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Digital Library Migration at Florida International University

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Digital Library Migration

at Florida International University

FIU Digital Collections Center

Systems

DigiTool
Ex Libris

Homegrown
ColdFusion

dPanther (SobekCM)

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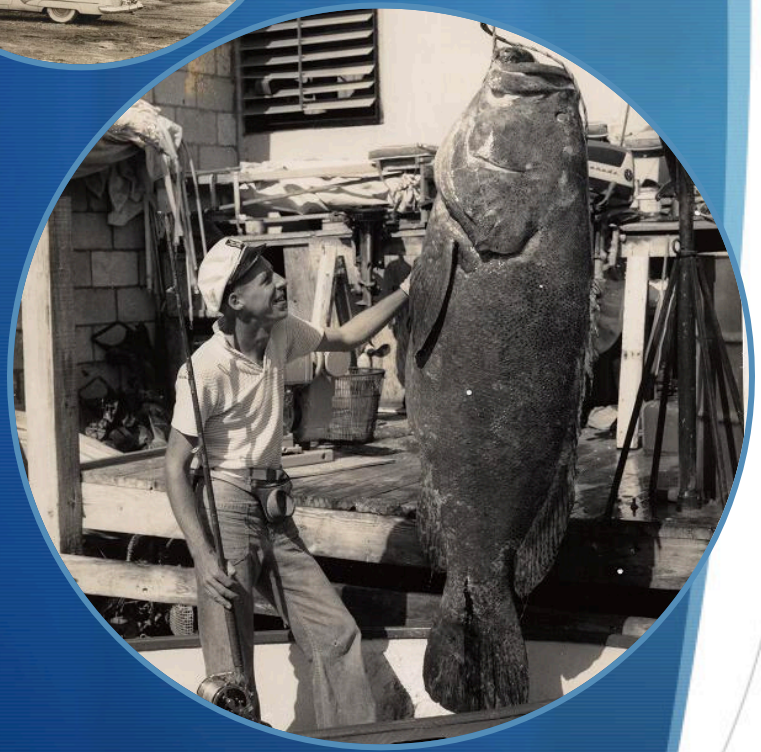

Stats

- 2 years
- Migrated 30,207 records
- Personnel
  - Digital Collections Center
  - Cataloging
  - Sound and Image
  - GIS
  - Library Systems

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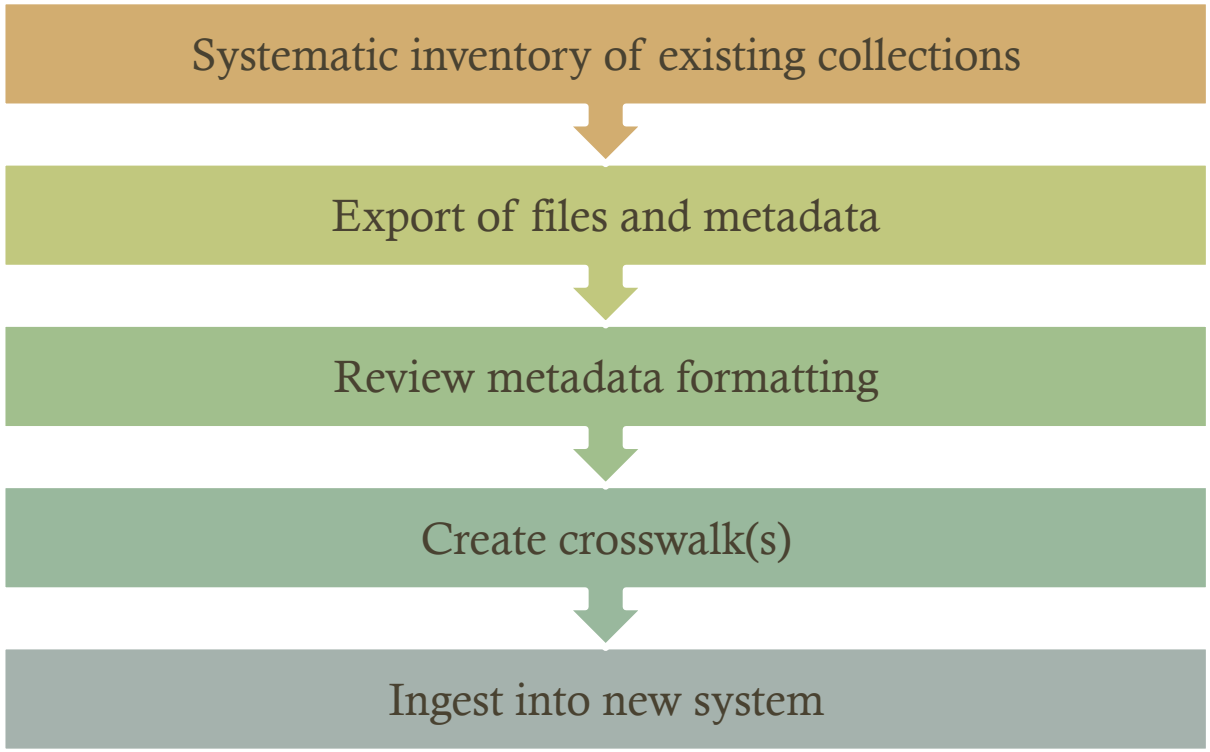
Process Overview



