Metadata Integration for an Archaeology Collection Architecture

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DC-2014
Austin, Texas

<dcterms:identifier>PZ77_725_b38_p47_f18_M.tif</dcterms:identifier>
<dcterms:spatial>Pantanello</dcterms:spatial>
<dcterms:subject>terracotta</dcterms:subject>
The Role of Metadata

• At the center of a complex *collection architecture*
• Bridges semantics, lifecycle stages, data objects, changing practices and technologies
• Preserves integrity of data and research
• Empowers researchers as curators
• Provides links between legacy and new data
• Facilitates research, recordkeeping, archiving, and publication workflows
• Enables archiving “on the fly”
gather data

Recordkeeping System

further describe

static/stable

Corral/iRODS

generate thumbnails, record permanent URI

assess

needs more study, description, selection for publication

done

permanent URI/DOI

auto-extract metadata, populate iCAT and METS documents

ARK
## Metadata Integration

<table>
<thead>
<tr>
<th>Record Keeping Example</th>
<th>ARK term</th>
<th>ARK value</th>
<th>DC Term</th>
<th>DC Value</th>
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Conclusions

• Collection architecture as a model for complex research collections

• Dublin Core acts as an integrative platform

• Dublin Core enables active curation

• Dublin Core facilitates knowledge creation