

## darktable - Bug #9885

### Viewing large collections in lighttable is slow

04/03/2014 12:07 AM - Pedro Côrte-Real

<b>Status:</b>	Fixed	<b>Start date:</b>	04/02/2014
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for next major release	<b>bitness:</b>	64-bit
<b>Affected Version:</b>	git stable branch	<b>hardware architecture:</b>	amd64/x86
<b>System:</b>	all		

#### Description

Viewing large collections in lighttable is very slow. The thumbnails take a very long time to show up. Here's what another user reported on darktable-users, including a video comparing darktable with digikam on the same set of images:

<https://www.mail-archive.com/darktable-users@lists.sourceforge.net/msg04214.html>

The problem seems to be that darktable doesn't do disk-based caching of thumbnails, so if all the thumbnails don't fit in cache to page through a large collection thumbnails need to be generated again. Here's the discussion on darktable-devel on potential ways to change the caching behavior to fix this:

<http://sourceforge.net/p/darktable/mailman/message/32177216/>

Basically finding a low-impact way of caching small thumbnails on disk to use in the lighttable view could potentially make it much faster.

#### History

##### #1 - 04/08/2014 09:04 PM - Pedro Côrte-Real

A working proof-of-concept of additional on-disk caching is available here:

<https://github.com/pedrocr/darktable/tree/diskcache>

##### #2 - 03/08/2015 02:16 PM - Pedro Côrte-Real

- *Affected Version* changed from *git development version* to *git stable branch*

- *% Done* changed from *0* to *100*

- *Target version* set to *Candidate for next major release*

- *Status* changed from *New* to *Fixed*

This is fixed in current git with the new disk cache, will be in 2.0 when we release that.