Alpha Presentation
“Stacklife” Library Search and Display Tool

The Capstone Experience
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Project Overview

• Create an easy interactive site to access Islamic Law Text
• Store information about Islam Law texts from Harvard Library
• Display analytic information
• Allow researchers to customize searches and record search history
System Architecture

Amazon RDS

Web Application
- Flask
- Python
- Bootstrap

docker

AWS
Homepage

StackLife
Library Search and Display Tool

Analytics
# Results

<table>
<thead>
<tr>
<th>Title</th>
<th>Genre</th>
<th>Topic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pablo Picasso, Cannes yakınlarındaki Notre-Dame-de-Vie'deki evinde, 1971 Panel at Second Avenue and 10th Street discussing Non-critic artists * with members at table: Joop Sanders</td>
<td>None</td>
<td>oivsurrogates1029970</td>
<td>at his home in Notre-Dame-de-Vie near Cannes</td>
</tr>
<tr>
<td>Pablo Picasso, Cannes yakınlarındaki Notre-Dame-de-Vie'deki evinde, 1971 At the end of the party, a good-night kiss</td>
<td>Fine Arts Library</td>
<td>peace movements</td>
<td></td>
</tr>
<tr>
<td>Pablo Picasso, Cannes yakınlarındaki Notre-Dame-de-Vie'deki evinde, 1971 Notre-Dame de La Souterraine, La Souterraine, Creuse, Limousin, France</td>
<td>Fine Arts Library</td>
<td>peace movements</td>
<td>alternative</td>
</tr>
</tbody>
</table>

* *Non-critic artists*
Single Result

StackLife
Library Search and Display Tool

Title
Pablo Picasso, Cannes yakınlarındaki Notre-Dame-de-Vie'deki evinde, 1971 Notre-Dame de La Souterraine, La Souterraine, Creuse, Limousin, France

Abstract
alternative

Genre
Fine Arts Library

Topic
peace movements
Advanced Search

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Topics
- group portraits
- hats
- eng
- pets
- mihars
- medallions (ornament areas)
- erature
- books literature
- books
- Jesus Christ
- book covers
- deer
- Shi’a
- dear books
- scrolling foliage
- bows (weapons)
- terraces

Geographic Regions
- All
- Africa
- North America
- Asia
- Europe

Empire & Era
- All
- Early Islamic Rule
- ‘Abbāsids
- Umayyads
- Subsequent Empires

Document Type
- All
- Historic Primary Sources
- Contemporary Sources
- Sources by School

Genres
- g
- photographs
- ephemera
- iso8601
- summer houses (seasonal dwellings)
- palace complexes
- fortified towns
- tomb
- l
- tomb Korans
- tomb manuscripts (document genre)
- uscripts (document genre)
- histories
- k covers
- alwork
- lacquer

Saved Searches
Family Law in Iraq

Save Search
What’s left to do?

- Saved search feature
- Recommendations
- Migrate all records
- Clean and filter data
Questions?