Oriental Institute
Integrated Database Project

An "Integrated" Database:

What, Why, and How

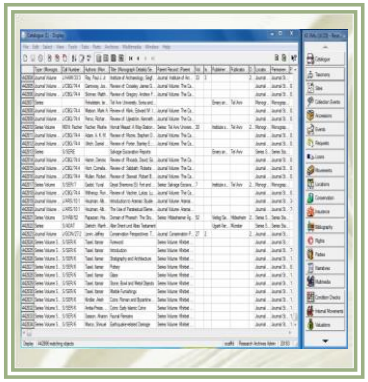
Presentation for
University of Cincinnati

Objectives

- Migrate data from legacy systems to a more robust and sustainable software environment appropriate for cultural heritage requirements
- Assist in the management, preservation, and curation of physical collections
- Make data accessible to scholarly and public audiences
- Integrate data between institutional departments in unprecedented ways
- Expand the scope and utility of the data and data functionality with core users in mind including staff, scholars, and public
- Explore possibilities for further integration between sister institutions and projects

Project Timeline

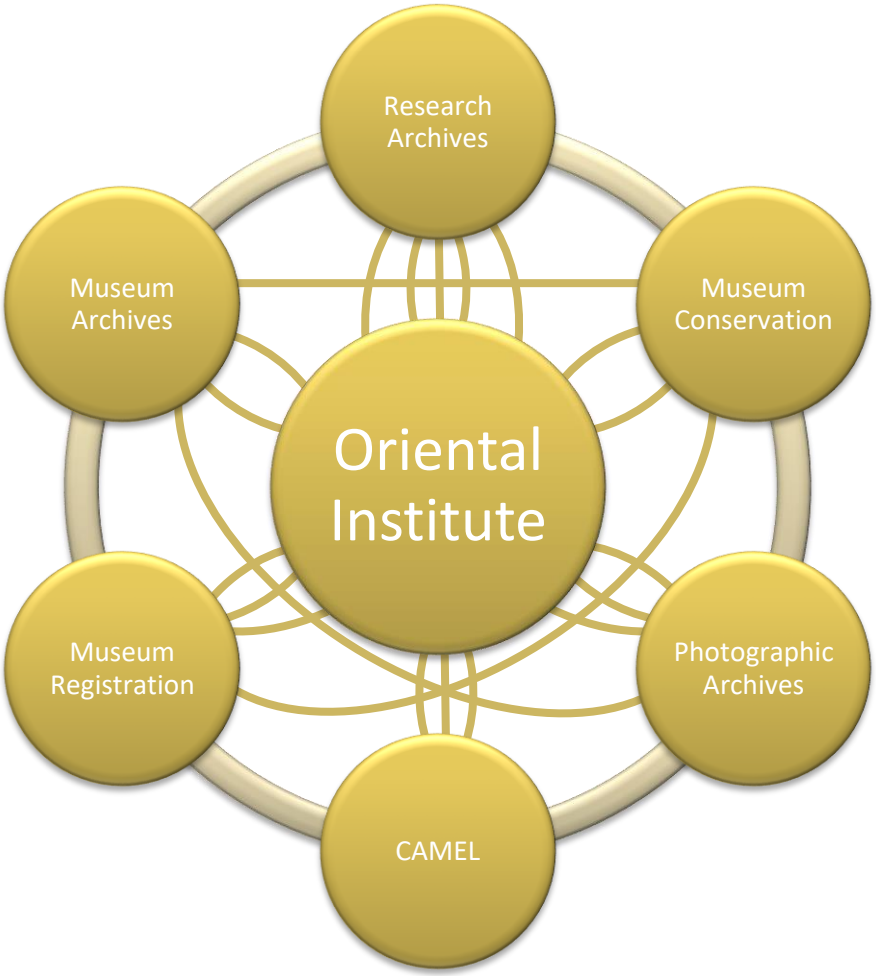
Data Architecture



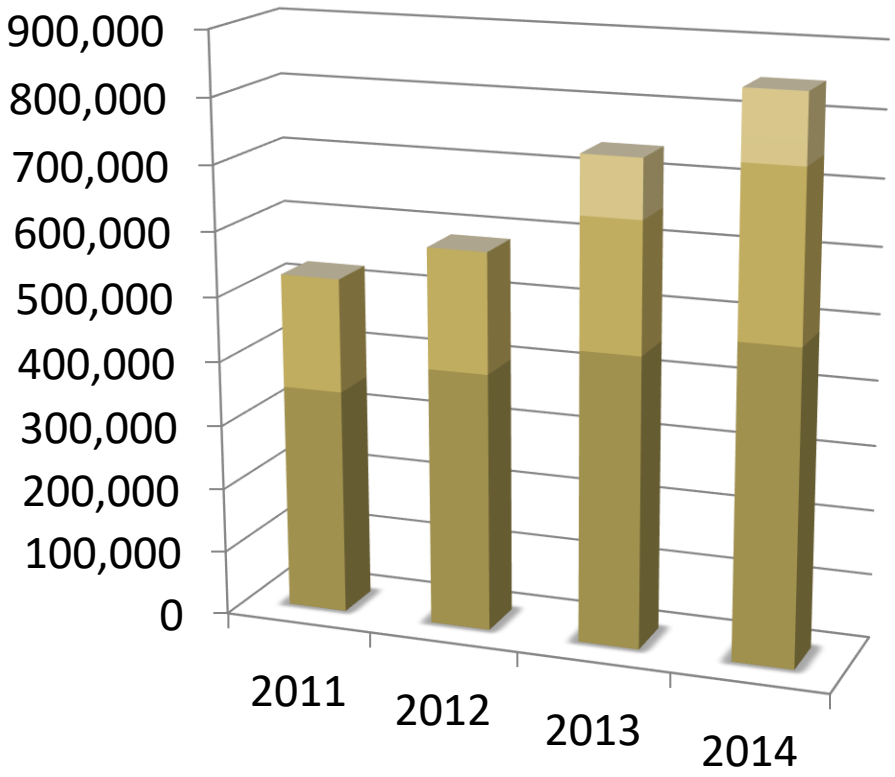
- Internal Client Server
  - Development and Live Servers
    - Backups and Server Admin

- Public Server for Browser Access
