

## darktable - Camera Support #12116

### Noise Profile: NIKON D5600

04/06/2018 08:08 PM - Eduardo Battaglia

<b>Status:</b>	Fixed	<b>Start date:</b>	04/06/2018
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Stefan Schöfegger	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.6.0		
<b>Affected Version:</b>	git stable branch		

#### Description

Hi, I attached the noise profile for the Nikon D5600

I stepped into some problems trying to do the profile:

1. Due to the Nikon NEF 'lossy after split' raws problem, I can only profile until ISO 16000, higher ISOs gives an error and I cannot apply the "raw linear" style.

I did sent samples of lossy after split two months ago: <https://redmine.darktable.org/issues/11949>

2. The "gen-profile" script gives some errors on every NEF:

--> ISO 200:

```
./2018-04-06.12-21.3935.NEF
```

```
convert-im6.q16: unable to get registry ID `cache:hosts' error/registry.c/GetImageRegistry/201.
```

```
convert-im6.q16: DistributedPixelCache '127.0.0.1' error/distribute-cache.c/ConnectPixelCacheServer/244.
```

```
convert-im6.q16: cache resources exhausted `./2018-04-06.12-21.3935-large.jpg' error/cache.c/OpenPixelCache/3982.
```

```
convert-im6.q16: unable to get registry ID `cache:hosts' error/registry.c/GetImageRegistry/201.
```

```
convert-im6.q16: DistributedPixelCache '127.0.0.1' error/distribute-cache.c/ConnectPixelCacheServer/244.
```

```
convert-im6.q16: cache resources exhausted `./2018-04-06.12-21.3935-large.jpg' error/cache.c/OpenPixelCache/3982.
```

3. I can't test the results. When I do "darktable --noiseprofiles ./presets.json" darktable opens and gives "error loading file /home/eduardo/NoiseProfile/presets.json"

#### Associated revisions

##### Revision 13b792f8 - 04/30/2018 02:50 PM - Stefan Schöfegger

noiseprofile: add Nikon D5600, fixes #12116

##### Revision e6ece236 - 05/08/2018 08:13 PM - Stefan Schöfegger

noiseprofile: add Nikon D5600, fixes #12116

(cherry picked from commit 13b792f8f016c26a233f1d5b09fce16f6a6e8fc8)

#### History

##### #1 - 04/06/2018 08:39 PM - Eduardo Battaglia

I finally tested it by merging presets.json to the noiseprofiles.json of dt. I can confirm it works like a charm!

##### #2 - 04/07/2018 08:00 AM - Eduardo Battaglia

If I convert the high ISO lossy after split NEF to DNG using Adobe's DNG Converter it does work on darktable, can I profile those DNGs for my camera?

**#3 - 04/28/2018 08:31 AM - Stefan Schöfegger**

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

Images and plots look fine. Please upload one of the NEF files with gives the error in "gen-profile" here to let me have a look on it.

**#4 - 04/28/2018 08:54 AM - Eduardo Battaglia**

- File 2018-04-06.12-21.3935.NEF added

Here you go

**#5 - 04/30/2018 02:47 PM - Stefan Schöfegger**

It is a problem of cache size of ImageMagic. It can be increased in `/etc/ImageMagick-6/policy.xml` to

```
<policy domain="resource" name="memory" value="3GB"/>
<policy domain="resource" name="disk" value="2GB"/>
```

This does not effect result, profile can be merged.

**#6 - 04/30/2018 03:30 PM - Stefan Schöfegger**

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

Applied in changeset [darktable|13b792f8f016c26a233f1d5b09fce16f6a6e8fc8](#).

**#7 - 07/25/2018 01:04 AM - Roman Lebedev**

- Target version set to 2.6.0

**Files**

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dt-noiseprofile-20180406.tar.gz	8.45 MB	04/06/2018	Eduardo Battaglia
2018-04-06.12-21.3935.NEF	21.1 MB	04/28/2018	Eduardo Battaglia