



# *USC Digital Archive*

PAST – PRESENT – FUTURE

## AGENDA



**INTRODUCTION: The Context**



**PROJECT COMPONENTS: Concept through Phase I**



**SAMPLE COLLECTIONS: Korean Resources**



**NEXT STEPS: Phase II**



### **WHY WE DID IT: The Original Impetus**

Lynn O’Leary-Archer

- > Recognizing a Changing Information Environment
- > Realizing Importance of Original Materials
- > Focusing on a Strategic Priority
- > Responding to Broad Faculty Interest



### **HOW WE GOT STARTED: First Steps**

- > Creating Initial Content
- > Building Local Partnerships
- > Developing a Digital Gateway



### **LEARNING AS WE WENT: The Value of Partnerships**

- > Sharing Costs and Responsibilities
- > Providing Richer Content
- > Enhancing Opportunities for Collaboration



### **THE EVOLVING CONTEXT: Responding to Continuous Change**

- > Burgeoning Production of Information
- > Changing User Expectations
- > Need for Flexible, Scalable Options

## PROJECT COMPONENTS

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### THE CHOICE OF DOCUMENTUM

Timothy Stanton

- > RFI went to CMS Industry and Traditional Library Vendors
- > Documentum Selected



### THE CHOICE OF DOCUMENTUM

Timothy Stanton

- > RFI went to CMS Industry and Traditional Library Vendors
- > Documentum Selected
- > Documentum, an Industry Leader
- > Expandable to Next Generation Library Services





### **CONTRIBUTOR MODULE WORK FLOW**

- > Collection Development Decision
- > Digitization



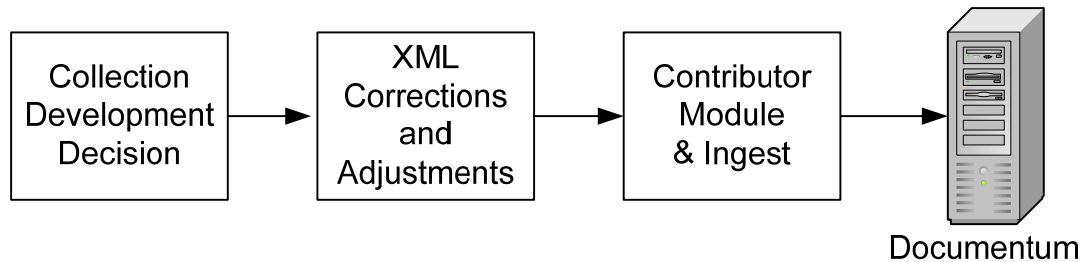
### CONTRIBUTOR MODULE WORK FLOW

- > Collection Development Decision
- > Digitization
- > The Ingest of Digital Content
  - Creation of Metadata
  - Taking Source to XML
- > Relational Database Design

