

/home/danny/programs/art-master-debug/ART

\*\* (process:7115): WARNING \*\*: 16:23:41.402: [Lensfun] /usr/share/lensfun/version\_1/mil-leica.xml:3:1: Database version is 2, but supported is only 1!

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**==7115==ERROR: AddressSanitizer: new-delete-type-mismatch on 0x6080000e8520 in thread T0:**

```
object passed to delete has wrong type:
size of the allocated type: 88 bytes;
size of the deallocated type: 48 bytes.
#0 0x7f93c65fb9c8 in operator delete(void*, unsigned long)
(/usr/lib/x86_64-linux-gnu/libasan.so.4+0xe19c8)
#1 0x5599d7cf61a9 in sigc::slot2<bool, Glib::RefPtr<Gtk::TreeModel> const&, Gtk::TreeIter
const&>::~slot2() /usr/include/sigc++-2.0/sigc++/functors/slot.h:752
#2 0x5599d7cf61c5 in sigc::slot<bool, Glib::RefPtr<Gtk::TreeModel> const&, Gtk::TreeIter
const&, sigc::nil, sigc::nil, sigc::nil, sigc::nil, sigc::nil>::~slot()
/usr/include/sigc++-2.0/sigc++/functors/slot.h:1877
#3 0x5599d7ce8f51 in PlacesBrowser::PlacesBrowser()
/home/danny/programs/code-art/rtgui/placesbrowser.cc:78
#4 0x5599d79cadb1 in FilePanel::FilePanel()
/home/danny/programs/code-art/rtgui/filepanel.cc:38
#5 0x5599d7e678c9 in RTWindow::RTWindow() /home/danny/programs/code-art/rtgui/rtwindow.cc:331
#6 0x5599d7be25da in create_rt_window /home/danny/programs/code-art/rtgui/main.cc:257
#7 0x5599d7be596c in main /home/danny/programs/code-art/rtgui/main.cc:566
#8 0x7f93c08a5b96 in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x21b96)
#9 0x5599d75c3999 in _start (/home/danny/programs/art-master-debug/ART+0x974999)
```

0x6080000e8520 is located 0 bytes inside of 88-byte region [0x6080000e8520,0x6080000e8578) allocated by thread T0 here:

```
#0 0x7f93c65fa448 in operator new(unsigned long)
(/usr/lib/x86_64-linux-gnu/libasan.so.4+0xe0448)
#1 0x5599d7cf8a7c in sigc::slot2<bool, Glib::RefPtr<Gtk::TreeModel> const&, Gtk::TreeIter
const&>::slot2<sigc::bound_mem_functor2<bool, PlacesBrowser, Glib::RefPtr<Gtk::TreeModel> const&,
Gtk::TreeIter const&> >(sigc::bound_mem_functor2<bool, PlacesBrowser,
Glib::RefPtr<Gtk::TreeModel> const&, Gtk::TreeIter const&> const&) /usr/include/sigc++-2.0/sigc+
+/functors/slot.h:787
#2 0x5599d7cf6b3c in sigc::slot<bool, Glib::RefPtr<Gtk::TreeModel> const&, Gtk::TreeIter
const&, sigc::nil, sigc::nil, sigc::nil, sigc::nil,
sigc::nil>::slots<sigc::bound_mem_functor2<bool, PlacesBrowser, Glib::RefPtr<Gtk::TreeModel>
const&, Gtk::TreeIter const&> >(sigc::bound_mem_functor2<bool, PlacesBrowser,
Glib::RefPtr<Gtk::TreeModel> const&, Gtk::TreeIter const&> const&) /usr/include/sigc++-2.0/sigc+
+/functors/slot.h:1890
#3 0x5599d7ce8f30 in PlacesBrowser::PlacesBrowser()
/home/danny/programs/code-art/rtgui/placesbrowser.cc:78
#4 0x5599d79cadb1 in FilePanel::FilePanel()
/home/danny/programs/code-art/rtgui/filepanel.cc:38
#5 0x5599d7e678c9 in RTWindow::RTWindow() /home/danny/programs/code-art/rtgui/rtwindow.cc:331
#6 0x5599d7be25da in create_rt_window /home/danny/programs/code-art/rtgui/main.cc:257
#7 0x5599d7be596c in main /home/danny/programs/code-art/rtgui/main.cc:566
#8 0x7f93c08a5b96 in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x21b96)
```

**SUMMARY: AddressSanitizer: new-delete-type-mismatch**

**(/usr/lib/x86\_64-linux-gnu/libasan.so.4+0xe19c8) in operator delete(void\*, unsigned long)**

**==7115==HINT: if you don't care about these errors you may set**

**ASAN\_OPTIONS=new\_delete\_type\_mismatch=0**

**==7115==ABORTING**

danny@danny-OptiPlex-790 ~/programs/code-art/tools \$ cd ../../

danny@danny-OptiPlex-790 ~/programs \$ cd art-master-debug/

danny@danny-OptiPlex-790 ~/programs/art-master-debug \$

ASAN\_OPTIONS=new\_delete\_type\_mismatch=0 ./ART

\*\* (process:7162): WARNING \*\*: 16:30:03.636: [Lensfun] /usr/share/lensfun/version\_1/mil-leica.xml:3:1: Database version is 2, but supported is only 1!

