



# **Primo V.2 and V.3 experience at Yonsei University**

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## Presentation Overview

Yonsei University Library, one of the most prestigious libraries in Korea, has promoted a development project for the next generation academic information system to provide users more innovative scholarly information services in support of the world's leading research institution.

The Ex Libris product has been adopted for our next generation academic information system. The Ex Libris product including Aleph, Metalib, Verde, SFX, DigiTool, and Primo was implemented.

We want to share our experience from findings of our Primo V.2, Central, and Primo V.3 projects.

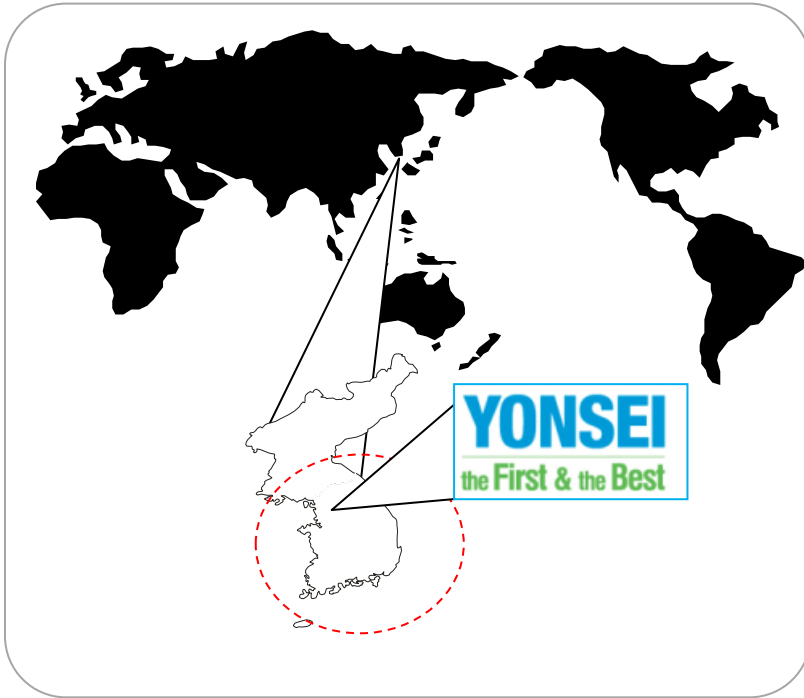
# I. INTRODUCTION

- **Yonsei University**

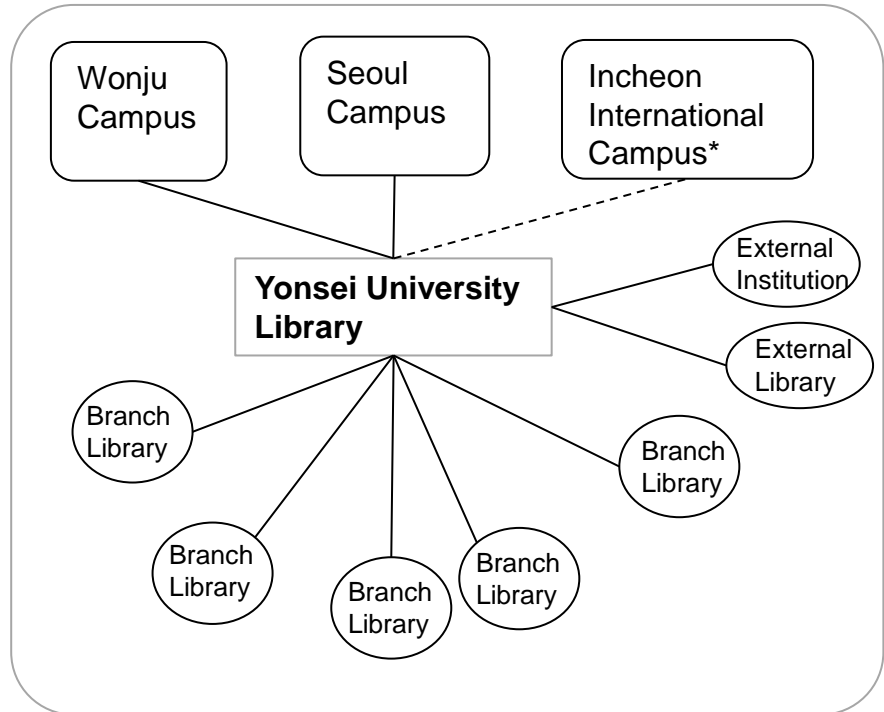
- Founded in 1885, 37,967 Students, 19 Graduate Schools, and 20 Colleges

- **Yonsei University Library**

- Started with 230 books in 1915
- Currently has about 2,000,000 books, 16,000 serials, and 65,000 e-journals
- Consists of 2 campus libraries and 5 branch libraries
- Has the experience of developing and operating Maestro and XMDL, the integrated digital library
- Started the next generation system by implementing Ex Libris full package in 2008.



