Workflows and Tools for Ingest of Research Data into the UC San Diego Library Repository

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Overview

1. System
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Browse by Collection: UCSD Research Data Collections

View current collections below. Click an image or link for a full description.

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Bee Research Methods: Video Demonstrations
This collection shows bee behaviors and methods used to study bee behaviors.

Khirbat en-Nahas Project
A collection of archaeological artifacts and data for the excavation of the Khirbat en-Nahas site, and exploration of Iron Age state formation in southern Jordan.

Santa Fe Light Cone Simulation research project files
This project was the result of an ongoing effort by the Laboratory for Computational Astrophysics, leading to development of the Enzo simulation software capable of a seven-level adaptive mesh refinement (AMR) cosmology simulation.

Scripps Institution of Oceanography, Geological Collections
A growing archive of sea-floor samples and associated data supporting a diverse variety of scientific research.

Teaching Bee
This collection of documents provides teaching exercises and information for instructors of students ranging from junior high school through college.

http://library.ucsd.edu/oc/rci/collections
Allow for full description of the collection, including controlled names, headings, notes and links to related resources.

Collocate collection items (of course!)
Multi-level objects with ordered, hierarchical relationships between the parent object and child components.
Standard Input Streams

- Source Metadata
  - Data Providers
- Mapping & Remediation
  - Metadata Analysts
- Import Form
- DAMS/Digital Collections
Standard Metadata Formats

- Archivists’ Toolkit exported METS/MODS records
- MARC records from our ILS
- Excel files in conformance with a format developed by us
Ingest process:
Metadata Preview
Metadata Transformation
Supplemental Metadata
Mint ARK
Tech Metadata Extraction
Derivative Generation
Fixity
Event Metadata Recorded
Indexing
Reporting
Standard Input Streams

Source Metadata

Data Providers

Mapping & Remediation

Metadata Analysts

Import Form

DAMS/Digital Collections
What’s Next

New Input Stream Tools
Fedora 4

Revised Data Model:
● Portland Common Data Model
● DPLA/Europeana Model
● UC San Diego specific classes/properties