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Inventory

- Number of records
- Structure/organization of collections
- Types of materials (text, images, audio/video, maps)
- Simple or complex objects
- Quality of digital files

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Inventory

- Quality of metadata
- Types of metadata schema(s)
- Restrictions (IP and/or authentication)
- Persistent URLs (PURLS)
- Unique identifiers (user generated, system generated, other)

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Export

Exporting files and metadata in a format that will be useful is not always an easy task, depending on the system.

We want to give a BIG THANK YOU to FLVC and FIU's Systems Department for their help with this.

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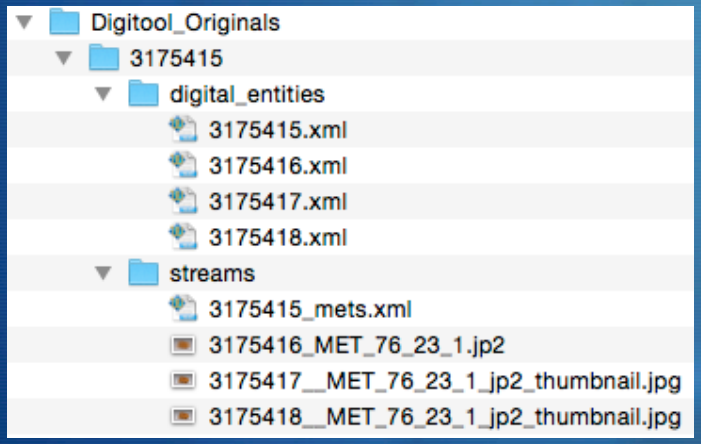
Export

METS and Non-METS




```
<METS:dmdSec ID="DMD2">
  <METS:mdWrap MDTYPE="OTHER" OTHERMDTYPE="SOBEKCM" MIMETYPE="
    <METS:xmlData>
      <sobekcm:procParam xmlns:sobekcm="http://digital.uflib.u
        <sobekcm:Aggregation>MILE</sobekcm:Aggregation>
      </sobekcm:procParam>
      <sobekcm:bibDesc xmlns:sobekcm="http://digital.uflib.uf
        <sobekcm:BibID>MM81000391</sobekcm:BibID>
        <sobekcm:VID>00001</sobekcm:VID>
        <sobekcm:EncodingLevel>I</sobekcm:EncodingLevel>
        <sobekcm:Publisher>
          <sobekcm:Name>Flagler Foto</sobekcm:Name>
          <sobekcm:PlaceTerm type="text">Homestead, Fla</sobek
        </sobekcm:Publisher>
        <sobekcm:Source>
          <sobekcm:statement code="FIU">Florida International
        </sobekcm:Source>
      </sobekcm:bibDesc>
    </METS:xmlData>
  </METS:mdWrap>
</METS:dmdSec>
<METS:fileSec>
  <METS:fileGrp USE="reference">
    <METS:file ID="JP21" MIMETYPE="image/jp2" SIZE="1242533" C
CHECKSUM="0fc014b8699e24906a84d04c3700c70f" GROUPID="G1">
      <METS:FLocat xlink:href="51578_MM81000391-1.jp2" OTHERLO
    </METS:file>
    <METS:file ID="JP22" MIMETYPE="image/jp2" SIZE="1751089" C
CHECKSUM="5e785a1cc00b38181a767dbf07363d6a" GROUPID="G2">
      <METS:FLocat xlink:href="51579_MM81000391-2.jp2" OTHERLO
    </METS:file>
  </METS:fileGrp>
</METS:fileSec>
<METS:structMap ID="STRUCT1" TYPE="PHYSICAL">
  <METS:div DMDID="DMD1 DMD2" LABEL="postcards" ORDER="0" TYPE
    <METS:div ID="PAGE1" LABEL="front" ORDER="1" TYPE="PAGE">
      <METS:fptr FILEID="JP21" />
    </METS:div>
    <METS:div ID="PAGE2" LABEL="back" ORDER="2" TYPE="PAGE">
      <METS:fptr FILEID="JP22" />
    </METS:div>
  </METS:div>
</METS:structMap>
```