**Yonsei University, Seoul, Korea**

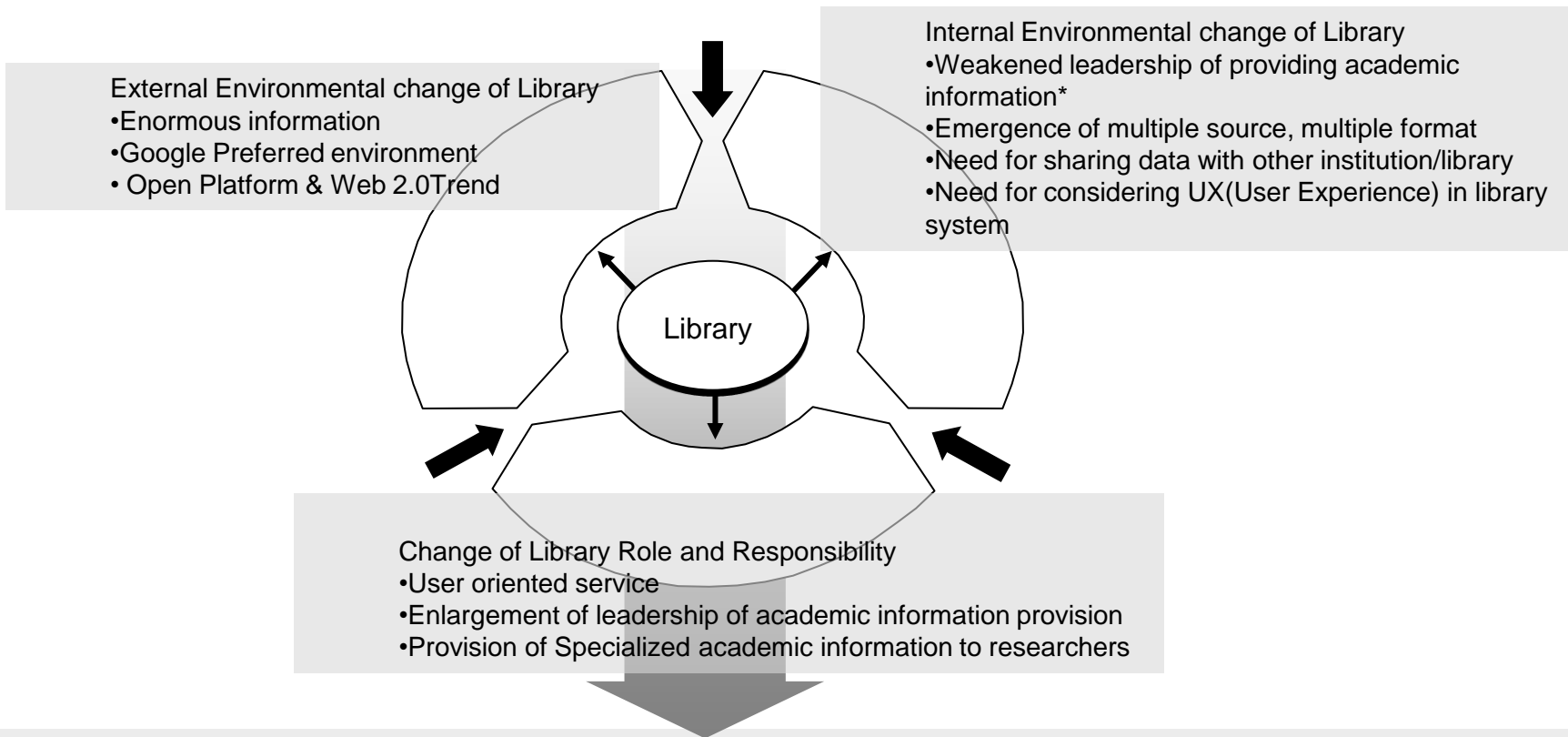


**Yonsei University Library**

Books: about 2,000,000  
 Average daily users: 9,257  
 Average daily checkouts: 3,056

\*Library on Incheon International Campus will be opened in 2011

## II. ENVIRONMENTAL CHANGE OF LIBRARY & INTRODUCTION OF PRIMO



### Why Primo?

- To correspond the environmental change of library
- To enable libraries to
  - ① Enlarge Solid leadership of academic information
  - ② Provide Leverage effect of research activity
  - ③ Provide User-oriented service

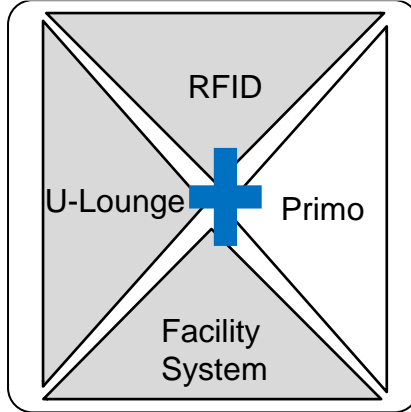
\*Song, Y., 2005, A comparative study on information-seeking behaviors of domestic and international business students, Research Strategies 20, pp. 23-34

Haglund, L., Olsson, P., 2008, The impact on university libraries of changes in information behavior among academic researchers: A multiple case study, The Journal of Academic Librarianship 34, 52-59

# III. EXPECTED EFFECT AND IMPLEMENTATION STRATEGY

## How To Implement

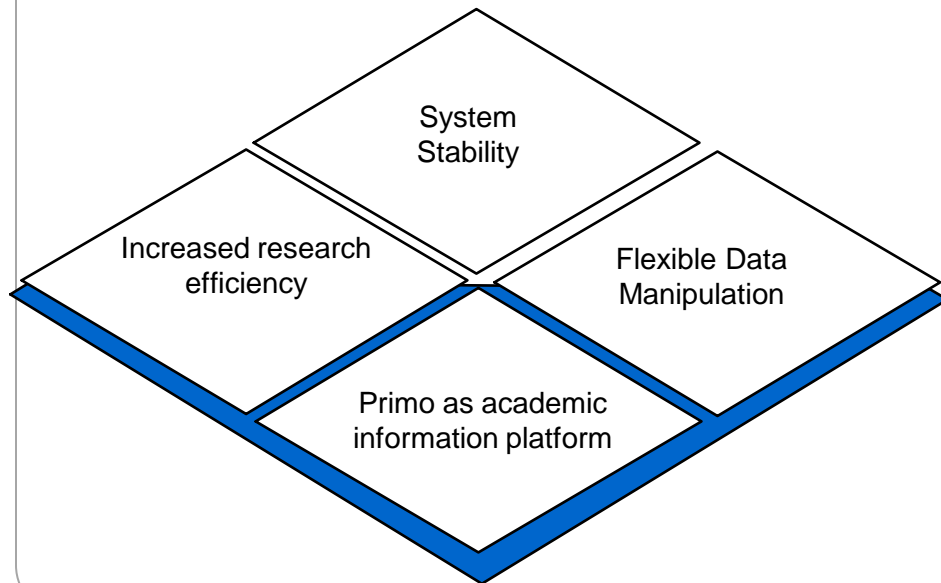
### Yonsei University Library Website



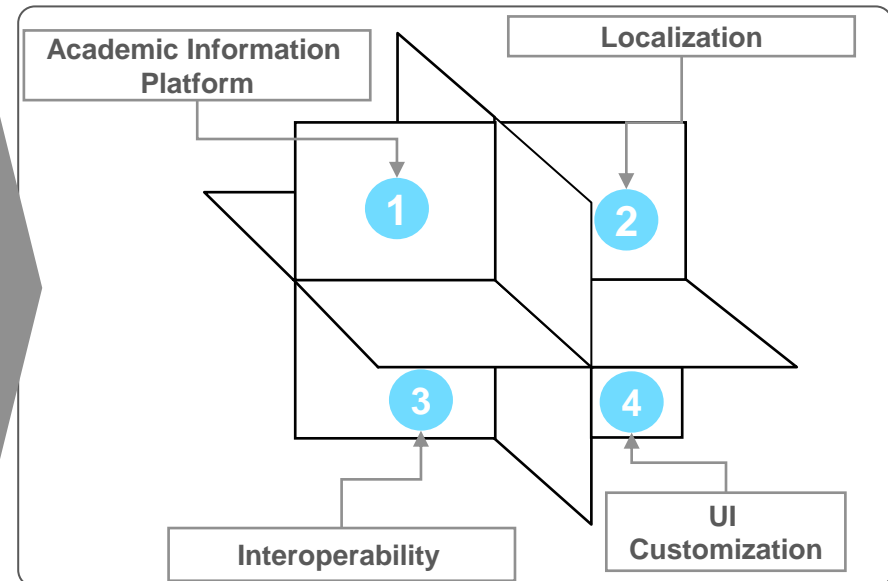
•Need to satisfy various IT demand by implementing and integrating New library websites, RFID system, U-lounge\*, and library facility system

•Our strategy is to pursue Primo as academic information platform and new library websites for supporting RFID/U-lounge/Facility System in parallel

## What We Expect



## Implementation Strategy



\*U-lounge is the cultural space in Yonsei university library with ubiquitous technology