## PROJECT COMPONENTS



### DIGITAL ARCHIVE PHASE I

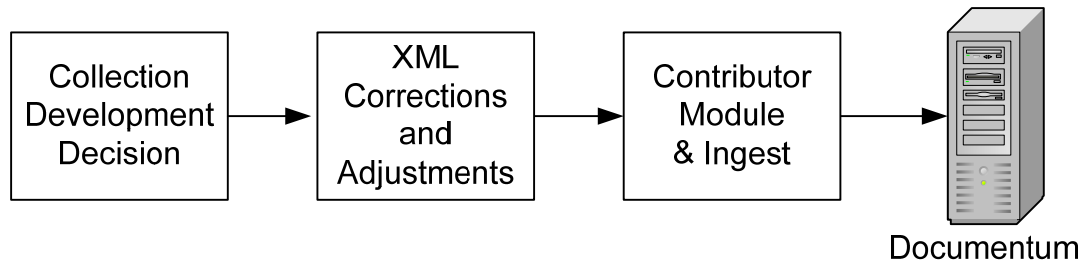


> Objects stored in the DCTM Server

## PROJECT COMPONENTS



### DIGITAL ARCHIVE PHASE I

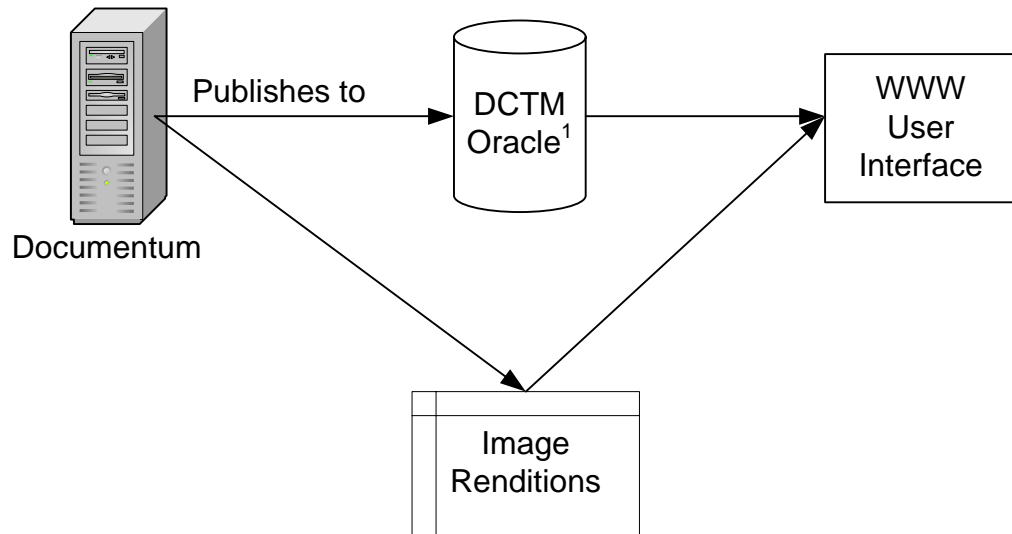


> Customized Documentum and Oracle Provide the User Interface



### DIGITAL ARCHIVE ARCHITECTURE

> Two Repositories,  
Contributors and Web Users

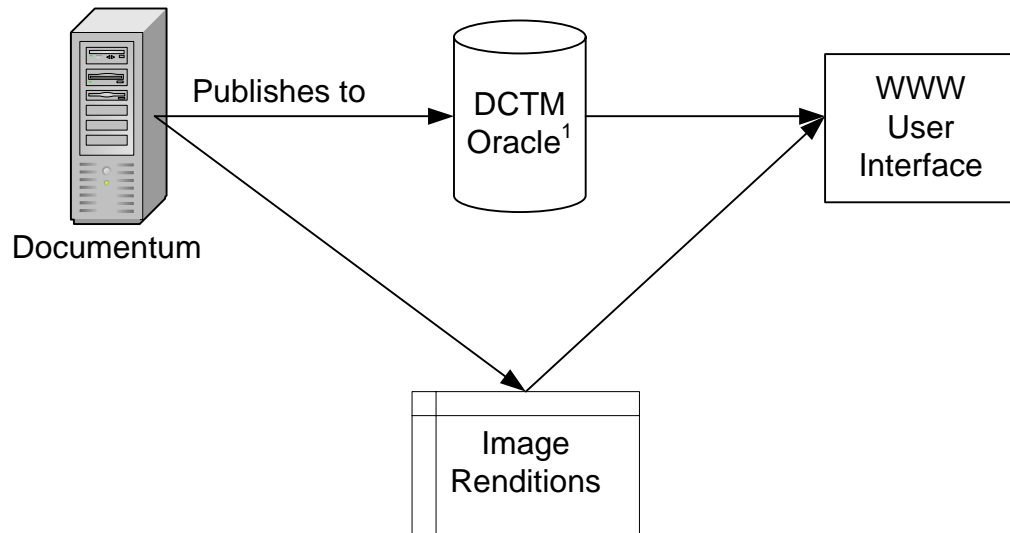


## PROJECT COMPONENTS



### DIGITAL ARCHIVE ARCHITECTURE

> Documentum's Web  
Publisher Extracts Content  
and Publishes to a Second  
Repository

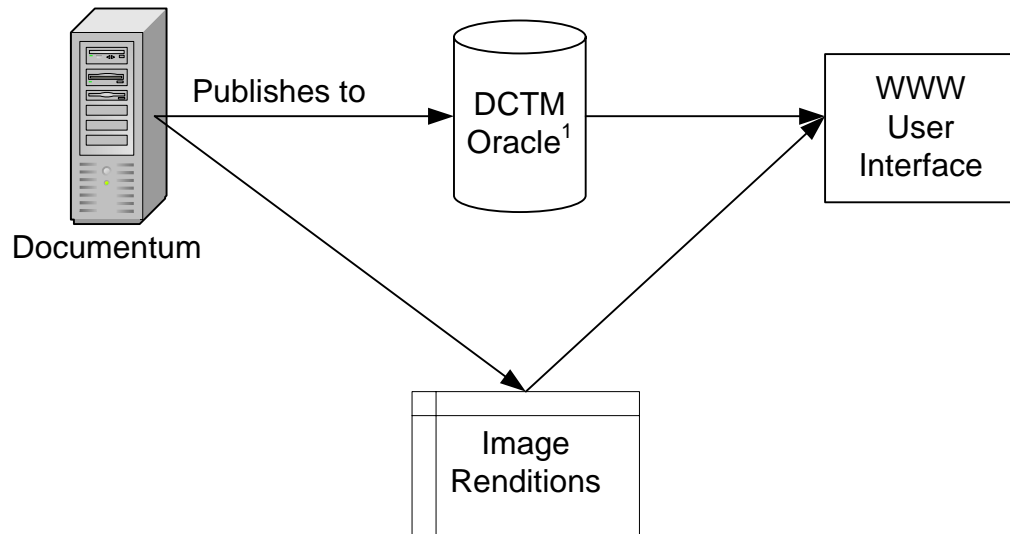


## PROJECT COMPONENTS



### DIGITAL ARCHIVE ARCHITECTURE

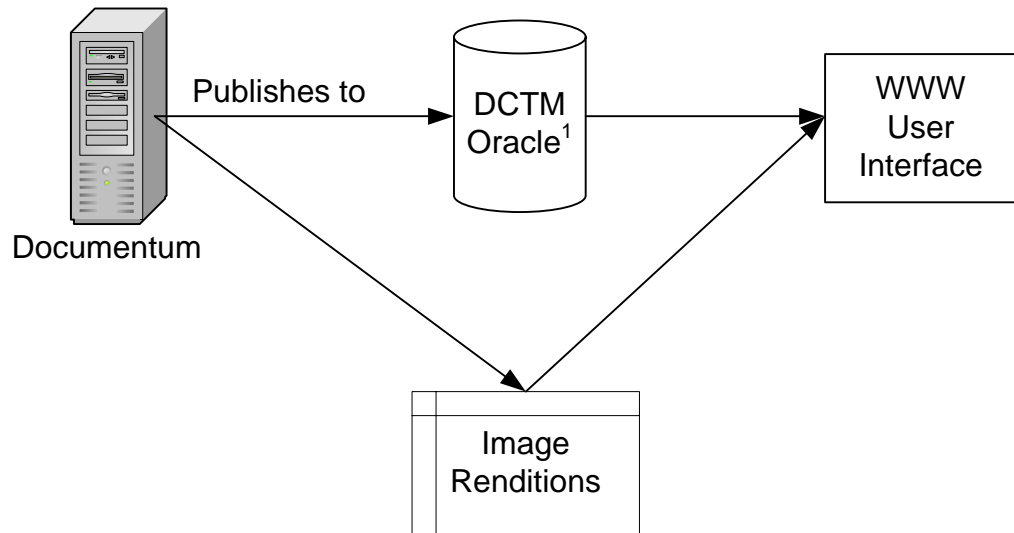
> Documentum Server Holds Object in File System





