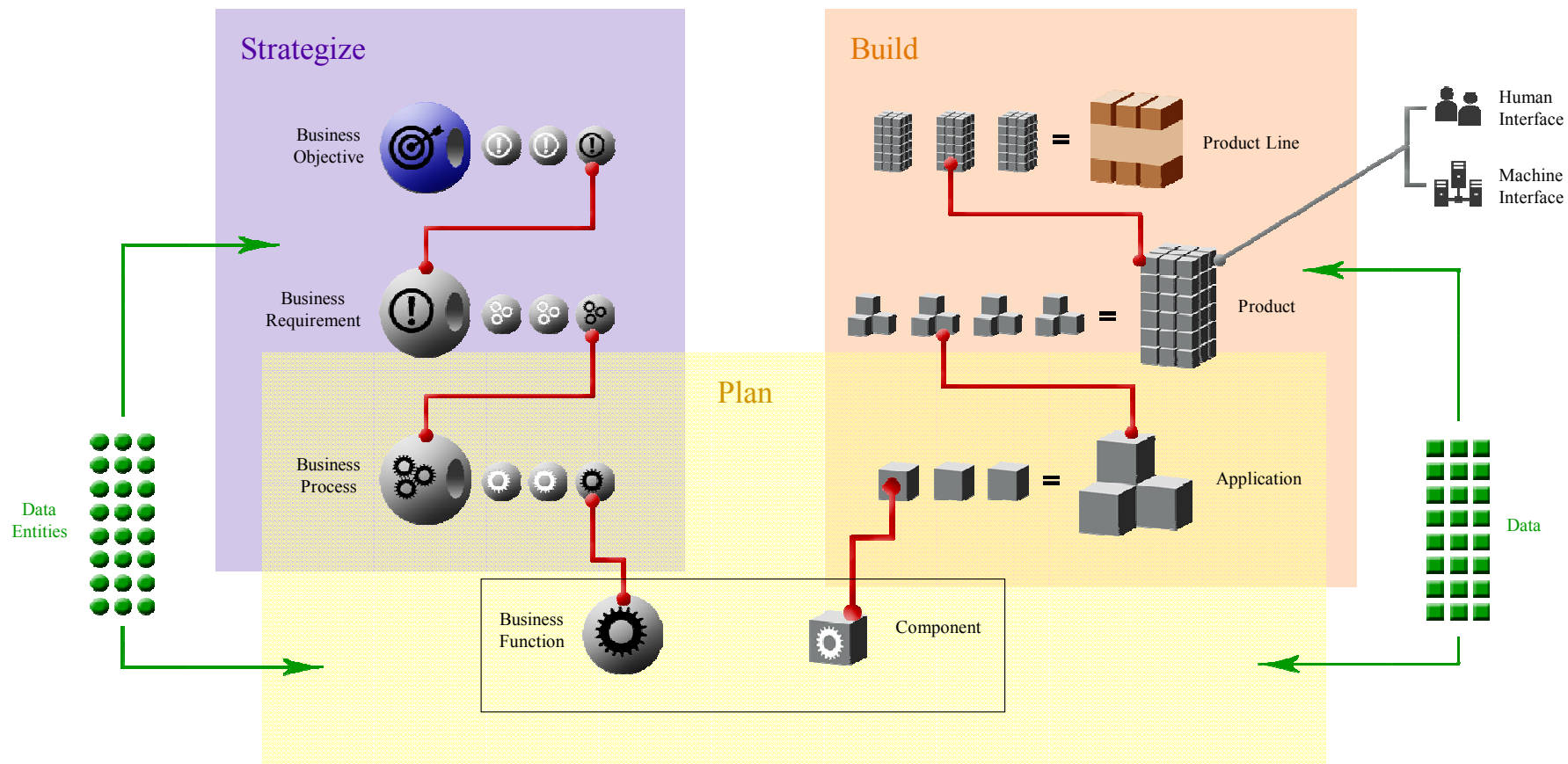
Topics

- Review of goals
- Overview of discussions to date
- Current direction
- Deliverables
- Open Issues