# IV. OVERVIEW OF PRIMO PROJECT

Task	~2009. 8	~2009.10	~2010.5	~2010.6
• Primo2 installation & Configuration	→			
• Linking new lib. web. with Primo 2		→		
• Primo3 beta installation & Test			→	
• Primo3 installation and Configuration				→

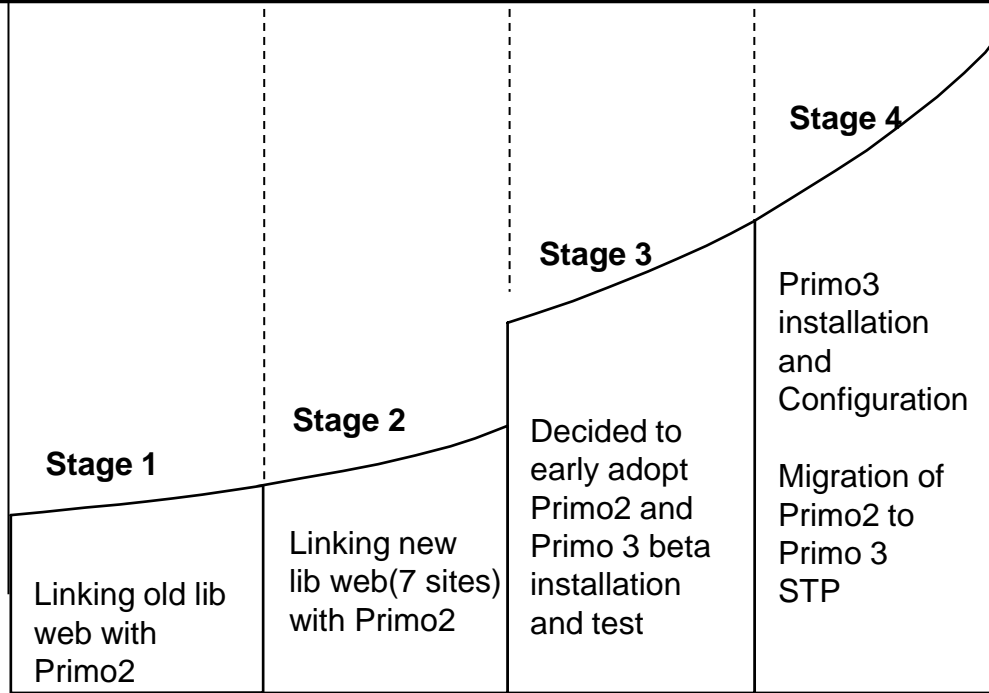
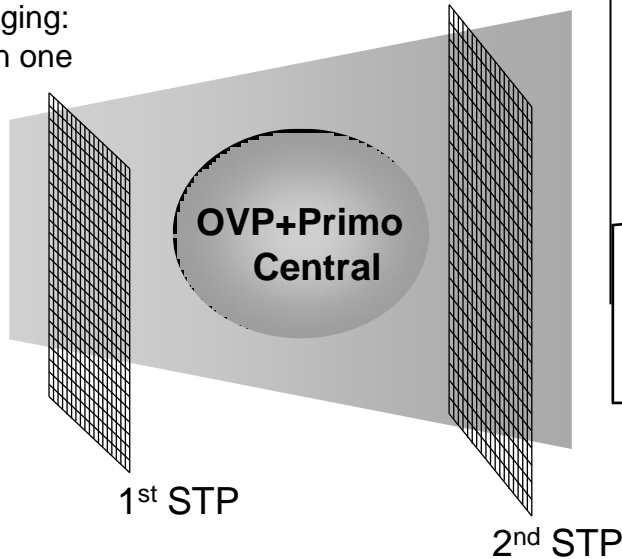
## Primo2

-Production:  
BE and FE separated topology

-Staging:  
All in one

## Primo3

-STP with Primo Central  
-Opac Via Primo enabled

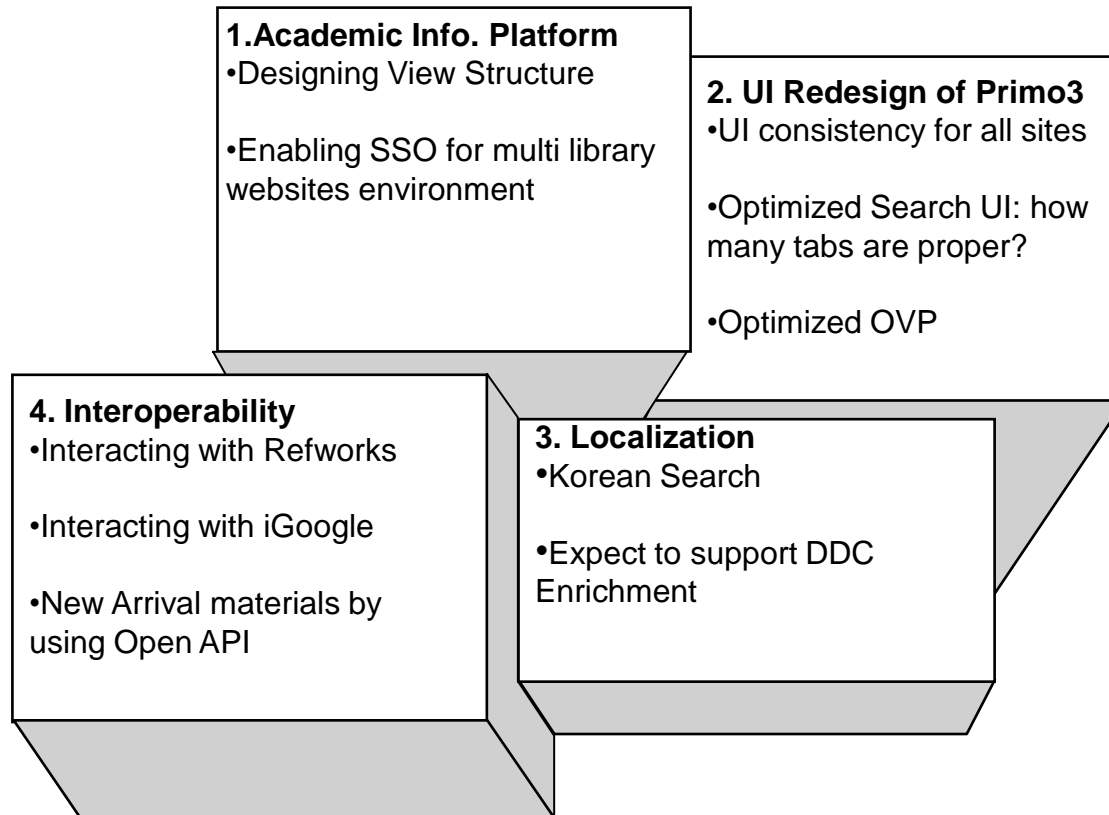


# V. DESIGNING AND IMPLEMENTING PRIMO WITH NEW LIB WEB

## Overview of designing and implementing Primo with New library websites

- New library websites are developed in parallel with Primo as the total library discovery solution
- We concern
  - Substantially integrated both new library websites and Primo
  - Optimized Primo for Korean environment

