

## darktable - Bug #12417

### Snapshot files name clash when multiple users use darktable (/tmp/dt\_snapshot\_\$.png)

11/22/2018 07:58 PM - Matthieu Moy

<b>Status:</b>	New	<b>Start date:</b>	11/22/2018
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Darkroom	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Affected Version:</b>	git master branch	<b>bitness:</b>	64-bit
<b>System:</b>	Ubuntu	<b>hardware architecture:</b>	amd64/x86

#### Description

When creating a snapshot, dt creates a file named /tmp/dt\_snapshot\_\$.png, where \$i is the number of the given snapshot.

When multiple users use dt on the same machine, the second user will try to create /tmp/dt\_snapshot\_1.png, which already exists, and the snapshot will fail.

Files should be named in a unique manner, eg. /tmp/\$LOGNAME/dt\_snapshot\_\$.png or /tmp/dt\_snapshot\_\$\$\_\$.png (\$LOGNAME being the username, and \$\$ the PID of the darktable instance).

#### History

##### #1 - 11/22/2018 08:00 PM - dar ix

they could probably be in .cache/darktable/ instead of /tmp/

##### #2 - 11/22/2018 09:31 PM - Matthieu Moy

It's not really a cache: it won't ever be re-used. So /tmp is really the place where it should be IMHO (trashed on reboot, won't eat your disk space if you forget to clean it).

##### #3 - 11/23/2018 11:59 AM - Pascal Obry

So we probably just want to add the process id in the name, something like : /tmp/dt\_\$.pid\_snapshot\_\$.png

##### #4 - 11/23/2018 12:01 PM - Matthieu Moy

This will work, yes.

I like when software create a directory in /tmp/ to avoid putting too many files without any hierarchy (e.g Firefox creating a /tmp/mozilla\_\$.LOGNAME), but that's a separate and much less serious issue.