Steps	Tips
	https://www.idigbio.org/wiki/index.php/Getting_Started
1) get iDigBio logid	
2) apply for API key from Alex	
3) download a list of idigbio recordIDs of the specimen records to link to from the media, via the export CSV feature in beta. Add an extra field that will be good for joining the image with the catalog record, e.g., the barcode might be part of the image filename.	

output from portal CSV export

field name	sample content	
idigbio:SpecimenRecordUUID	25166e34-1b25-4287-aa93-d70e0bc25da3	recordID UUID an arbitratry field that will match a value in your image name pattern, e.g,
dwc:barcode	dNIN09-1006	barcode, catalog number

4) run Ingestion Appliance #1

		tell the appliance the folder name of images, and the GUID style/pattern you wish

output from running the image ingestion appliance, 'generate CSV'

field name	sample content	
idigbio:OriginalFileName	/home/francois/Photos/1/dNIN09-1006.JPG	local path to the images in the folder you entered
idigbio:MediaGUID	2be2f23c07ce0f0aea7cff8441829ca7	generated media recordID UUID

5) join the two output files above to produce the specimen UUID and the image UUID	dwc:barcode and idigbio:OriginalFileName from 3) and 4) above	extract barcode from filename to be able to perform the join

field name	content	
idigbio:SpecimenRecordUUID	25166e34-1b25-4287-aa93-d70e0bc25da3	specimen UUID recordID
idigbio:MediaGUID	2be2f23c07ce0f0aea7cff8441829ca7	media UUID recordID

6) add other Audubon Core fields: • dc:rights
• xmpRights:Owner
• dcterms:creator
• ac:type
• ac:title
• ac:licenseLogoURL

7) final file to input to the ingestion appliance

idigbio:OriginalFileName	/home/francois/Photos/1/dNIN09-1006.JPG	local path to the image
idigbio:MediaGUID	2be2f23c07ce0f0aea7cff8441829ca7	generated media recordID UUID
idigbio:SpecimenRecordUUID	25166e34-1b25-4287-aa93-d70e0bc25da3	specimen UUID recordID

8) run Ingestion Appliance #2	
run the image ingestion appliance a second time, import images, add metadata to the media record, attach the images to the specimen record.	uses AudubonCore fields (from step 6) to populate media record
output is a list of URLs for people to access the images now in iDigBio directly, for people who want to make use of the images as URL (e.g., for crowdsourcing)	

Note: this process only works for 1-1 specimen-image relationship

References:
Audubon Core terms:
http://terms.tdwg.org/wiki/Audubon_Core_Term_List

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