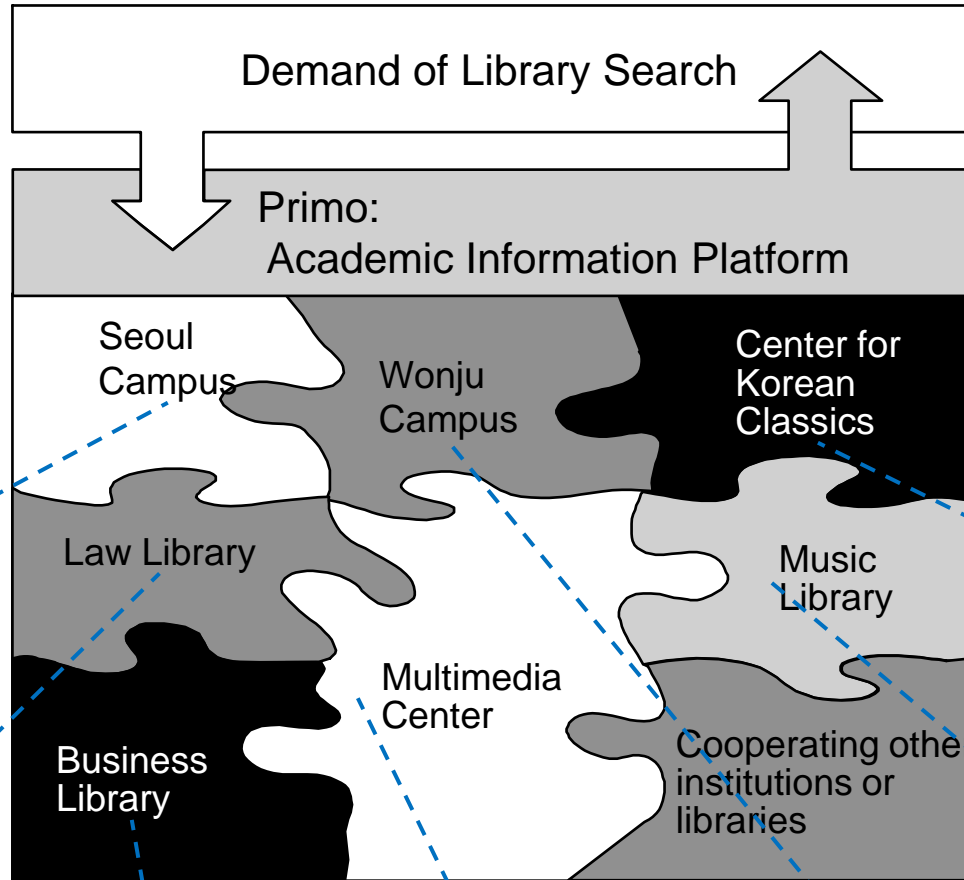
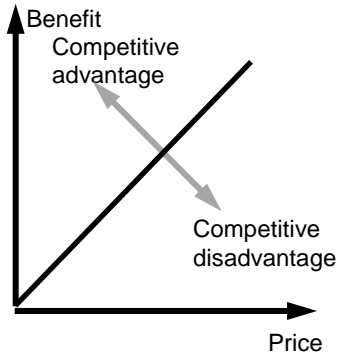
## How we approach the solution for fulfilling our strategy



# V. DESIGNING AND IMPLEMENTING PRIMO WITH NEW LIB WEB

## -1. ACADEMIC INFORMATION PLATFORM

What we expect from Platform strategy



Linking Lib-web with Primo

- SSO is prerequisite for our AIP implementation
  - Modifying PDS for AIP implementation due to limitation of PDS- Especially for Log-out process
- ★ Work Around!