### DIGITAL ARCHIVE ARCHITECTURE

> Documentum Publishes to Oracle Server



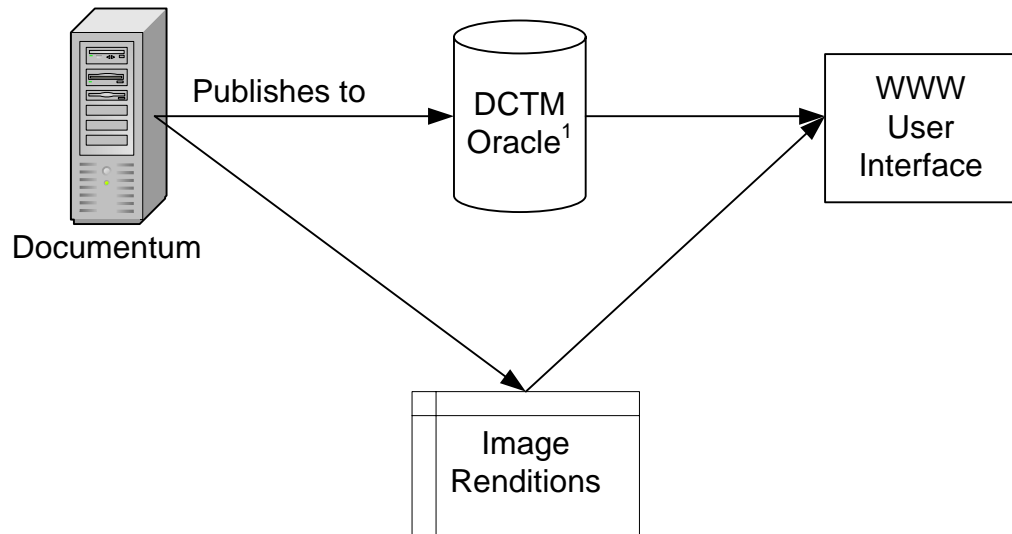


## PROJECT COMPONENTS



### DIGITAL ARCHIVE ARCHITECTURE

> Oracle Serves to the WWW



## PROJECT COMPONENTS



### EMBEDDING INDUSTRY BEST PRACTICES INTO A UNIVERSITY SETTING

- > No Longer \$10K and a Work-Study Student
- > Post R&D: The Project
- > Resources
- > Accountability
- > Scheduled Phases

## SAMPLE COLLECTIONS

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### **SEA OF KOREA MAPS DIGITAL ARCHIVE (SKMDA)**

**Joy Kim**





## SAMPLE COLLECTIONS



### SCOPE OF SKMDA

- > David Lee Collection
- > Shannon McCune Collection
- > 172 Maps from 1606-1895
- > Sea of Korea on 133 Maps
- > English, French, Japanese, Korean, Dutch, Latin  
German, Russian



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## SAMPLE COLLECTIONS



## INTERFACE: SEARCHING THE DIGITAL ARCHIVE

The screenshot shows a web browser window titled "USC Digital Archive" with the URL "http://digarc.usc.edu:8089/cispubsearch/". The browser's address bar and search bar are visible. The page features the USC logo and the text "DIGITAL ARCHIVE". A navigation menu includes links for "DIGITAL ARCHIVE HOME", "ABOUT DIGITAL ARCHIVE", "ABOUT COLLECTIONS", "COPYRIGHT", "ORDERING", "HISTORY", "SEARCH", "PREFERENCES", and "HELP". The main content area is titled "Welcome to the Digital Archive" and contains a search form. The search form includes a "Keyword" field, a "Collection" dropdown menu (with options like "El Clamor Publico", "Greene & Greene", "Japanese American Relocation", "Korean American", and "Sea of Korea Maps"), a "Format" dropdown menu, and a "Date" section with radio buttons for "All Dates", "Specific Year", and "Range of Dates". The "Range of Dates" section has "From" and "To" fields with month and day dropdowns. A "Search" button and a "Clear" button are at the bottom of the form. A vertical image of a map is on the left side of the search form.

