Integrating ArchivesSpace w/Drupal 7 (& Islandora)*

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* sort of
** not an archivist
Service layer for ArchiveSpace (w/o a digital repository or PUI)

Digital repository not feasible
No organization mandate for microservice-based workflow
Single requirement to provide public service layer
Why not simply extend ArchivesSpace?

Autodocs not all that helpful
Lack of in-house expertise with JRoR, MVC
Limited developer support in forums, StackOverflow, et al.
Operational challenges at the Academy

Bilingual, bicultural organization
Corps of volunteers & non-professional catalogers in Rome
One part time long arranger in New York
Working within operational and financial constraints
Encountering ArchivesSpace limitations early on

Public & staff UI limited (though Mark Custer & PUI team rock)
Cross-repository design decisions
Weird digital object display implementation
Lettings ArchivesSpace
do ArchivesSpace

Advanced queries
API-first design
HTTP responses quite performant
Predictable JSONModel schema
Update & delete feeds
Letting Drupal do Drupal

Enormous community of developers, site builders, end users
Rich ecosystem of well-designed, well-maintained projects
Solid governance, sustained financial support
RESTClient & WSData modules
ArchivesSpace data types represented in Drupal

Agents
Archival objects
Corporate entities
Digital objects
Subjects
<table>
<thead>
<tr>
<th>FIELD</th>
<th>TYPE</th>
<th>PROCESSOR</th>
<th>WSCONFIG</th>
<th>INSTANCES</th>
<th>OPERATIONS</th>
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</thead>
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<td>Text</td>
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<td>aspace_objects</td>
<td>node-&gt;accession, node-&gt;digital_object, node-&gt;resource, node-&gt;archival_object, node-&gt;agent_people, node-&gt;location, node-&gt;agent_corporate_entities, taxonomy_term-&gt;aspace_subjects</td>
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<tr>
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<td>aspace_objects</td>
<td>node-&gt;accession</td>
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<tr>
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</tbody>
</table>
Casa al-Banat, Palace of the Ladies (Raqs, Syria), general view of the pu.

Negative missing

Description from existing inventory with

Photographic Materials
Benefits of integrating with Drupal

Content, access control, & user account management
Collaboration tools, workflow, & notifications
Granular analytics
Opportunities for non-developers, site builders
True multilingual support
Extending ArchivesSpace data with Drupal

Annotations
Citation support
Integration with gazetteers & non-archival resources
Geolocations & maps
Save-for-later & carts
Other Drupal projects that recontextualize external data

Granicus’ DKAN for open public data
govCMS for government data
SugarCRM, CiviCRM
Omeka
The Academy’s role in future development

Committed to Drupal 8 (& 9 & 10…)
Exploit migration, http client, & versioning in >D8
Maintain project on d.o & support Drupal distribution
Position Academy as maintainer of Drupal integrations
Provide documentation & support
Completing digital repository implementation (Islandora)

Addition of METS, MODS, PREMIS data streams
Increase repository trustworthiness
Lyrasis-developed ArchivesSpace-to-Islandora plugin
Seeking partners & funding!

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