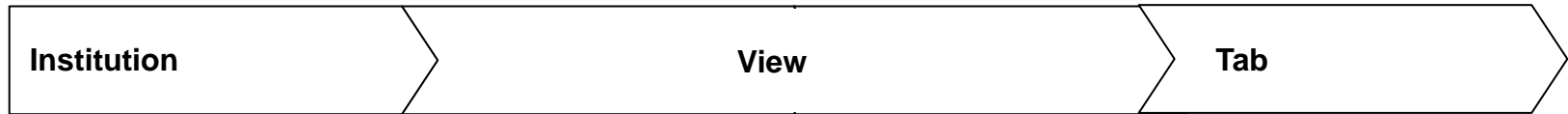


# V. DESIGNING AND IMPLEMENTING PRIMO WITH NEW LIB WEB

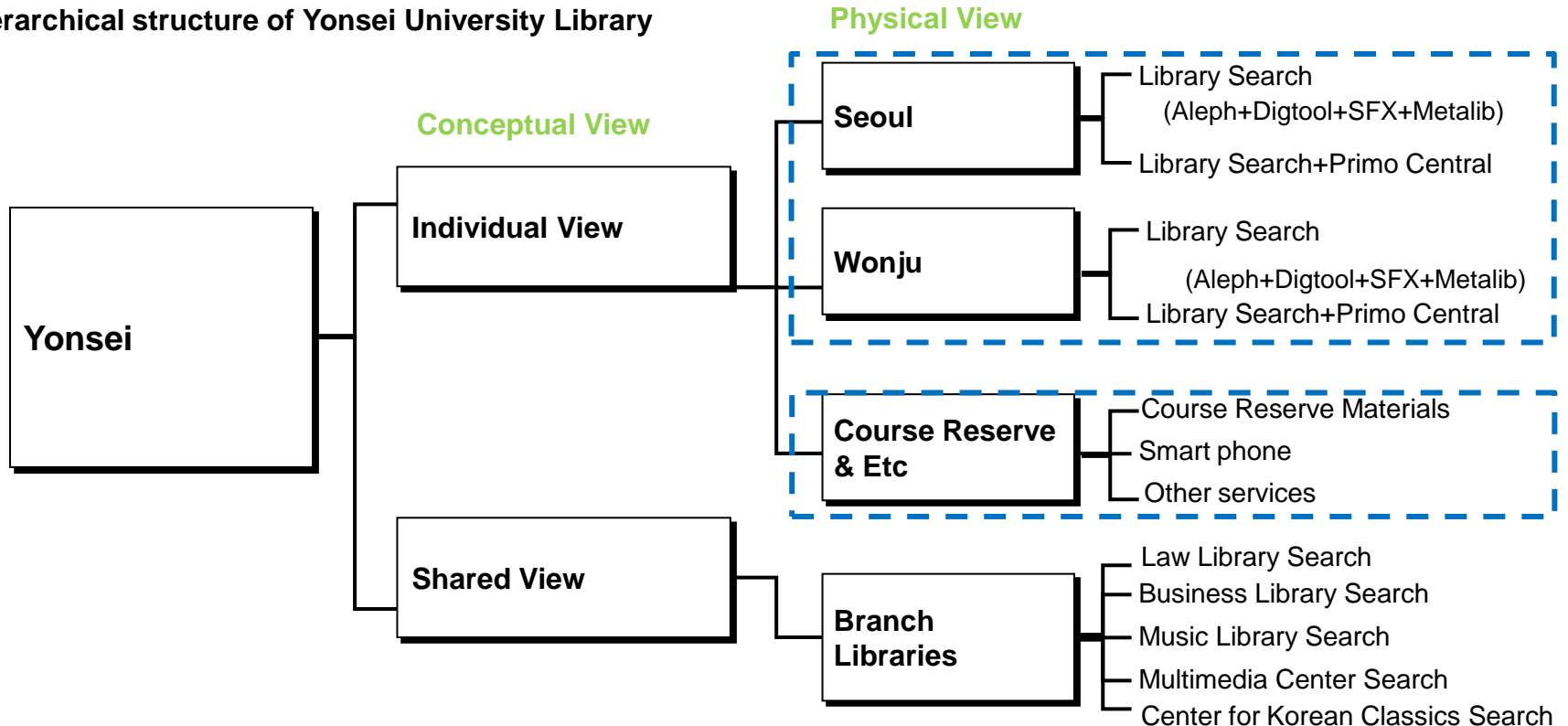
## -1. ACADEMIC INFORMATION PLATFORM

### Designing View Structure for Yonsei university library

#### Hierarchical structure of Basic Primo Structure



#### Hierarchical structure of Yonsei University Library

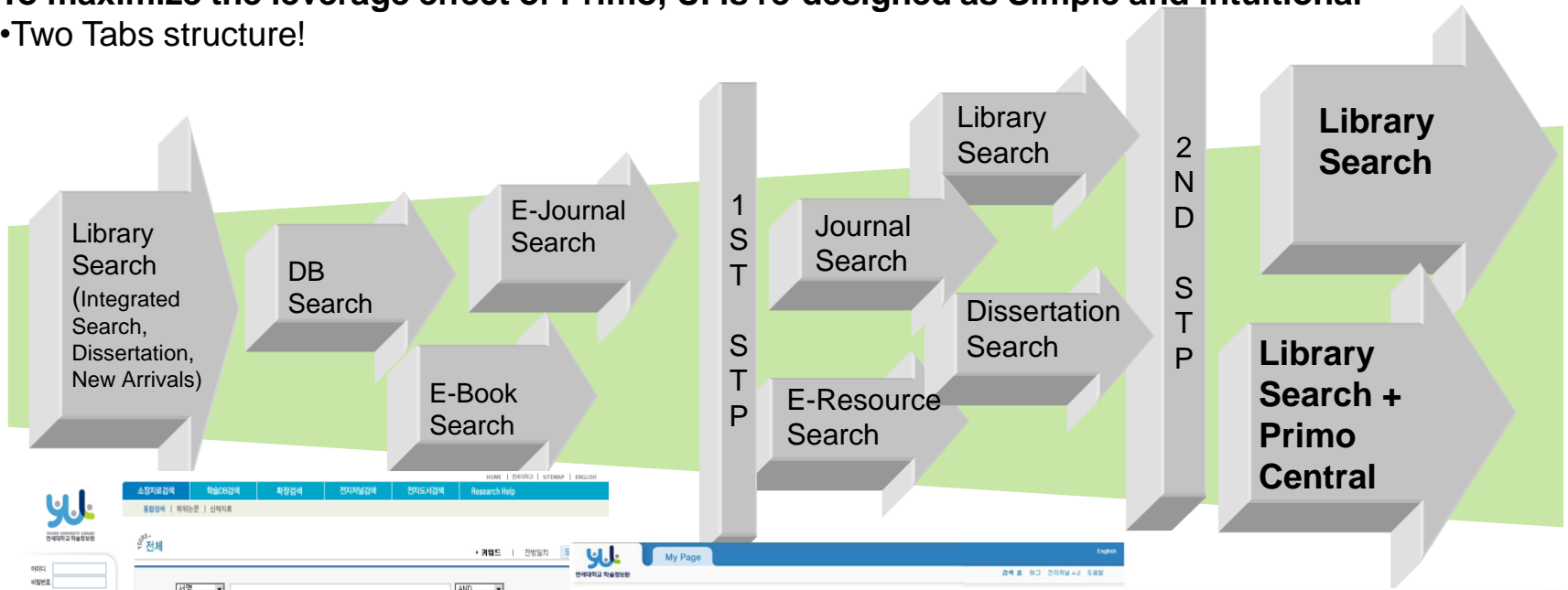


# V. DESIGNING AND IMPLEMENTING PRIMO WITH NEW LIB WEB

## -2. UI RE-DESIGN

To maximize the leverage effect of Primo, UI is re-designed as Simple and Intuitional

•Two Tabs structure!



**4 Search Tabs**  
**3 Search Boxes**  
**6 Search Options**

**4 Search Tabs**  
**1 Search Box**  
**4 Search Options**

**2 Search Tabs**  
**1 Search box**  
**1 Search Option**

# V. DESIGNING AND IMPLEMENTING PRIMO WITH NEW LIB WEB

## -2. UI RE-DESIGN

### Optimized OVP

•OVP: Powerful function in Primo 3, but not optimized for Yonsei environment

#### •Our OVP Optimization

•Field Optimization: Location, Item Category, Item Status, Pickup Location, Effective Date, Memo

•Request Process Optimization

- ① Action buttons in Request tab: Hold, Acquisition, ILL buttons → only Hold need to be activated (Work Around!)
  - Pages is not valid Acq page of Yonsei when ACQ is clicked
  - ILL through OVP is not valid in Yonsei environment
- ② Not allow users to access Request Tab (Work Around!)
- ③ Allow users to do Hold request only when material is not available
- ④ Place Blocked Request Tabs to the right end

★ Work Around! : How to block button or request tab is simply using `</a><a>` at the code of buttons and tabs

#### Options, futures and other derivatives

John C. Hull.  
7th ed. Upper Saddle River, NJ : Pearson/Prentice Hall c2009  
Checked Out / Hold (updating...)

