

darktable - Bug #12207

Bug # 11581 (New): Huffmantable is broken.

[1/3] Regression: huffmantable is just broken.

05/19/2018 04:27 PM - Roman Lebedev

Status:	In Progress	Start date:	05/19/2018
Priority:	Critical	Due date:	
Assignee:	Roman Lebedev	% Done:	50%
Category:		Estimated time:	0.00 hour
Target version:		bitness:	64-bit
Affected Version:	git master branch	hardware architecture:	amd64/x86
System:	all		
Description			
Copied from https://github.com/darktable-org/rawspeed/issues/127			
Split off from https://github.com/darktable-org/rawspeed/issues/100			
The current `HuffmanTable` implementation is just completely broken.			
Like, i have stopped counting the amount of bugs it has.			
In retrospect, https://github.com/darktable-org/rawspeed/pull/36 should not have been merged.			

Associated revisions

Revision 359b6f29 - 06/06/2018 10:45 AM - Roman Lebedev

RawSpeed submodule update: Panasonic DC-GH5S, DC-G9 high-res raw support

Those are using new v5 Panasonic raw compression algorithm.
Which is actually dumber than what they used before.
Now, it is basically just uncompressed packed 12/14 bits.

Also, huffman table salvaging part 1.

Fixes <https://github.com/darktable-org/rawspeed/issues/126>

Refs. #11886

Refs. <https://github.com/darktable-org/rawspeed/issues/127>

Refs. #12207

Refs. #11581

Fixes #12188

Revision 24b8e3d1 - 11/29/2018 11:07 PM - Roman Lebedev

RawSpeed submodule update. Lot's of stuff.

Fixes #12209 - nikon lossy after split support. yay.

Refs. #12207

Fixes #12418 - Nikon D2Xs camera support

Nikon Z 6 camera support (except uncompressed raws)

More implicit conversion sanitization.

VC5Decompressor fuzzing, perf improvements.

Some cmake changes to improve LTO builds.

Revision 79dc3028 - 12/28/2018 09:02 PM - Roman Lebedev

RawSpeed submodule update: nikon 'last pixel' fix, perf tuning, camera support.

- Preliminary Phase One P30 camera support ('bad column' handling missing)
- Sony RX100M6 support

Refs. #12509

Fixes #12208.

Refs. #12207

History

#1 - 05/19/2018 04:36 PM - Roman Lebedev

- *Priority changed from Low to Critical*

#2 - 05/19/2018 08:10 PM - Roman Lebedev

- *% Done changed from 0 to 50*

- *Status changed from New to In Progress*