  - Development and Live Servers
    - Backups and Server Admin

Data Integration



Bundle Map of the OI Schema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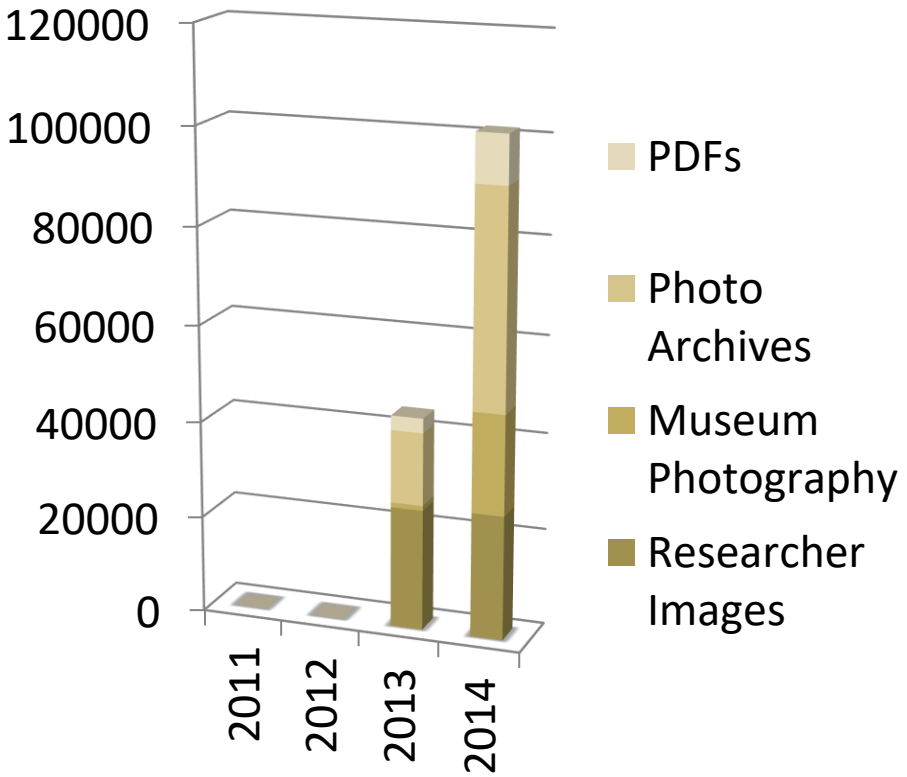
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PDFs
Photo Archives
Museum Photography
Researcher Images

Open Access

- OI Collections Search
- Streamlined design
- Integrated searching
- Build custom searches across multiple data silos
- Browse collections based on preselected criteria
- Download data for personal use

Summary

- Sustainable platform for data stewardship
- Integrated bibliographic and object data searching, sorting, and browsing
- Migration of further data silos and integration between bibliographic, object, conservation, archival, photographic, and GIS data
- Expanded data entry to include archaeological field data, author's biographical data, and further thesaurus refinement for integration between silos
- Eventual integration between fellow institutions