Locations Details Reviews & Tags Find it @ Yonsei

Request Options: Location ILL

#### Details of the items you requested:

Location: Yonsei University Library BA 332.645 009a c.2  
Item category: Regular loan  
Item status: 20100828  
Pickup Location: Yonsei University Library  
Last interest date: 02/26/11  
Comment:

Hold

Back to results list

#### Options, futures and other derivatives

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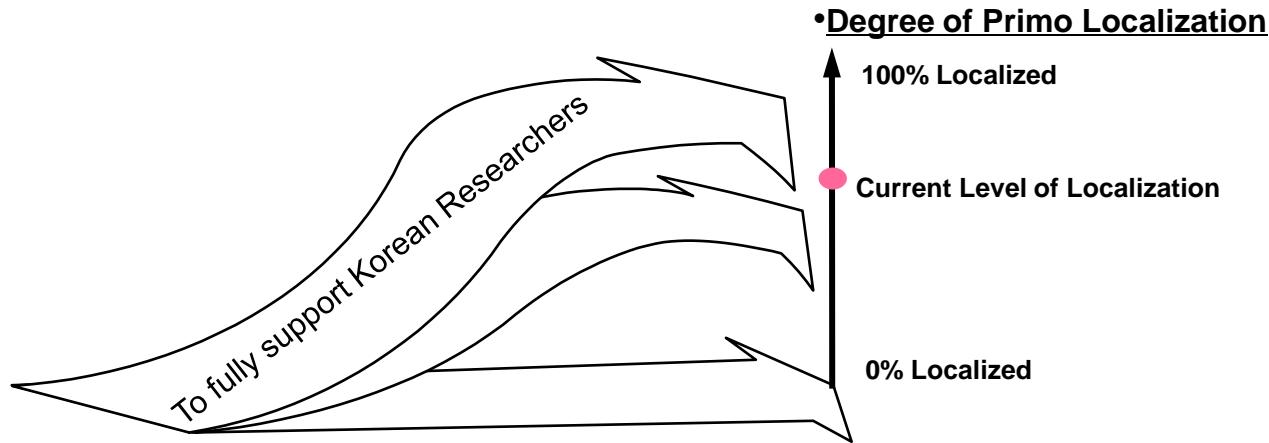
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Back to results list

## -3. LOCALIZATION



### What is localized & What needs to be localized

**Search**

- Precision of search needs to be improved
- Ongoing NR optimization

**FRBR**

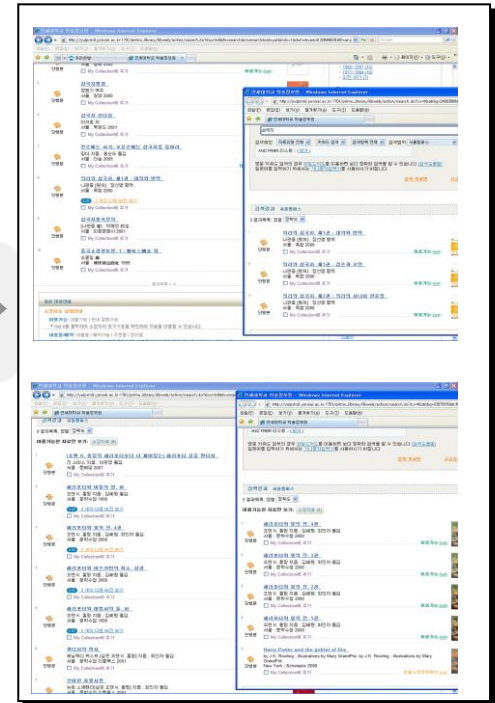
- FRBR only displays one of grouped books, so user can't identify the rest of books in group
- Especially, problematic when each volumes of the book have their own records

