

darktable - Bug #12391

add_preset: Assertion `len == sizeof(dt_iop_colorbalance_params_t)' failed

11/04/2018 12:54 PM - Helmut Jarausch

Status:	Fixed	Start date:	11/04/2018
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:	other GNU/Linux		

Description

Since a few days (or maybe two weeks) the GIT version of darktable fails on start up with
darktable: /var/tmp/portage/media-gfx/darktable-9999/work/darktable-9999/src/iop/colorbalance.c:209: add_preset:
Assertion `len == sizeof(dt_iop_colorbalance_params_t)' failed.

Is this a known bug, and is there a workaround?

Associated revisions

Revision 812be46a - 11/04/2018 08:15 PM - Pascal Obry

colorbalance: fix revert log profile (last instance) preset.

Fixes #12391.

History

#1 - 11/04/2018 02:44 PM - Aurélien PIERRE

No, you are the first one :) I suspect a problem with your database version regarding the blending options. Could you try on a new database ?

#2 - 11/04/2018 05:59 PM - Helmut Jarausch

Aurélien PIERRE wrote:

No, you are the first one :) I suspect a problem with your database version regarding the blending options. Could you try on a new database ?

Which database?

I think there is a real bug:

Looking at the definition of dt_iop_colorbalance_params_t one can see that it has length 64 (definitely an even number!)

But in colorbalance.c there is

```
void init_presets(dt_iop_module_so_t *self) {
```

```
// these blobs were exported as dtstyle and copied from there:
```

```
add_preset(self, _("revert log profile (last instance)"),
```

```
"010000000000803f0000803f0000803f0000803f0100003f0000803f0000803f0000803f0000803f0000803f0000803f0000803f0000803f86eb513f000090",
```

```
...
```

Note that it is a hex coding of a string of 63 bytes only.

Compare this with the second call to add_preset :

```
add_preset(self, _("split-toning teal-orange (2nd instance)"),
```

```
"010000009a99593f9eef833fea9d803feee4763f0000803f86b4873fc3c86f3f1867803f9a99993f443d803f2a41823f26037b3f6666663f0000803f00009041",
```

```
...
```

So is there a missing "41" at the end of the string in the first call?

#3 - 11/04/2018 08:17 PM - Pascal Obry

- *% Done changed from 0 to 100*
- *Assignee set to Pascal Obry*
- *Status changed from New to Fixed*

Should be fixed! I do not compile with assertion activated, so I did not see this issue.