Version 1.0.3 (July 30, 2004)  
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# USC Digital Archive

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## SAMPLE COLLECTIONS



## INTERFACE: SEARCH RESULTS PAGE

USC Digital Archive

http://digarc.usc.edu:8089/cispubsearch/CISMainSearch

DIGITAL ARCHIVE

DIGITAL ARCHIVE HOME | ABOUT DIGITAL ARCHIVE | ABOUT COLLECTIONS | COPYRIGHT | ORDERING

HISTORY | SEARCH | PREFERENCES | HELP

Search Results  
(Search Terms: NOT DEFINED)

Search within results: [Search]

Current View:  List  Lightbox

Go To Page: 1 [Go] [Next >>] [Last >>>]

Current Page: 1 of 18 Results 1 - 10 of 175

	Title	Collection	Creator	Date	Format
1	A chart exhibiting the new discoveries in the north & south Pacific Ocean : also those on the north-west coast of North America; and on the eastern coast of Tartary.	Sea of Korea Maps	Milne, John, R.	1809.	N/A to N/A maps
2	A chart of the world exhibiting the track of M. de La Perouse : also the tracks of the vessels Recherche & L'Esperance in search of that navigator.	Sea of Korea Maps	Stockdale, John, d.	1813.	N/A to N/A maps
3	A general chart of the world on Mercators projection exhibiting all the new discoveries and the tracks of the different circum-navigators.	Sea of Korea Maps	Charles, J.		N/A to N/A maps
4	A map of Asia according to the method of the Abbe Gaultier	Sea of Korea Maps	Wautier, Mr.		N/A to N/A maps
5	A map of Quanton, or Lea-tong province; and the kingdom of Kau-ii, or Corea.	Sea of Korea Maps	Kitchin, Thomas, d.	1784.	N/A to N/A maps
	A map of the				

## SAMPLE COLLECTIONS



## INTERFACE: RESULTS DETAIL PAGE

The screenshot shows a web browser window titled "USC Digital Archive" with the URL [http://digarc.usc.edu:8089/cispubsearch/resultsdetail.jsp?object\\_name=seako](http://digarc.usc.edu:8089/cispubsearch/resultsdetail.jsp?object_name=seako). The page content includes:

- Result Detail #3 of 3**
- An **E-Mail/Print** button above a central image of a historical map of China.
- Navigation arrows (left and right) on either side of the map image.
- Text below the map: "(Click on the image for expanded view.) China."
- A note: "For multi-image records, click on a thumbnail or icon to view the details below." followed by two thumbnails labeled **EAMC\_127** and **EAMC2127**.
- A **Metadata** section on the right containing the following information:
  - Record ID:** seakorea-m128
  - Title:** China.
  - Description:** Relief shown pictorially. "Medius Meridianus est 155 reliqui ad hunc inclinatur pro ratione 15 & 58 parallelorum." Includes illustrations of wheeled wind machine, junk, masted ship, and crucifixion. Represents Korea as an island, "Corea". Sea of Korea not labeled. Map verso has text "Regnum Chinae", p. 354 and 355.
  - Format:** Copper engraving, printed on chain-lined paper.
  - Subject:** China -- Maps -- Early works to 1800.
  - China -- Description and travel -- Early works to 1800.**
  - Korea -- Maps -- Early works to 1800.**
  - Maps -- Netherlands -- 1606.**
  - G7810 1606 .H7**
  - Place:** Scale ca. 1 cm. = 19 German miles (E72° -- W160° / N58° -- N15°).
  - China.
  - Korea.
  - Date2:** 1606
  - Source:** Sea of Korea Map Collection, map no. EAMC-127
  - Format1:** maps
  - Format2:** 1 map ; 36 x 47 cm., on sheet 46 x 58 cm.
  - Part of:** Shannon Boyd-Bailey McCune Collection
  - Creator:** Hondius, Jodocus, 1563-1612.
  - Contributor:** McCune, Shannon Boyd-Bailey, 1913-
  - Publisher:** I. Hondij, [Amsterdam :
  - Back to Search Results**

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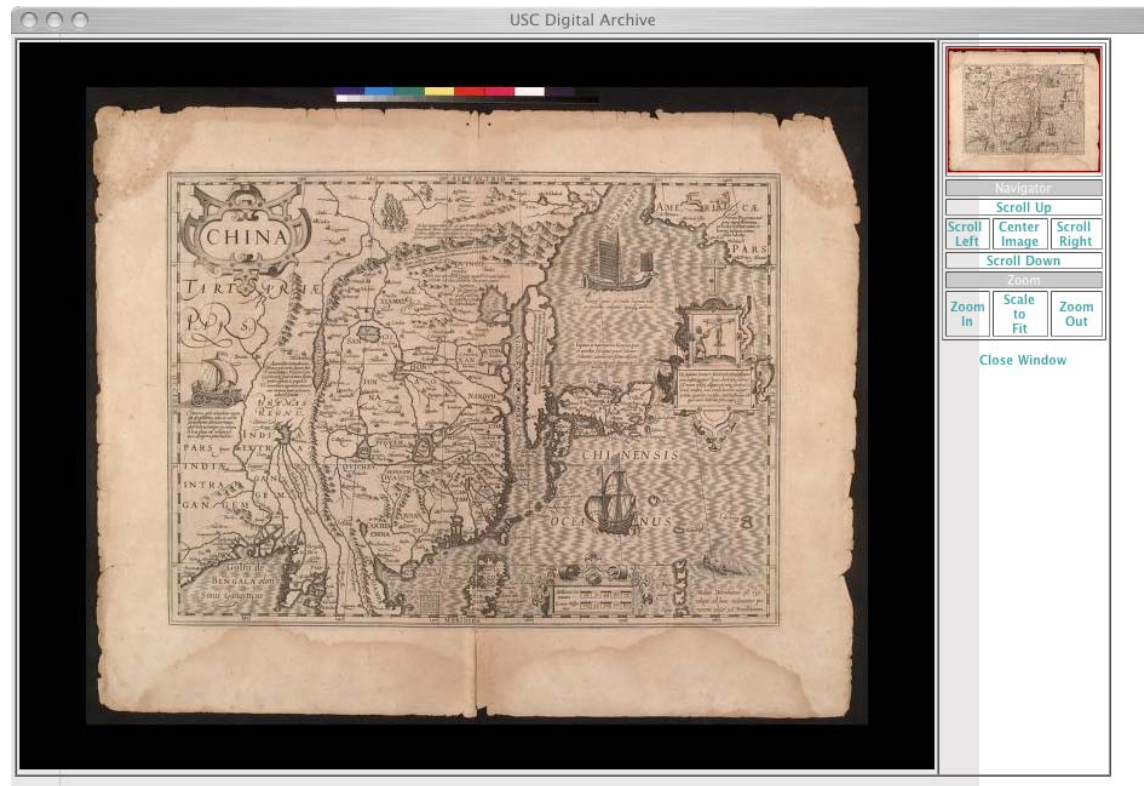
Version 1.0.3 (July 30, 2004)  
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## SAMPLE COLLECTIONS