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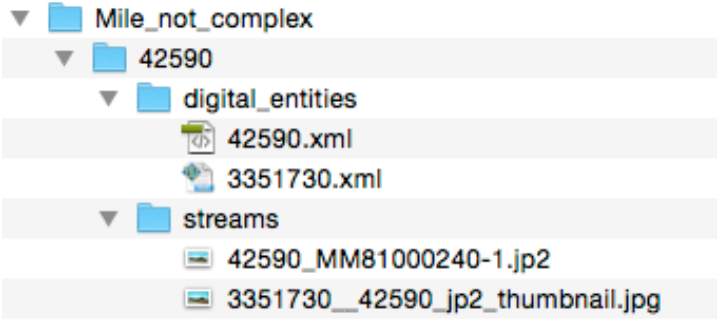
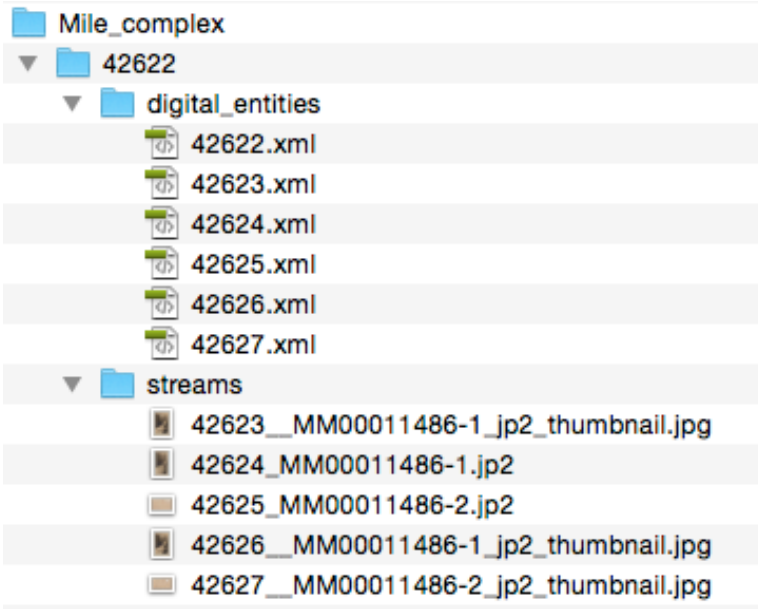
Export

Simple Sets



Complex Sets



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Metadata Review

- What we found…
  - Descriptive metadata in MARC and Dublin Core
  - System generated XML file names (not IDs we use/track)
  - For each record:
    - 1 system generated XML for parent level record
    - System generated XMLs for each file (PDF, JPG, etc.)
  - Only newer records have METS files
  - METS files were saved as data streams and were not updated
  - System generated XML files did include updated metadata

