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# An Inexpensive Alternative to CS Photoshop & Bridge: Archival Master Image Capture and Batch Derivative Creation in Canon Scan Gear & Adobe Photoshop Elements 7

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## Recommended Citation

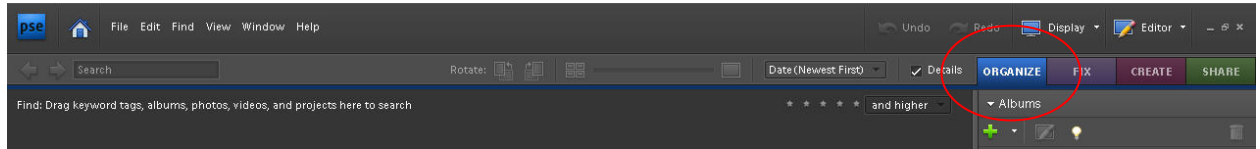
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# An Inexpensive Alternative to CS Photoshop & Bridge: Archival Master Image Capture and Batch Derivative Creation in Canon Scan Gear & Adobe Photoshop Elements 7

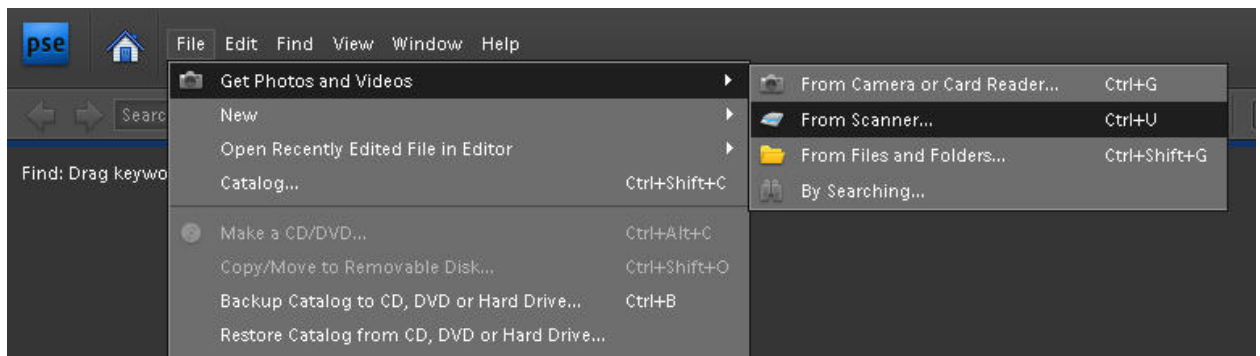
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## Initial Photoshop Elements 7 Setup

- 1) Toggle to “Organizer”

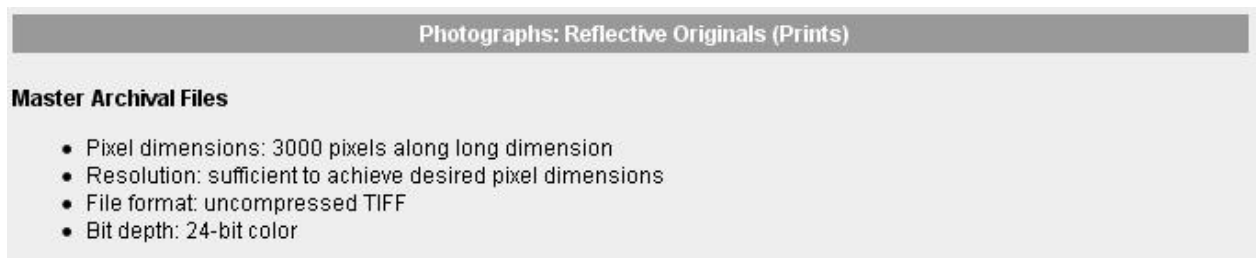


- 2) File > Get Photos and Videos > From Scanner



## Canon Scan Gear Settings for Capturing Images to an Archival Standard

- 1) Identify analog material type, then apply appropriate standard (e.g. UConn Digital Collections Standards, <http://digitalcollections.uconn.edu/standards/standards.html>)