### INTERFACE: MANIPULATING AN IMAGE, PART 1



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## SAMPLE COLLECTIONS



### INTERFACE: MANIPULATING AN IMAGE, PART 2

The screenshot displays a web browser window titled "USC Digital Archive". The main content is a detailed historical map of East Asia, showing regions like "CHINA", "SIAM", and "INDIA". The map is rendered in a classic, aged style with various geographical features and text labels. On the right side of the browser window, there is a vertical control panel. At the top of this panel is a small thumbnail of the map with a red rectangular selection box. Below the thumbnail are several buttons: "Navigator", "Scroll Up", "Scroll Left", "Center Image", "Scroll Right", "Scroll Down", "Zoom In", "Zoom", "Scale to Fit", "Zoom Out", and "Close Window". The browser window also shows standard window controls (minimize, maximize, close) at the top left.

## SAMPLE COLLECTIONS



### CONTENT EXAMPLES





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## SAMPLE COLLECTIONS



**KOREA BECOMES A  
PENINSULA IN 1626**



## SAMPLE COLLECTIONS



**THEN TURNS BACK  
TO AN ISLAND 4  
YEARS LATER, 1630**



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## SAMPLE COLLECTIONS



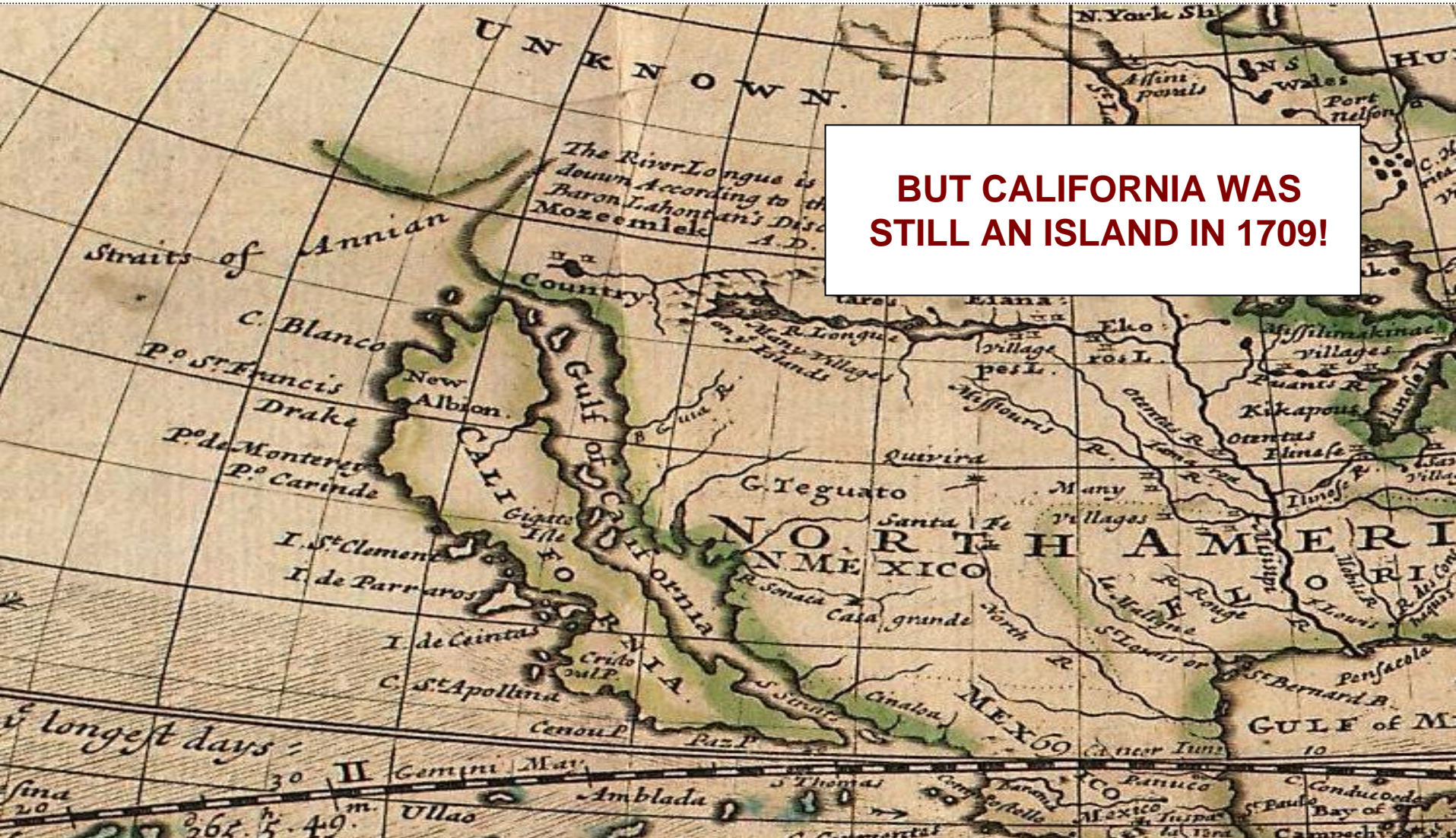
**THEN BECOMES A  
PENINSULA AGAIN IN 1648**