Services Framework Overview

- Central question: what business(es) are we in as a research library and what processes and functions are needed to serve that mission?
- What collection of processes make up a research library?
- We are not designing and implementing a system; we are articulating a services perspective

Process Driven Services



Adopting Existing Models

- Initially looked at adopting an existing framework model
- Close cooperation with UK e-framework initiatives
- Most frameworks focus on systems; we need to look at library business processes as well
- Business Process Models considered (e.g. OMG BPM)

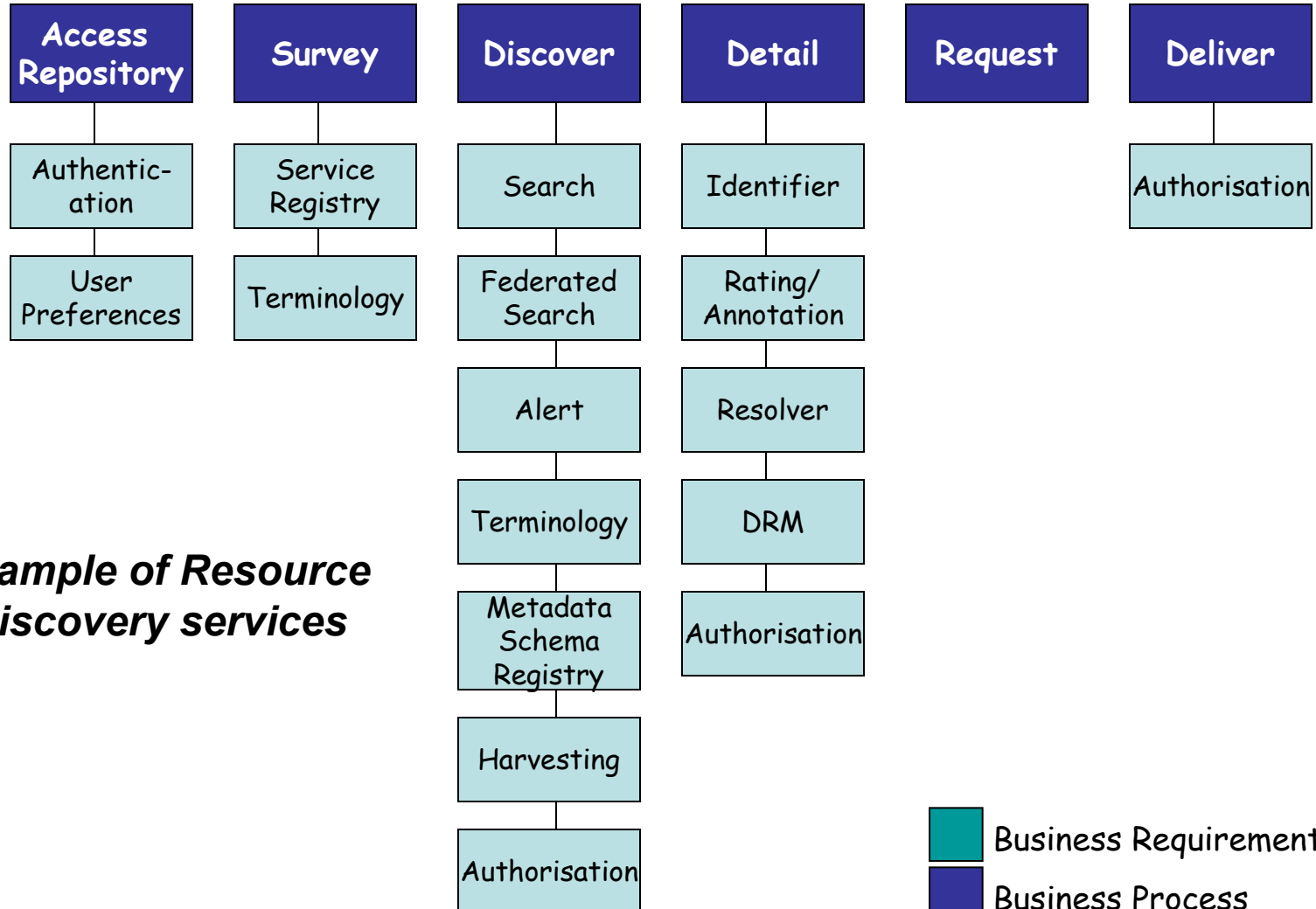
What's a Service?

