

# Extracting Jpeg's from Canon Camera Raw (.CRW) files

## Summary:

This document addresses saving out the JPG file which was simultaneously captured when shooting in the Camera Raw mode with a Canon digital camera.

## Background - Simultaneously captured JPG's and those .THM files

Canon digital cameras capable of saving files in the .CRW format also embed a .JPG file within the .CRW file. The Canon 300D "Rebel" automatically saves a "medium" size jpeg at the "fine" resolution within the "raw" file. Other Canon cameras are adjustable as to the size and resolution of the jpeg file saved within the .CRW file. Look to your camera manual under "Simultaneous Capture in RAW and JPEG Formats" on how to adjust these parameters.

When you transfer your image files to your hard drive; inside the DCIM directory (folder), inside the xxxCANON directory, you will find your .CRW raw image files. Note: The .THM files you find in the same directory with the raw files are used only as thumbnail images for your camera's index replay mode, you may delete these files so long as you are working with the files on your computer and no longer wish to view them with your camera.

## Where are the Jpeg's? Using the FILE VIEWER UTILITY

To view and use the Jpeg's captured while shooting in raw format you must use the Canon "File Viewer Utility" (Mac and PC) included on your software disk which came with your camera.

- You must first install the "File Viewer Utility" software on your computer from the Canon software CD "Digital Solution Disk."
  - As of February 2005 the current version is 1.3.2 for both Windows and OSX; updates are available at the Canon site and at sites such as Versiontracker. Note: older versions of Safari (prior to Panther) do not work on the Canon site.
  - The Canon "Image Browser" (or "Zoom Browser EX" for PC) is primarily for downloading files from your camera or your media reader, you may or may not find it of value.
- The Canon "File Viewer Utility" works much the same as the "File Browser" in Photoshop.
- Navigate in the left hand pane to your raw files.
- Choose your camera model from the drop-down menu near the top.
- Highlight your file or files in the main browser window.
- Click and hold down on the "folder" icon at the very top, and choose Extract & Save JPEG from the drop-down menu.
- Set the dialog box for your saving preferences.

---

## What about just using Photoshop?

Apparently, at this time, the only way to access the Jpeg's you saved while shooting in RAW format is by using the "Extract" command in the *Canon File Viewer Utility*. Although, if you are going to take the images into Photoshop anyway, then a more logical work flow may suggest that you save out images from your raw files by using the Camera Raw plugin from the Photoshop File Browser. If you do not wish to make fine adjustments, you may use the "Camera Defaults" setting to generate any of the file types that Photoshop handles.