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## SAMPLE COLLECTIONS



**BUT CALIFORNIA WAS STILL AN ISLAND IN 1709!**



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## SAMPLE COLLECTIONS



Paris, 1740



## SAMPLE COLLECTIONS



Paris, 1745







# USC Digital Archive

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## SAMPLE COLLECTIONS



London, 1771



# USC Digital Archive

PAST – PRESENT – FUTURE

## SAMPLE COLLECTIONS



Leeds, 1785



# USC Digital Archive

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## SAMPLE COLLECTIONS



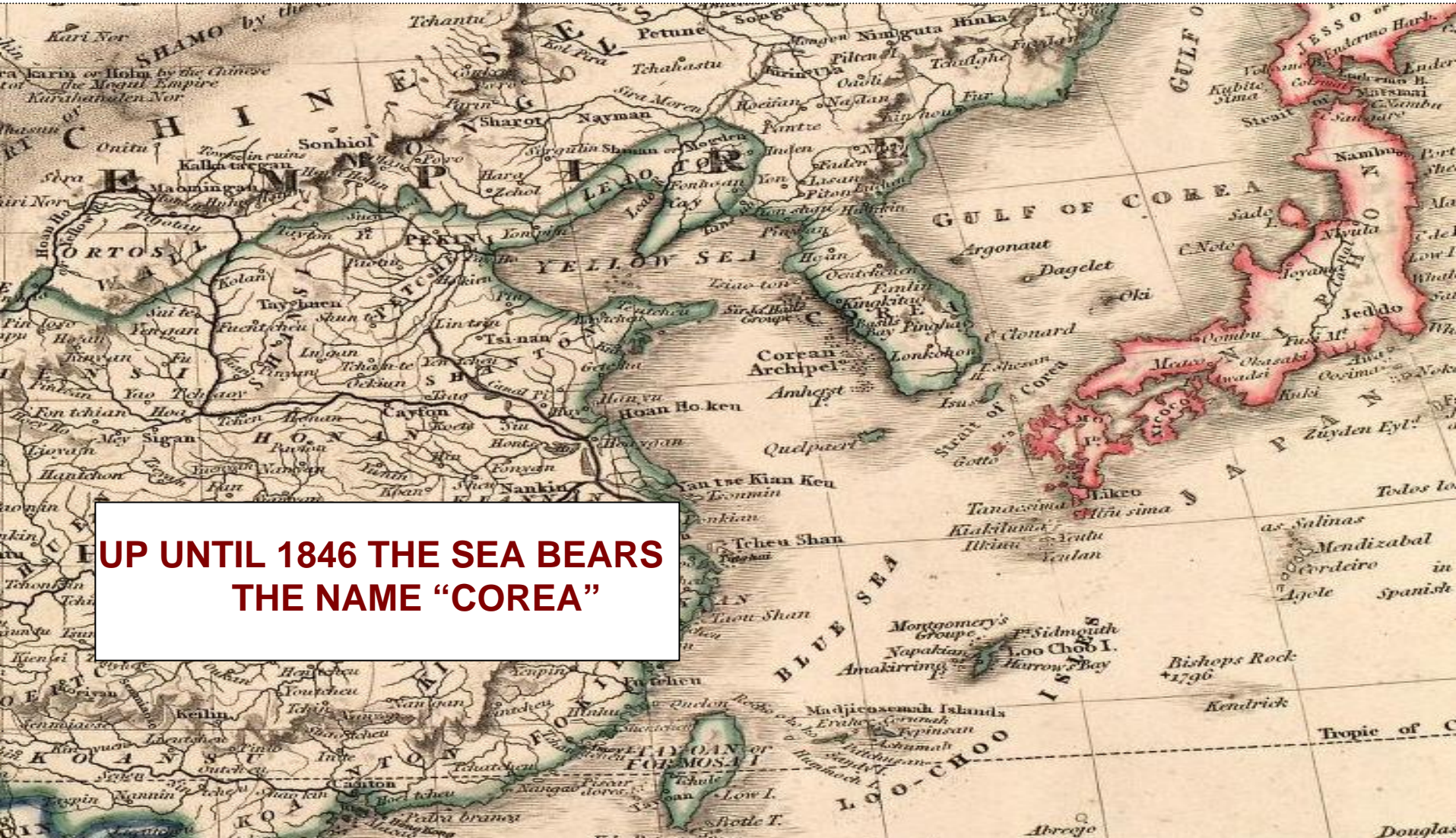
Leipzig, 1785



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## SAMPLE COLLECTIONS



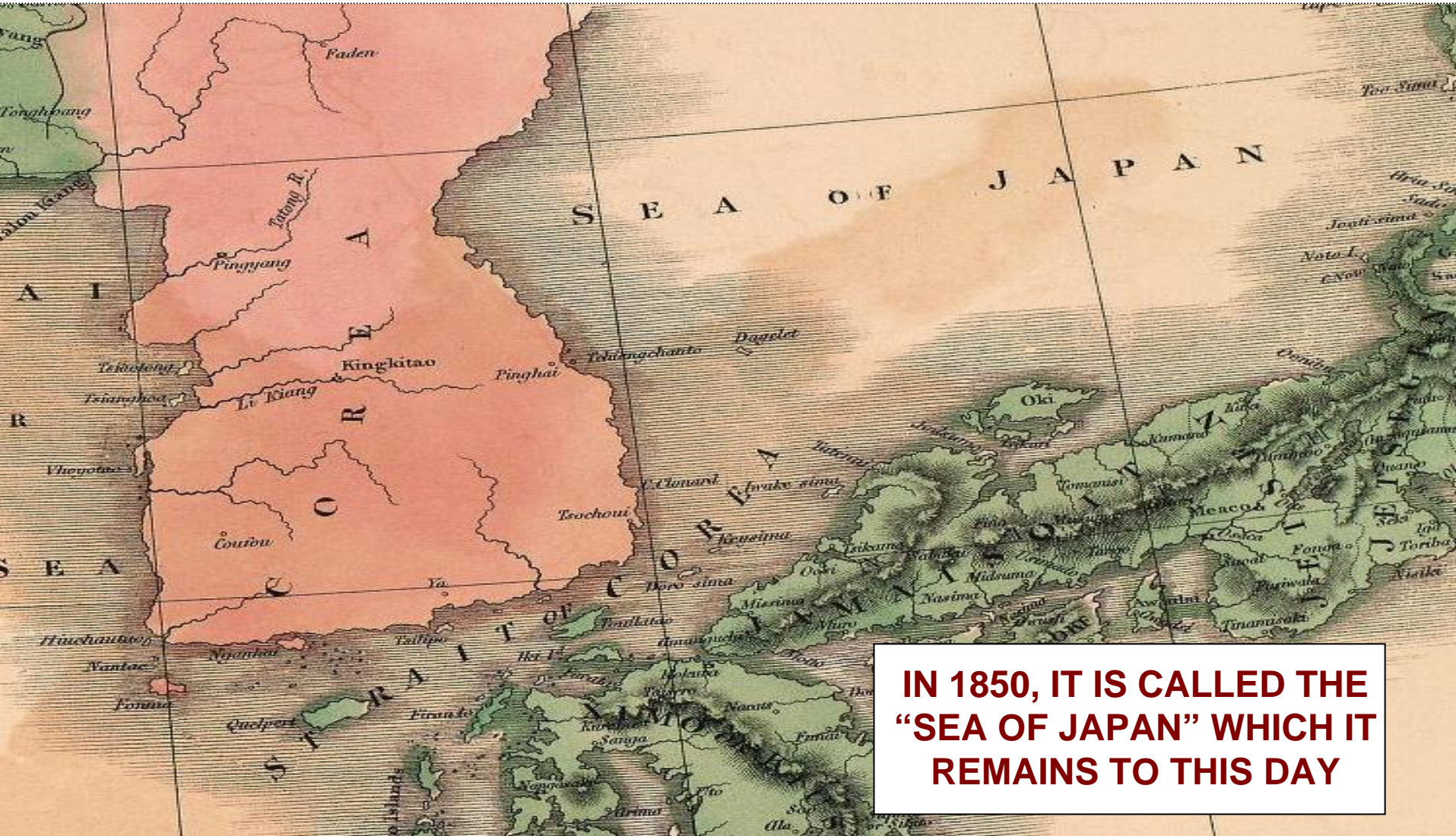
UP UNTIL 1846 THE SEA BEARS  
THE NAME "COREA"



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## SAMPLE COLLECTIONS



**IN 1850, IT IS CALLED THE  
"SEA OF JAPAN" WHICH IT  
REMAINS TO THIS DAY**



# USC Digital Archive

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## SAMPLE COLLECTIONS





## NEXT STEPS

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### PHASE II

Jewel Ward

> Phase II Components

## NEXT STEPS

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### PHASE II

- > Phase II Components
- > Expanded Architecture