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Crosswalks

Digitool xml (MARC) tags	METS	MODS	GML	Sobek
<ingest_name> OR 598	<mets OBJID=" * <metsHdr ID=" *	<identifier> <recordIdentifier source="sobekcm"> *		<BIbID>
008		<language>		
035		<identifier>		
100		<creator> type="personal"		
110		<creator> type="corporate"		
245		<title>		
255			<Coordinates>**	
260 a				<publisher><PlaceTerm>
260 b		<publisher>		<publisher><name>
260 c		<dateIssued>		
300		<physicalDescription>		
500		<note>		
520		<abstract>		
536		<note type="funding"		
561		<note type="ownership"		
600		<subject>		
610		<subject>		
650		<subject><topic>		
651		<subject><geographic>		
700		<creator><contributor> type="personal"		
710		<creator><contributor> type="corporate"		
852				<Aggregation>

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```
▼<relations>
  ▼<relation>
      <type>include</type>
      <pid>42624</pid>
    </relation>
  ▼<relation>
      <type>include</type>
      <pid>42625</pid>
    </relation>
  ▼<relation>
      <type>include</type>
      <pid>42626</pid>
    </relation>
  ▼<relation>
      <type>include</type>
      <pid>42627</pid>
    </relation>
  ▼<relation>
      <type>manifestation</type>
      <pid>42623</pid>
    </relation>
  </relations>
▼<stream_ref>
    <file_name xmlns:xsi="http://www.w3.org/2
    <file_extension xmlns:xsi="http://www.w3.
    <mime_type xmlns:xsi="http://www.w3.org/2
    <directory_path xmlns:xsi="http://www.w3.
    <file_id xmlns:xsi="http://www.w3.org/200
    <storage_id>-1</storage_id>
    <external_type>0</external_type>
    <file_size_bytes>0</file_size_bytes>
  </stream_ref>
</xb:digital_entity>
</xb:digital_entity_call>
```

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Ingest

DigiTool (original)

FIU | Libraries & Museums
FLORIDA INTERNATIONAL UNIVERSITY

Search | Results | Previous Searches | My Space | Login | End Session | Help

Collections > Miami Metropolitan Archive

The Miami Metropolitan Archive is a digital library of important source materials relating to Miami- More...

Search 'W-PartitionA= mca AND W-All Words= beach AND W-All Words= fl11101022' in 'Admin Unit FIU01' Collection [Sorted by: Title/Creator]

Brief view | Table view | Full view

Record 1 of 1

- Mets (3 K)

Title	Gondolas at Flamingo Hotel, Miami, Fla.
Abstract	Flamingo Hotel was designed by Price and McLanahan and built by Carl G. Fisher at a cost of $2 million hotel and torn down in 1950s to make room for the new Morton Towers development known now as Flan
Subject(s)	Hotels--Florida--Miami. Fisher, Carl G. (Carl Graham), 1874-1939. Gondolas.
Description	1 postcard, color in gray, postally unused; caption on recto: "Gondolas at Flamingo Hotel, Miami, Fla."
Publisher	San Francisco : J.C. Bardell
Date	1923?
Type	Still image
Format	1 picture postcard; 5.5 x 8.5 cm.

dPanther (current)

List of Files | Description | Map It

Permanent Link: http://dpanther.fiu.edu/dpService/dpPurlService/purl/FI11101022/00001

Material Information

Title:	Gondolas at Flamingo Hotel, Miami, Fla.
Publisher:	San Francisco : J.C. Bardell
Publication Date:	1923?
Language:	English
Physical Description:	1 picture postcard; 5.5 x 8.5 cm.

Subjects

Subjects / Keywords:	Hotels--Florida--Miami Gondolas Flamingo Hotel (Miami Beach, Fla.)
Spatial Coverage:	1500 Bay Road Miami Beach, FL 33139
Coordinates:	25.787527 x -80.144284

Notes

Abstract: Flamingo Hotel was designed by Price and McLanahan and built by Carl G. Fisher at a cost of with a capacity of 150 rooms. It overlooked the smooth Biscayne Bay rather than the ocean

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Lessons Learned

- Planning is essential
- Expect surprises with older collections
- The cleaner the metadata, the easier the migration

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