

Project #1 – Metadata Analysis & Digital Assets (Images)

Amanda L. Stowell

Metadata Fields

I used an Excel spreadsheet to organize my descriptive metadata fields as well as a second tab to show my collection tree. This allowed me to see, in one location, all of the data that I needed to make sure I entered into the Flickr fields. I chose ten fields that I felt were most useful in describing my digital objects based on my target audience – one professor. They are Title, Type, Subtype, Date Created, Camera, File Type, File Size, Description, Ownership, Creator. My collection tree has the following types and subtypes:

Children	Infant
Children	Toddler
Nature	Bird
Nature	Jellyfish
Nature	Turtle
Structure	Sign

I chose not to record any other technical metadata besides the file type and size as I knew that Flickr would maintain the resolution, image size, etc. and it would be too much information for me to record with tags. I wanted the file type and size to be visible in case one of the people who had access to my photos wanted to download and might want to know those specifics.

I chose to give each photo a unique title and description to make them more searchable and I also think that it is important to offer a little more information on the photo in the description. I am not sure if Flickr users can search only by tag or not. This caused me to consider adding more tags, but I did not want the tags to look cluttered. I also added the legal notice in the description as I did not know where else to put it.

I felt it was important to list the creator of the photos, myself, as a tag, again for searchability. All of my personal photos are now tied to my name, specifically.

I used Flickr's Collection/Album feature to group my photos per the collection tree. I used the mosaic function to give each collection an attractive view.

Automatically Generated Metadata

In order to determine the automatically generated metadata created by Flickr, as an experiment, I downloaded one of the images that I had uploaded to Flickr to see if any of the technical metadata had changed. While most of the information was the same like file size, camera maker, flash mode, etc., there were a few changes. They were all located in the file description. I noticed that Flickr must have given the image a unique identifier as the file name was changed from IMG_1079.JPG to img_1079_25692687686_o. Also, the date created and date modified were changed to reflect the moment that I downloaded them from Flickr.

The only other thing that I could see that was different in the file information was the note from Windows that reads: The file came from another computer and might be blocked to help protect this computer.

Additionally, after I created a few collections and then added albums to them, I noticed that when I click on a photo, Flickr adds technical metadata that can be viewed by those who have access to your photos. Example, my photos list the camera I used, aperture, f-stop, etc. While I knew that this information was attached to each file, I did not realize that Flickr would make it visible. At this same location, I also noticed that Flickr added a few tags of their own, much like the information that they gather based on what is detected in the photo. On one of my photos Flickr the following tags: people, outdoor, child. I noticed the Show EXIF button, clicked it, and was overwhelmed by the amount of technical data that was located here.

Lastly, I noticed that Flickr has the ability to smartly move your uploaded images into categories based on the visual information that they detect in the photo. You can see this feature by clicking the Magic View. Flickr then assigns and descriptors and organizes your photos based on that data. This is not different than the process in which we manually go through to assigned collection types and subtypes and I would definitely consider this automatically generated metadata.

Bulk Entry Data

Flickr allows the possibility of bulk entry data if you choose to use the function. I notice a couple of different times in which this would be both appropriate and possible. The first is when you upload multiple photos at a time. The platform will allow you to select the following settings to apply across all images: Tags, People, Albums, Groups, and owner settings which includes Privacy, Security, and Content. If you do not want to apply to all images being uploaded, then you do have the option to select one at a time. I found this useful for changing the titles and descriptions, but used the bulk entry for the owner settings.

The second instance when bulk entry data is possible is after the upload. You can access your camera roll and then select the photos by date uploaded or date taken. This feature will allow you to select multiple images and then edit the same fields that you had access to in the initial upload. I found this particularly helpful when first learning how to use the platform. I initially uploaded a group of photos without realizing that I could edit the security and privacy settings. This was easily resolved by selection the group that I had just uploaded and then editing the fields after.

Licensing and/or legal Information

In the completion of this project I researched photo copyright and the terminology that I would need to use in order to protect my photos from downloading and unauthorized distribution. While I found many different examples, opinions, and discussions on the topic, I chose to use the generalized statement, "Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell." I realize that this does not explicitly protect my images as many discussions recommended registering a copyright as a court of law will not

even consider your copyright infringement suit if you do not have it registered. Simply placing a generic statement and © symbol does not protect you.

In addition to attaching this generic statement to my photos, I used Flickr's copyright settings to reflect the following:

- Copyright protection level for this photo:
 - All Rights Reserved

While I am not sure if changing this setting actually affords any protection through Flickr it was my thought that possibly this additional setting would deter those from downloading the image.

