

darktable - Camera Support #11675

Noise profile for canon t7i (aliased to eos 800d in cameras)

07/26/2017 11:22 PM - Pete Hall

Status:	Fixed	Start date:	07/26/2017
Priority:	Low	Due date:	
Assignee:	Stefan Schöfegger	% Done:	100%
Category:	Darkroom	Estimated time:	0.00 hour
Target version:	2.6.0		
Affected Version:	git master branch		
Description			
In order to make this work, I had to replace "EOS Rebel T3i" with "EOS 800D" in presets.json, because of the alias in /darktable/rawspeed/cameras.xml.			

Associated revisions

Revision e226642c - 05/14/2018 09:03 PM - Stefan Schöfegger

noiseprofile: add Canon EOS 800D, fixes #11675

Revision 48f8b613 - 06/05/2018 11:36 PM - Stefan Schöfegger

noiseprofile: add Canon EOS 800D, fixes #11675

(cherry picked from commit e226642ce731f32805df3907860bce5ba4ec288b)

History

#1 - 07/27/2017 11:05 AM - Roman Lebedev

Pete Hall wrote:

In order to make this work, I had to replace

"EOS Rebel T3i"

You meant T7i right?

Because T3i is 600D

with "EOS 800D" in presets.json, because of the alias in /darktable/rawspeed/cameras.xml.

#2 - 07/27/2017 05:44 PM - Pete Hall

Yes. Sorry. It should be T7i. I can't change it. Can you fix it, or should I enter a new issue?

#3 - 07/27/2017 05:46 PM - Roman Lebedev

- Subject changed from Noise profile for canon t3i (aliased to eos 800d in cameras) to Noise profile for canon t7i (aliased to eos 800d in cameras)

#4 - 07/28/2017 09:14 PM - Stefan Schöfegger

- % Done changed from 0 to 20
- Status changed from New to Incomplete
- Assignee set to Stefan Schöfegger

Your results don't look usable. Please try to get more pixels between under- and overexposed.

#5 - 07/28/2017 11:41 PM - Pete Hall

- File dt-noiseprofile-20170728.tar.gz added

Please try this one. Thanks

#6 - 07/30/2017 09:51 AM - Stefan Schöfegger

Hi,

this does not look much different. Please try a complete other setup. Only a small parts of the image need to be over- or underexposed. Bring some objects in the foreground that are correctly exposed (but out of focus)
Also I am not sure if the camera matches the desired noise profile, the results I get so far seem strange.

#7 - 04/24/2018 07:10 PM - Andreas Schneider

Maybe this tutorial helps to simplify the process: <https://pixls.us/articles/how-to-create-camera-noise-profiles-for-darktable/>

#8 - 05/01/2018 10:38 PM - Pete Hall

- File darktable-noiseprofile-20180501.tar.gz added

Andreas, I followed your instructions. Here is the result.

"Rebel T7i" needs to be replaced with "800D" in noiseprofiles.json.

I ran your process on a fresh ubuntu 18.04 install, and had to go back to the pre-requisites in the instructions for compiling dt. git, gcc, make, gnuplot, convert and darktable-cli aren't enough to compile tools, and I needed exiv2 and gphoto2 in order to run the darktable-gen-noiseprofile script, even though I provided all the images, it wouldn't run without those.

All things considered, the instructions worked great though! Thanks very much! I did find providing two different sizes of holes, as well as a void area in the template help to increase the dynamic range.

#9 - 05/14/2018 09:52 PM - Stefan Schöfegger

- Status changed from Incomplete to Fixed
- % Done changed from 20 to 100

Applied in changeset [darktable/e226642ce731f32805df3907860bce5ba4ec288b](#).

#10 - 07/25/2018 01:04 AM - Roman Lebedev

- Target version changed from Candidate for next minor release to 2.6.0

Files

dt-noiseprofile-20170726.tar.gz	5.6 MB	07/26/2017	Pete Hall
dt-noiseprofile-20170728.tar.gz	6.54 MB	07/28/2017	Pete Hall
darktable-noiseprofile-20180501.tar.gz	6.93 MB	05/01/2018	Pete Hall