- Tension between component level “services” and business process/function “services”
- Need something that can articulate library business processes in addition to component level services and the relationship between them

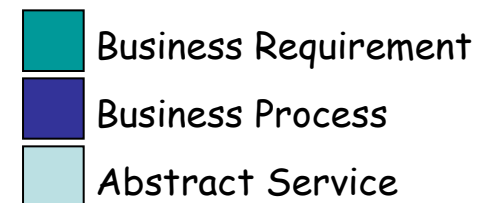
Approach

- Original SFWG approach: 3 main categories
 - ❖ Business Requirement
 - ❖ Business Process
 - ❖ Abstract Services

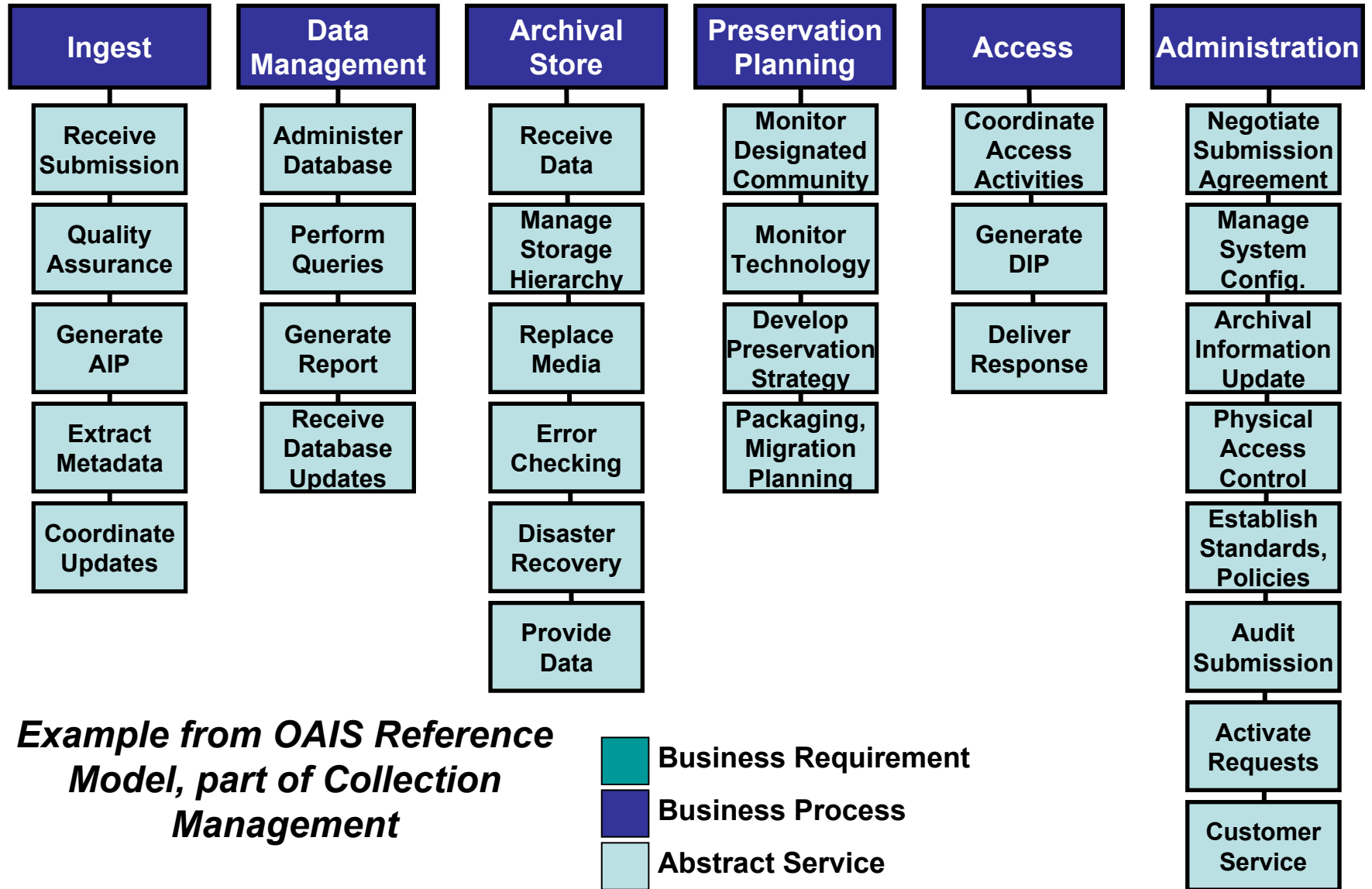
Resource Discovery



Example of Resource Discovery services



Long-Term Preservation



Vocabulary

- Abstract services seem to map to the e-framework *service genres*
- Defining a widely agreed-to vocabulary for the services framework has been challenging
- Need to move on with defining appropriate library activities and correct vocabulary later

Current Top Level Business Areas

- Three top level areas for describing processes and abstract services identified:
 - ❖ Discovery to Delivery
 - ❖ Collection Management
 - ❖ Publication
- Two additional possibilities:
 - ❖ Reference Desk
 - ❖ Instruction

Business Area Focus for 2006

- Discovery to Delivery (D2)
- Collection Management
- Next priorities to be identified as issues are addressed

Current Activities

- White paper developed to explain background and work of the working group
- Participating on the JISC working group for the e-framework integrity
- Need clear flow between levels of detail

Working Group Members

- Original Working Group members
 - Lorcan Dempsey, OCLC (chair); Brian Lavoie, OCLC; MacKenzie Smith, MIT; Dale Flecker, Harvard; Krisellen Maloney, LoC; Andy Powell, Eduserv; Peter Brantley, CDL
