

darktable - Bug #12421

colorbalance.c:241: add_preset: Assertion `len == sizeof(dt_iop_colorbalance_params_t)' failed.

11/25/2018 10:29 PM - Matthieu Moy

Status:	Fixed	Start date:	11/25/2018
Priority:	Low	Due date:	
Assignee:	Pascal Obry	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2.6.0	bitness:	64-bit
Affected Version:	git master branch	hardware architecture:	amd64/x86
System:	Ubuntu		
Description			
Everything is in the title ;-). I get the assertion failure reproducibly when starting dt.			

History

#1 - 11/26/2018 10:58 PM - Matthieu Moy

Bisects down to

```
commit e20c711067a7a1e5d39e970f851f49589a734769 (refs/bisect/bad)
Author: rawfiner <rawfiner@gmail.com>
Date: Mon Oct 15 21:04:05 2018 +0200
```

```
DenoiseProfile GUI: add frequency curves
```

#2 - 11/26/2018 11:03 PM - Aurélien PIERRE

I think I might remove these presets, they are too difficult to maintain. The problem is, shipping blendops parameters with them, you have to harcode the blobs from the XMP parameters and trigger the XMP parser to interpret them, but as soon as a new blendop version is pushed, they become invalid.

#3 - 11/26/2018 11:18 PM - Matthieu Moy

Oops, went too far in bisection. This one should be the right one:

```
commit 2d37df02ecdce9f58269eef57d319d777b830f29
Author: Aurélien PIERRE <aurelien@aubrelienpierre.com>
Date: Sun Nov 25 05:28:08 2018 -0500
```

```
add an output saturation correction to comply with ASC guidelines
```

#4 - 11/26/2018 11:31 PM - Aurélien PIERRE

Yes, I know. :-)

#5 - 11/28/2018 10:11 AM - Pascal Obry

- Status changed from New to Fixed

- % Done changed from 0 to 100

- Assignee set to Pascal Obry

Fixed.

#6 - 11/28/2018 02:33 PM - Matthieu Moy

I'm still getting the error (after deleting my .config/darktable directory).

```
darktable: ../darktable/src/iop/colorbalance.c:242: add_preset: Assertion `len == sizeof(dt_iop_colorbalance_params_t)' failed.
```

#7 - 11/28/2018 02:56 PM - Pascal Obry

Indeed:

```
assert(len == sizeof(dt_iop_colorbalance_params_t));
```

This is bogus as it compares the len (size of the params as inserted into the source code) and the current size of the struct.

But len here is the length of the version 2 of colorbalance and not the last version 3.

I'll remove the assert here and in denoiseprofile.

#8 - 11/29/2018 02:13 PM - Roman Lebedev

- Target version set to 2.6.0