**DDC  
Enrichment**

- Supporting DDC enrichment is required as well as supporting LC enrichment

**Start With  
Search**

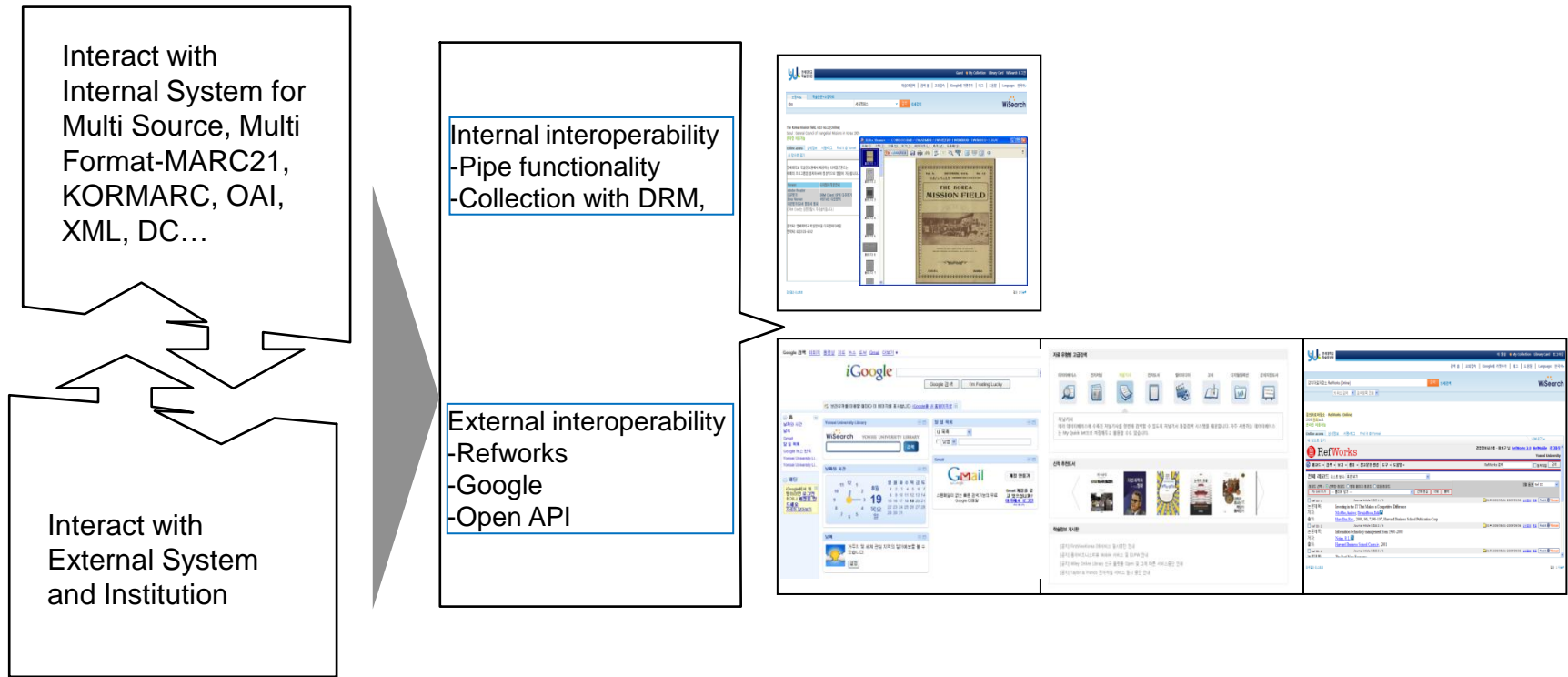
- Ongoing enhancement with Ex libris



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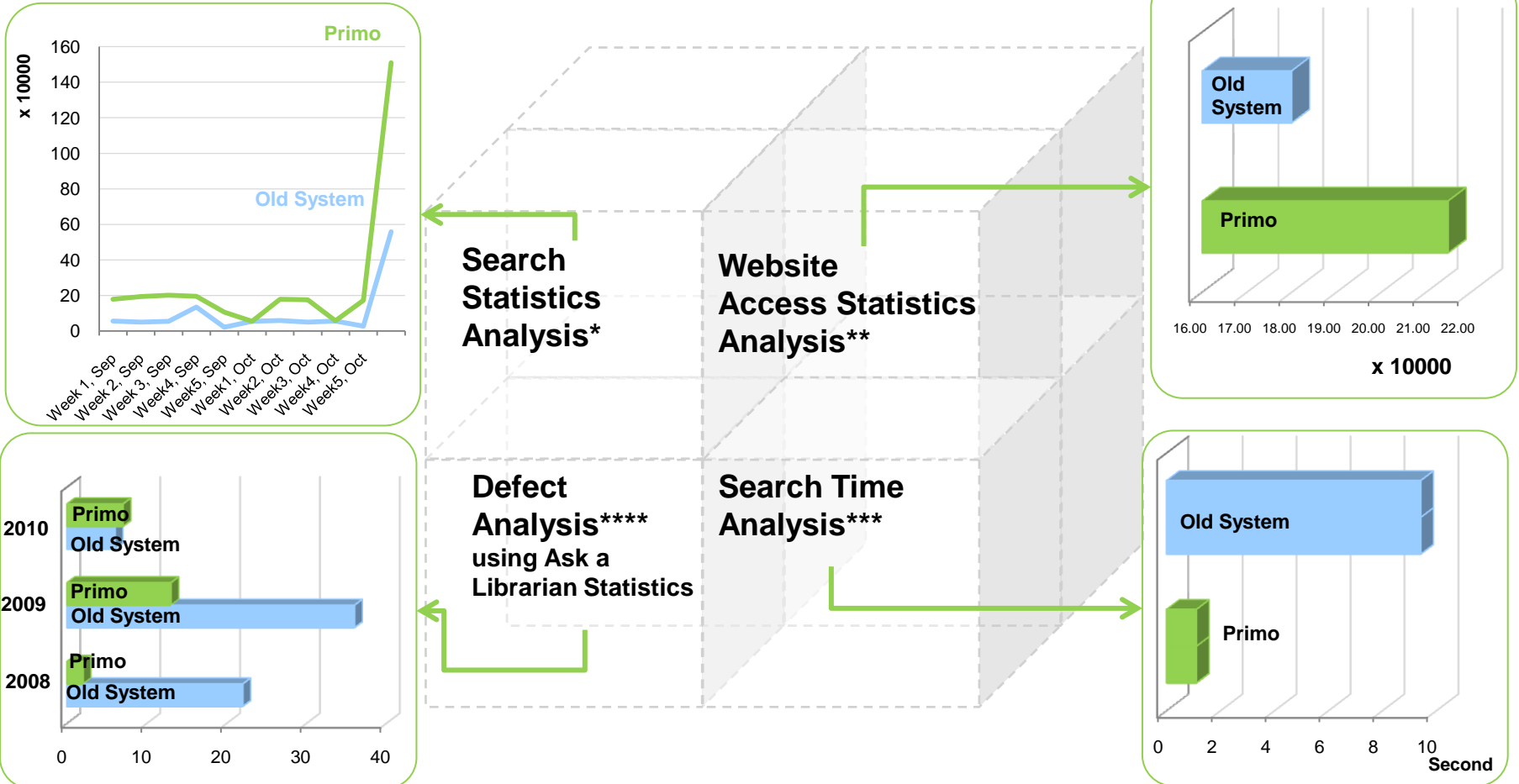
## -4. INTEROPERABILITY WITH INTERNAL/EXTERNAL SYSTEM

- Internal Systems
  - Supported by Data manipulation of Primo(Pipe & NR functionality)
  - Aleph, Digitool with DRM, Metalib, SFX, etc.
- External systems/institutions
  - Google, Refworks, etc.



# VI. ANALYSIS ON EXPECTED EFFECT OF PRIMO INTRODUCTION

- Change of Usage Statistics after Primo Implementation
  - Analysis conducted with four folds, such as Search stat., Web access stat., Defect stat., and Search Time stat.



\*Measuring search statistics of Primo(2009) and Old system(2008) from Sep. to Oct.  
 \*\*Measuring library website access statistics of Primo(2009) and Old system(2008) on Aug.  
 \*\*\*Measuring search time of Primo(2010) and Old system(2008) with selected keywords  
 \*\*\*\*Comparing the number of reports about searching materials and website usage from 'Ask a librarian' from 2008 to 2009

# VI. ANALYSIS ON EXPECTED EFFECT OF PRIMO INTRODUCTION

## Academic Information Platform

- Primo satisfies the demand of library search in university
  - Successfully supports 2 campus libraries and 5 branch libraries
- Primo affect the increased use of library search based on the empirical analysis
  - Strengthen the leadership of academic information of university library

## UI Customization

- To maximize the leverage effect of researchers, usability of library search needs to be enhanced
- Re-design UI as simple and intuitional
  - Two tab structure
  - Customized OVP
  - UI consistency
- However, separated information, such as availability and location, need to be displayed at one sight

