OAI Metadata for Wright collection

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Source data in MARC

- Snapshots of records for testing ONLY: ISO2709 format, MARCXML
- Grab dynamically from IUCAT for real production ingest (catalog keys)

Mapping notes:

- ✅ MARCXML is currently in one big XML file; need to write a small utility stylesheet to convert this big file into many .xml files, one per book.
- ✅ Create MODS utility file
- ✅ For MODS, the item identifier (both short and full) will use the form wright2-####. This form isn't exactly in the source MARC record anywhere, though. You'll either have to use an XSLT substring function to grab it out of the end of the PURL in the MARC 856 field.

✅ oai_dc

metadataPrefix: oai_dc
target namespace: http://www.openarchives.org/OAI/2.0/oai_dc/
schema location: http://www.openarchives.org/OAI/2.0/oai_dc.xsd
method of generating: from MODS, run project-specific mods2dc_wright.xsl

Here are some random outputs of the mods2dc stylesheet: dcwright2-0011.xml dcwright2-1568.xml dcwright2-2144A.xml

✅ QDC

metadataPrefix: qdc
target namespace: http://epubs.cclrc.ac.uk/xmlns/qdc/
schema location: http://epubs.cclrc.ac.uk/xsd/qdc.xsd
method of generating: From MODS, run generic MODS2QDC stylesheet

sample QDC record: wright_qdc.xml

✅ MODS 3.4

metadataPrefix: mods_3.4
target namespace: http://www.loc.gov/mods/v3
schema location: http://www.loc.gov/mods/v3/mods-3-4.xsd
method of generating: From MARCXML, run project-specific MARC21slim2MODS3-4-2-0.xsl

Output of this transformation: marc2modsOUTPUT.xml

✅ MARCXML

metadataPrefix: marcxml
target namespace: http://www.loc.gov/MARC21/slim
schema location: http://www.loc.gov/standards/marcxml/schema/MARC21slim.xsd
method of generating: Using list of catalog key numbers for the collection, grab MARCXML directly from IUCAT using the IUCAT (Z39.50) Extraction Tool

For testing, first convert big MARCXML file to many little MARCXML files with the MARC utility stylesheet