Security

Since the photos that I uploaded are personal and include photos of my children, I wanted to make sure that only the people that I wanted to see them could access them. I initially chose the setting Private, but I realized that this might prevent the instructor from seeing the images. So, I amended the setting to Friends & Family and send a friend invite to the instructor. I also changed the following settings:

- Who can comment on this photo:
 - Friends & Family
- Who can add tags and people to this photo:
 - Friends & Family

Further Discussion

I noticed that Flickr will allow you to change the date uploaded and the date taken fields. I do not think that these fields should be amendable if this was actually a DAM platform being used for the purpose of preservation. Those fields should be protected and unchangeable to ensure the authenticity and integrity of the digital object.

Title	Type	Subtype	Date Created	Camera	File Type	File Size	Description	Ownership	Creator
Azara, Sleeping	Children	Infant	8/7/2014	Nikon	jpeg	7.0 MB	Azara at 2mo old being held by mommy while sleeping.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, Barely Awake	Children	Infant	8/23/2014	Nikon	jpeg	11.1 MB	Sayla at 2mo old being held by mommy after just having woken up.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Azara, Car seat	Children	Infant	10/3/2014	iPhone	jpeg	1.25 MB	Azara at 3mo old in her car seat ready to go for a ride.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, Car seat	Children	Infant	10/3/2014	iPhone	jpeg	955 KB	Sayla at 3mo old in her car seat ready to go for a ride.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Azara, First Photoshoot	Children	Infant	10/6/2014	Nikon	jpeg	8.66 MB	Azara at 4mo old being patient while mommy attempts her first baby photoshoot.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, First Photoshoot	Children	Infant	10/6/2014	Nikon	jpeg	8.87 MB	Sayla at 4mo old being patient while mommy attempts her first baby photoshoot.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla and Azara, First Christmas	Children	Infant	12/16/2014	Nikon	jpeg	2.30 MB	Sayla and Azara at 6mo old posing for their First Christmas photoshoot.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell

Azara, Red Onesie	Children	Infant	2/12/2015	Nikon	jpeg	8.02 MB	Azara at 7mo old wearing a red onesie.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, Red Onesie	Children	Infant	2/12/2015	Nikon	jpeg	8.29 MB	Sayla at 7mo old wearing a red onesie.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Azara, First Spring	Children	Infant	3/1/2015	Nikon	jpeg	9.13 MB	Azara at 8mo old enjoying their first Spring.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, First Spring	Children	Infant	3/1/2015	Nikon	jpeg	9.07 MB	Azara at 8mo old enjoying their first Spring.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Monterey Bay Aquarium, Sign	Structures	Sign	3/14/2015	Nikon	jpeg	9.19 MB	The Monterey Bay Aquarium sign that is located on the side of their building.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Monterey Bay Aquarium, Puffin Swimming	Animals	Bird	3/14/2015	Nikon	jpeg	9.33 MB	A puffin enjoying a swim at the Monterey Bay Aquarium.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Monterey Bay Aquarium, Loggerhead Swimming	Animals	Turtle	3/14/2015	Nikon	jpeg	10.9 MB	A loggerhead turtle enjoying a swim at the Monterey Bay Aquarium.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell

Monterey Bay Aquarium, Sea Nettle, Cluster	Animals	Jellyfish	3/14/2015	Nikon	jpeg	13.7 MB	A cluster of sea nettle jellyfish at the Monterey Bay Aquarium.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Monterey Bay Aquarium, Sea Nettle, Single	Animals	Jellyfish	3/14/2015	Nikon	jpeg	14.1 MB	A single sea nettle jellyfish at the Monterey Bay Aquarium.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Azara, at the Park	Children	Toddler	9/24/2015	Nikon	jpeg	8.3 MB	Azara at the park with a grass background.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, at the Park	Children	Toddler	9/24/2015	Nikon	jpeg	9.15 MB	Sayla at the park with a grass background.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Sayla, TMNT Shirt	Children	Toddler	11/19/2015	iPhone	jpeg	1.38 MB	Sayla wearing a green Teenage Mutant Ninja Turtles (TMNT) shirt.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell
Azara, TMNT Shirt	Children	Toddler	11/19/2015	iPhone	jpeg	1.39 MB	Azara wearing a pink Teenage Mutant Ninja Turtles (TMNT) shirt.	Images may not be copied, printed or otherwise disseminated without express written permission of Amanda L. Stowell	Amanda L. Stowell