- 2) In Canon Scan Gear... Advanced Mode Tab, Favorites Setting > User Defined
- 3) Input Settings > change to pixels
- 4) Output Resolution > see standard. If standard doesn't specify resolution, leave this setting alone
- 5) Output size > Flexible
- 6) Hit “Preview”

- 7) Crop accordingly (see “Cropping” section of C/WMARS’ capture standards for Library of Congress language [http://dlib.cwmars.org/cdm4/images/cwmars\\_benchmarking.pdf](http://dlib.cwmars.org/cdm4/images/cwmars_benchmarking.pdf))

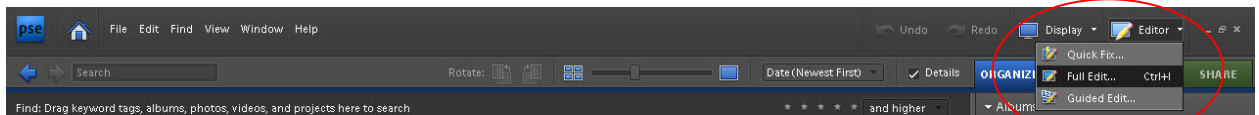
IV. Cropping: (adopted directly from language of The Library of Congress Requests Proposals For Digital Images of Pictorial Materials National Digital Library Program)

C/WMARS wishes to provide researchers with a reproduction of the entire original item. Thus, images shall be framed and cropped to show the entire original item and beyond the item’s edges. For negatives or other transmitted light items, each digital image shall reproduce ~~that item’s actual-image area, the border on the film that surrounds the image area,~~ and a portion of the background (scanner top) beyond the edge of the film. A similar approach shall be followed for reflected-light items; the whole print, whole mount, and a portion of the background (beyond the mount) shall be reproduced.

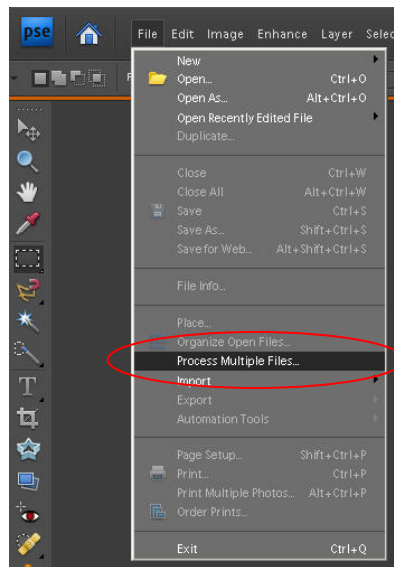
- 8) Output setting > make item’s longest dimension equal to standard specification if outlined (e.g. 3000 pixels)
- 9) Hit “Scan”
- 10) Chose either “Retouch and save” or “Scan other images” (images are saved in directory 1<sup>st</sup> chosen in Photoshop Elements)

### **Batch Processing Derivative Images from Archival Masters with Photoshop Elements 7**

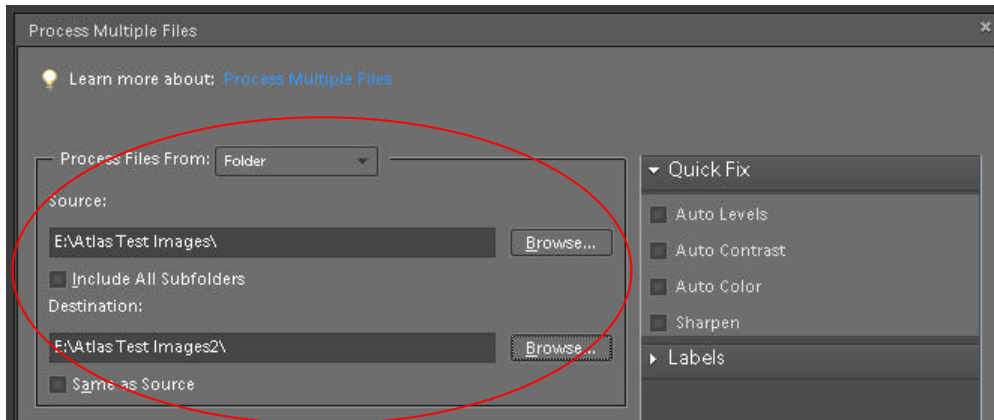
- 1) Toggle open “Editor” and select “Full Edit”