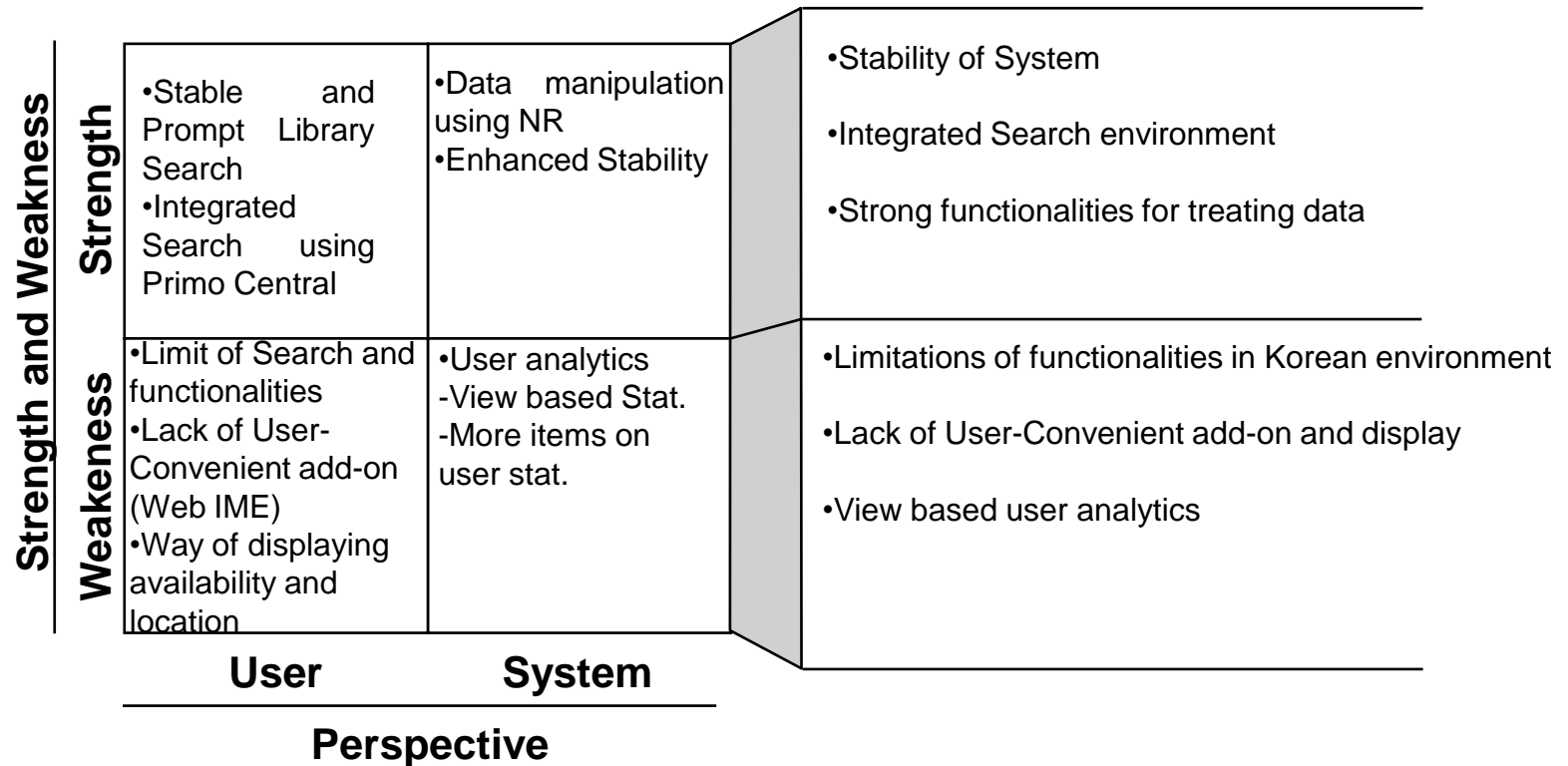
## Localization

- Korean Search is comparatively excellent in Primo even though it has some limitations
- However, the powerful functionalities of primo, such as FRBR, DDC enrichment, and Did you mean, need to be further localized
- Start with Search is on the ongoing improvement

## Interoperability

- Data manipulation using Pipe & NR can enable Primo import multi-source & multi format data, such as OAI, DC, MARC, etc.
- Yonsei implements Digttool collection with DRM in Primo
- Also have Primo interact with iGoogle, Refworks, and Open API for user-oriented services

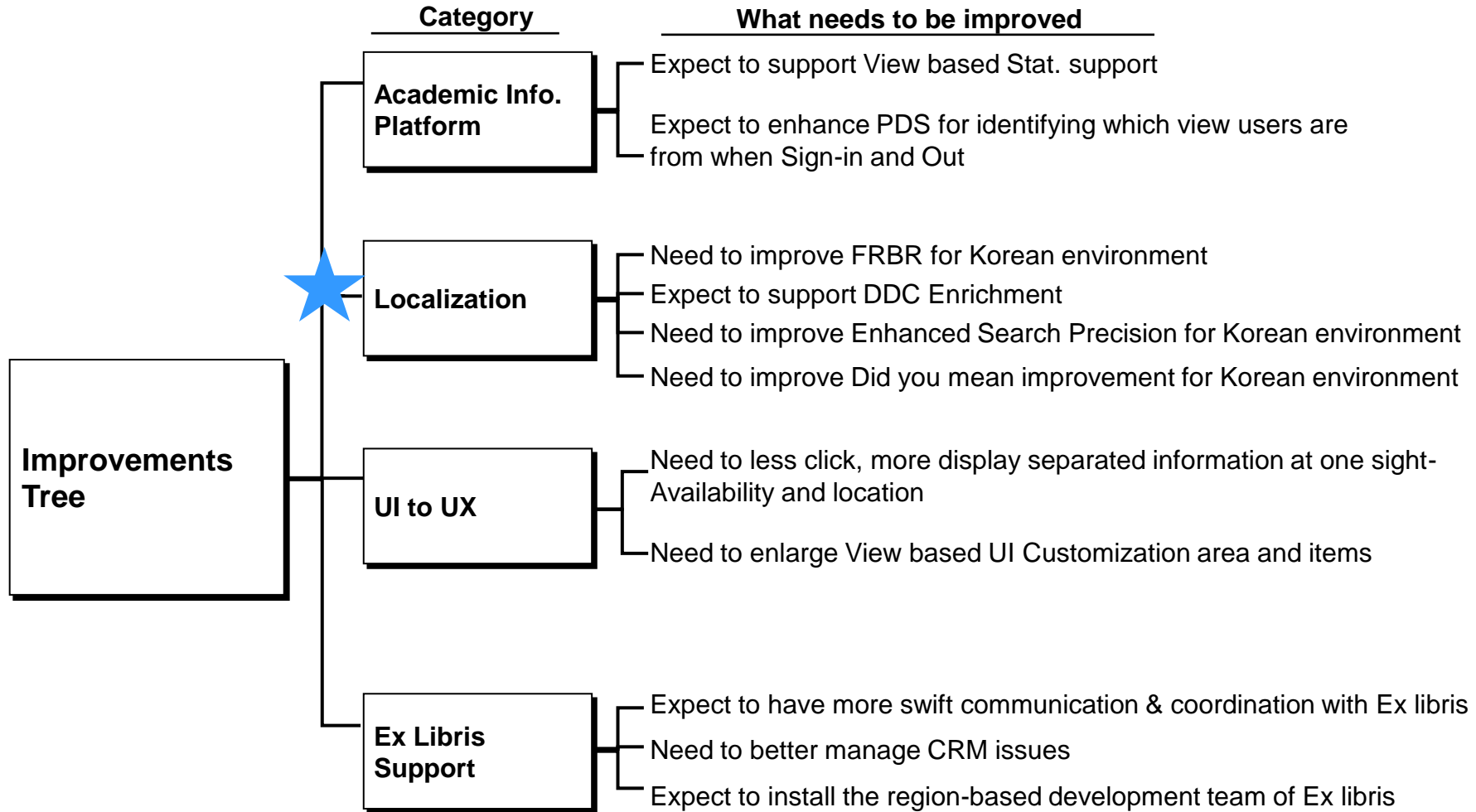
# VI. ANALYSIS ON EXPECTED EFFECT OF PRIMO INTRODUCTION





# VII. IMPROVEMENT REQUEST

## •Improvements requests tree based on Our experience



# VIII. IMPLICATION AND CONCLUSION FROM OUR EXPERIENCE

## Our Experience

- Implementation of Primo2, Primo3, and Primo Central
- Primo's interaction with seven new library websites



- Comparatively good performance and stability
- But, many issues, bugs, and lists to be improved

## Conclusion

Identifying Positive effect of Primo in terms of

- Primo acted as academic information Platform
- Strong data processing and manipulating functionalities

Confirming Primo's Contribution of

- Supporting the research activity
- Increasing research efficiency of users

## Implication

But, in terms of localization, Primo lacks the consideration of regional characteristics and Korean environment

Furthermore, the process of support from Ex libris needs to be enhanced

- Expect to install Region based development Team
- Expect more swift Communication & Coordination

# Q&A

Yonsei University Library (<http://library.yonsei.ac.kr>)

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