## NEXT STEPS

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### PHASE II

- > Phase II Components
- > Expanded Architecture
- > Later Phases

## NEXT STEPS

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### PHASE II

- > Phase II Components
- > Expanded Architecture
- > Later Phases
- > Related Projects

## NEXT STEPS

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### PHASE II COMPONENTS

June 2004 to July 2005

> Expansion of Phase I Architecture

## NEXT STEPS

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### PHASE II COMPONENTS

June 2004 to July 2005

- > Expansion of Phase I Architecture
- > Continued Enhancements to the User Interface

## NEXT STEPS

---



### PHASE II COMPONENTS

June 2004 to July 2005

- > Expansion of Phase I Architecture
- > Continued Enhancements to the User Interface
- > Mapping of Collections

## NEXT STEPS



### PHASE II COMPONENTS

June 2004 to July 2005

- > Expansion of Phase I Architecture
- > Continued Enhancements to the User Interface
- > Mapping of Collections
- > Continued Enhancements to the Contributor Module



## NEXT STEPS



### PHASE II COMPONENTS

June 2004 to July 2005

- > Expansion of Phase I Architecture
- > Continued Enhancements to the User Interface
- > Mapping of Collections
- > Continued Enhancements to the Contributor Module
- > Integration of Thesaurus Management

