

KCA, KSHRAB Handling and Storage of Digital Files Workshop

November 23, 2015

8:30 am - 12:30 pm

Louisville, KY

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Resource List

REQUIRED supplies to bring:

- **Laptop.** Mac or Windows is fine -- almost all software here will work on either. There is one exception where Mac has a built-in option and we list a program here that you can download for Windows.
 - ◆ The differentiation between Mac and Windows (or Linux, or Debian, or etc.) is referred to as a differentiation in **Operating Systems (OS)**. Apple computers are Mac OS, and most everything else commonly used is Windows (Windows is not specific to a brand of computer like Apple/Mac is, but is an OS that is used for multiple computer brands such as Dell, IBM, the ancient Gateways, etc., etc. If you're using another OS, you don't need this note.)

REQUIRED software to download to the laptop you will be bringing with you:

Note: All digital software are available as free downloads.

- **ExifTool:** <http://www.sno.phy.queensu.ca/~phil/exiftool/>. Select appropriate operating system for the free "Stand Alone" version. Any of versions will be fine, the Stand Alone is just easier to install. Once you have downloaded, please follow these instructions to ensure proper installation:
https://docs.google.com/document/d/1Um_g4OVHDeal17LRhVflvYmlin6YG4fVBbTaHyMyA8E/edit?usp=sharing
- **MDQC:** <http://www.avpreserve.com/tools/mdqc/>. Select appropriate operating system.
- **Bagger:**
 - ◆ Direct link: <http://sourceforge.net/projects/loc-xferutils/files/loc-bagger/2.1.3/bagger-2.1.3.zip/download>. The BagIt Library is included with the Bagger download. After downloading open the zip file and then open the bagger.bat file in the bagger-2.1.3 directory. Review the "Running Bagger on Windows" in the documentation on the download page. You may need to install Java SE Runtime Environment 6.
 - ◆ More info: <http://sourceforge.net/projects/loc-xferutils/files/loc-bagger/2.1.3/>
- **Fixity:** <http://www.avpreserve.com/tools/fixity/>. Select appropriate operating system.
- **Karen's Hasher (Windows ONLY!):** <http://www.softpedia.com/get/System/File-Management/Karen-Hasher.shtml>. Note that Mac's have MD5 and SHA hashing programs as part of the OS that are usable as command line tools. For Mac users we will demonstrate or you can look on with a colleague during the short exercise for this.

REQUIRED sample files to download to the desktop of the laptop you will be bringing with you:

- **Simulated hard drive (101 MB):**
<https://drive.google.com/file/d/0B-FBppbZcJ2EZ083Qm1Kdk9Qa3M/view?usp=sharing>
- **Sample TIFF files (218 MB):**
<https://drive.google.com/file/d/0B-FBppbZcJ2EZ1lzUTY3M3pvUU0/view?usp=sharing>
- **Sample Problematic files (140 MB):**
<https://drive.google.com/file/d/0B-FBppbZcJ2ER0I0OWIveVRxMjA/view?usp=sharing>

Download each of these three zip files and unzip them onto your desktop individually. Afterwards, you should have three separate folders on your desktop:

HardDrive
TIFFs
Problematic