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   To: "Mike Toth"   , "Dr. Adrian S. Wisnicki"
         1 File (4KB)

Data_task...

Mike, Adrian,

Below is (an un-spell checked) document, listing my evaluation of the data so far. We can talk about this in the teleconference. I've also attached it as a separate text file.

Doug

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Livingstone Data Collection Tasks
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Goal
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Complete archive with full metadata according to the Archimedes Palimpsest MD Standard

Data components
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Imaging Objects
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Need to review metada for each letter, adding keywords, standard titles

Projects
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Project meatadata must be completed for each project, including

* Publisher
* Grid coordinate system
* Digital object keywords
* Licensing
* Metadata standard info

Most of these are quite simple, but will have to be done for each project.

File names and project shot sequences
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The challenge here is associating the images with the correct shot
sequences in each project. This relies on an exact match between the
shot sequence name and the beginning of the filename. So, for
example, the shot sequence NLS10703_XIII_002v_0_A will expect, as it
were, files named:

* NLS10703_XIII_002v_0_A_001.dng
* NLS10703_XIII_002v_0_A_002.dng
* NLS10703_XIII_002v_0_A_003.dng
* etc.

As it happens, these files are named:

* NLS10703_13_002v_0_A_001.dng
* NLS10703_13_002v_0_A_002.dng
* NLS10703_13_002v_0_A_003.dng
* NLS10703_13_002v_0_A_004.dng
* NLS10703_13_002v_0_A_006.dng
* NLS10703_13_002v_0_A_007.dng
* NLS10703_13_002v_0_A_008.dng
* NLS10703_13_002v_0_A_009.dng
* NLS10703_13_002v_0_A_010.dng
* NLS10703_13_002v_0_A_011.dng
* NLS10703_13_002v_0_A_012.dng
* NLS10703_13_002v_0_A_013.dng
* NLS10703_13_002v_0_A_014.dng
* NLS10703_13_002v_0_A_015.dng
* NLS10703_13_002v_0_A_016.dng

This is pretty straightforward. The sequence name can be changed in
the database from NLS10703_XIII_002v_0_A to NLS10703_13_002v_0_A.

I will need to investigate how many of these there are and then make
the changes. Looking at the list of used shot sequences from the
imaging log and comparing that with the actual file names, I found the
following:

* Total number of shot sequences used: 270
* Shot sequences missing images: 127
* Shot sequences represented in the images: Not yet known

A good number of these shot sequences are not really *missing* images,
as they represent the roman/arabic numeral differences. Once the
sequence names have been changed they will match up. Some will be
marked *used* in the database, but won't have images, because the
images were mistakes and were deleted. The remainder will require
investigation.

This process is complicated a little by the variations on shot
sequence length. Some sequences have five segments and others four,
as shown here:

* DLC1120b_001r_001r_0_B
* DLC297a_001r_0_C

This simply means that software that works with file names and
sequences has to be a little adaptive.

My concern here is that there may be a great number of these
adjustments. I won't really know until I get into it.

Imaging setup

This provides information about the numbers and panels of lights, and
there position. Some of this this information was not collected
during the imaging and can likely not be recreated. Other pieces of
data about filters used, and camera data (lens, etc.) will be
available.

* Setup date time
* Subject to focal plane height (A)
* Floor to left panel height (B)
* Floor to left raking panel height (C)
* Floor to right panel height (D)
* Floor to right raking panel height (E)
* Camera incidence angle (F)
* Floor to subject height (P)
* Lens make and model
* Lens focal length
* Illumination filters
* Acquisition filters
* Left panel to focal axis distance (G)
* Left raking panel to focal axis distance (H)
* Right panel to focal axis distance (J)
* Right raking panel to focal axis distance (K)
* Subject top azimuth
* Left panel azimuth
* Right panel azimuth
* X resolution pixels per inch
* Y resolution pixels per inch

Shot sets

This is the Photoshoot n-shot table data, essentially the
correspondence between the Photoshoot generated serial numbers and the
lighting info. For example, that 001 is the LED0365 illumination; 002,
LED0450, and so on.

I need to find out from Bill whether the specs on the light panels
used in Edinburgh are the same as those used for Syriac. If that's
the case, then half the battle is done for this group. Second, I need
to find out from Keith the correspondences between serial numbers and
the lights/light-filter wheel combinations.

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Doug Emery
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