## NEXT STEPS



### PHASE II COMPONENTS

June 2004 to July 2005

- > Expansion of Phase I Architecture
- > Continued Enhancements to the User Interface
- > Mapping of Collections
- > Continued Enhancements to the Contributor Module
- > Integration of Thesaurus Management
- > Implementation of Reports and Usage Statistics Tools

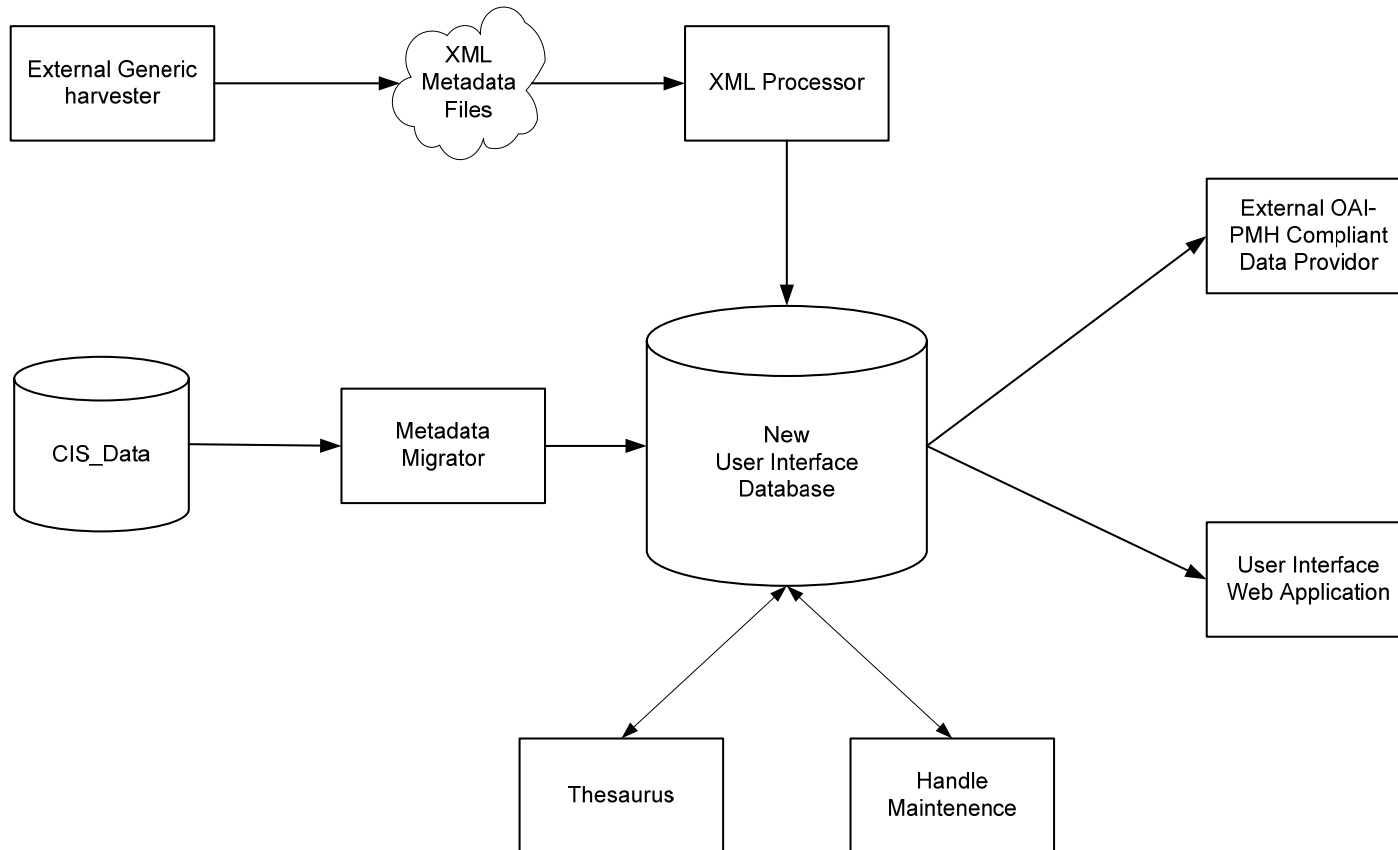
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## NEXT STEPS



### EXPANDED ARCHITECTURE



## NEXT STEPS

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### **DIGITAL ARCHIVE: LATER PHASES**

> Contributor Module Enhancements

## NEXT STEPS

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### DIGITAL ARCHIVE: LATER PHASES

- > Contributor Module Enhancements
- > Contributor Module Lite

## NEXT STEPS

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### DIGITAL ARCHIVE: LATER PHASES

- > Contributor Module Enhancements
- > Contributor Module Lite
- > EAD Incorporation

## NEXT STEPS

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### DIGITAL ARCHIVE: LATER PHASES

- > Contributor Module Enhancements
- > Contributor Module Lite
- > EAD Incorporation
- > E-Commerce Capabilities

## NEXT STEPS

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### DIGITAL ARCHIVE: LATER PHASES

- > Contributor Module Enhancements
- > Contributor Module Lite
- > EAD Incorporation
- > E-Commerce Capabilities
- > Access Control



## NEXT STEPS

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### RELATED PROJECTS

- > Geo-spatial Interface (GIS)
- > Institutional Repository
- > Digital Preservation

## IN CONCLUSION

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### THANK YOU

- > Lynn O’Leary-Archer
- > Tim Stanton
- > Joy Kim
- > Jewel Ward