- New members since January 2006
 - Geneva Henry, DLF Dist. Fellow; David Seaman, DLF; Jim Michalko, RLG; Sayeed Chaudry, JHU; Dan Rehak, CMU

Increased Collaboration

- Continue active collaboration with JISC e-Framework
- Open DLF wiki to broader audience to make work more visible
- Work with Aquifer Initiative
 - ❖ We can provide basis for developing service oriented architecture
 - ❖ Aquifer provides a testbed for work we are doing
 - ❖ New services from Aquifer implementation can inform the framework

Deliverables

- Article for DLib Magazine Summer 2006
- Reference models for digital library business areas in a framework that extends to multiple business areas
 - ❖ Documented vocabulary for use in defining the services framework
 - ❖ Documents and diagrams of decomposed business requirements in the areas of D2D and Collection Management
- Identification of areas for further development

Issues for Discussion

- Do the following activities belong in the digital library services framework:
 - ❖ e-publishing
 - ❖ e-learning
 - ❖ e-research
 - ❖ records management
 - ❖ e-administration

- Should the services only reflect digital library activities or should they also include traditional library activities?

Process for Issue Resolution

- DLF Board to provide feedback on issues re: what business(es) are we in as a research library
 - ❖ Should a smaller group undertake strategic review and recommendations (e.g. current advisory group)?
 - ❖ Issues should be considered and feedback provided by next DLF Board meeting
 - ❖ Recommendations will influence future work plan