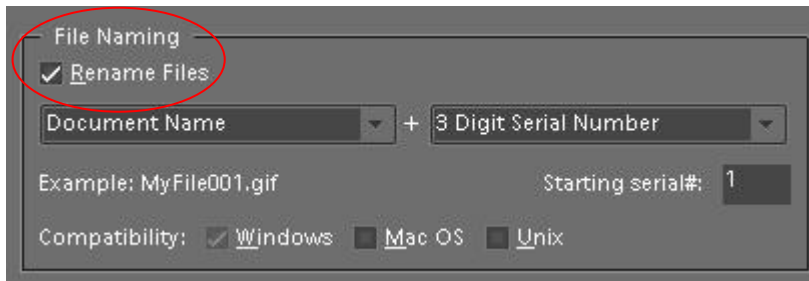
- 2) File > Process Multiple Files



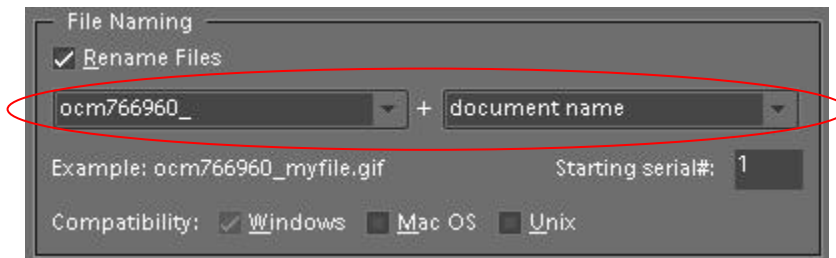
- 3) Choose Source of archival master files to process and Destination of derivative files



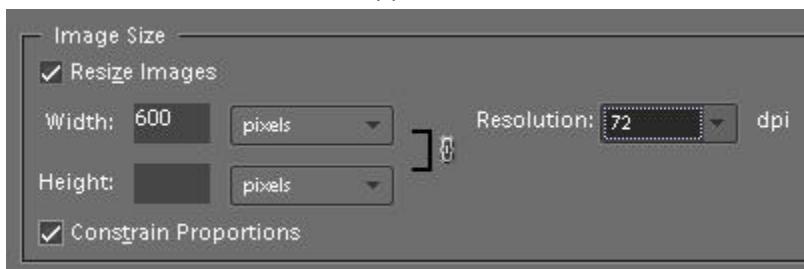
- 4) File Naming > Rename Files > checked on



- 5) Choose “none” from dropdown list and type in file name prefix for image series followed by “document name” in second drop down



- 6) Image Size > click “Resize Images” > click “Constrain Proportions” > set W or H to derivative standard > set resolution to 72 ppi



- 7) File Type > click “Convert Files To” > Choose “JPEG Medium Quality”



- 8) Click OK.  
9) Go brew yourself a green tea and kick back while Photoshop Elements cranks out your new files.

## **Limitations of Photoshop Elements vs. CS Photoshop & Bridge**

- 1) Batch resizing must be accomplished through pre-sorting images by orientation (portrait or landscape).
- 2) XMP Metadata can only be written to one file at a time and not in a batch. Only Captions, Keywords, Copyright Notice, and Description can be written to XMP within Elements.
- 3) Very limited scriptable Actions functionality.
- 4) Elements does support JPEG 2000 file format, which is a very good thing.