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**==7162==ERROR: AddressSanitizer: heap-use-after-free on address 0x613000291ed8 at pc 0x55fd0bb2f4d9 bp 0x7feb8459ab20 sp 0x7feb8459ab10  
READ of size 1 at 0x613000291ed8 thread T6 (pool)**

```
#0 0x55fd0bb2f4d8 in rtengine::generateLabMasks(rtengine::Imagefloat*,
std::vector<rtengine::procparams::Mask, std::allocator<rtengine::procparams::Mask> > const&, int,
int, int, int, double, bool, int, std::vector<array2D<float>, std::allocator<array2D<float> > >*,
std::vector<array2D<float>, std::allocator<array2D<float> > >*)
/home/danny/programs/code-art/rtengine/labmasks.cc:489
#1 0x55fd0bb5874c in rtengine::ImProcFunctions::textureBoost(rtengine::Imagefloat*)
/home/danny/programs/code-art/rtengine/iptextureboost.cc:186
#2 0x55fd0b7656f7 in bool rtengine::ImProcFunctions::apply<bool, bool
(rtengine::ImProcFunctions::*)(rtengine::Imagefloat*)>(bool (rtengine::ImProcFunctions::*)
(rtengine::Imagefloat*), rtengine::Imagefloat*)
/home/danny/programs/code-art/rtengine/improcfun.cc:851
#3 0x55fd0b7617b5 in rtengine::ImProcFunctions::process(rtengine::ImProcFunctions::Pipeline,
rtengine::ImProcFunctions::Stage, rtengine::Imagefloat*)
/home/danny/programs/code-art/rtengine/improcfun.cc:891
#4 0x55fd0ba527f4 in rtengine::Thumbnail::processImage(rtengine::procparams::ProcParams
const&, rtengine::SensorType, int, rtengine::TypeInterpolation, rtengine::FramesMetaData const*,
double&, bool, bool) /home/danny/programs/code-art/rtengine/rtthumbnail.cc:1102
#5 0x55fd0b4379d0 in Thumbnail::processThumbImage(rtengine::procparams::ProcParams const&,
int, double&) /home/danny/programs/code-art/rtgui/thumbnail.cc:647
#6 0x55fd0b42c342 in ThumbImageUpdater::Impl::processNextJob() /home/danny/programs/code-art/
rtgui/thumbimageupdater.cc:162
#7 0x55fd0b42ea4e in sigc::bound_mem_functor0<void, ThumbImageUpdater::Impl>::operator()()
const /usr/include/sigc++-2.0/sigc++/functors/mem_fun.h:1991
#8 0x55fd0b42e8a1 in sigc::adaptor_functor<sigc::bound_mem_functor0<void,
ThumbImageUpdater::Impl> >::operator()() const
/usr/include/sigc++-2.0/sigc++/adaptors/adaptor_trait.h:256
#9 0x55fd0b42e316 in sigc::internal::slot_call0<sigc::bound_mem_functor0<void,
ThumbImageUpdater::Impl>, void>::call_it(sigc::internal::slot_rep*) /usr/include/sigc++-2.0/sigc+
+/functors/slot.h:114
#10 0x7feb99d35990 (/usr/lib/x86_64-linux-gnu/libglibmm-2.4.so.1+0x5d990)
#11 0x7feb9abdb3f (/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x74b3f)
#12 0x7feb9abdb174 (/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x74174)
#13 0x7feb9682b6da in start_thread (/lib/x86_64-linux-gnu/libpthread.so.0+0x76da)
#14 0x7feb9655488e in __clone (/lib/x86_64-linux-gnu/libc.so.6+0x12188e)
```

0x613000291ed8 is located 88 bytes inside of 384-byte region [0x613000291e80,0x613000292000) freed by thread T8 (pool) here:

```
#0 0x7feb9c1a77a8 in __interceptor_free (/usr/lib/x86_64-linux-gnu/libasan.so.4+0xde7a8)
#1 0x7feb9ab8dcd5 in g_key_file_get_string_list (/usr/lib/x86_64-linux-gnu/libglib-
2.0.so.0+0x44cd5)
#2 0x3dbc34c52a2de7ff (<unknown module>)
```

previously allocated by thread T8 (pool) here:

```
#0 0x7feb9c1a7b40 in __interceptor_malloc (/usr/lib/x86_64-linux-gnu/libasan.so.4+0xdeb40)
#1 0x7feb9ab9aab8 in g_malloc (/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x51ab8)
#2 0x3dbc34c52a2de7ff (<unknown module>)
```

Thread T6 (pool) created by T0 here:

```
#0 0x7feb9c100d2f in __interceptor_pthread_create
(/usr/lib/x86_64-linux-gnu/libasan.so.4+0x37d2f)
#1 0x7feb9abdb40f (/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x9240f)
```

Thread T8 (pool) created by T0 here:

```
#0 0x7feb9c100d2f in __interceptor_pthread_create
(/usr/lib/x86_64-linux-gnu/libasan.so.4+0x37d2f)
#1 0x7feb9abdb40f (/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x9240f)
```

**SUMMARY: AddressSanitizer: heap-use-after-free**

**/home/danny/programs/code-art/rtengine/labmasks.cc:489**

**in rtengine::generateLabMasks(rtengine::Imagefloat\*, std::vector<rtengine::proparams::Mask, std::allocator<rtengine::proparams::Mask> > const&, int, int, int, int, double, bool, int, std::vector<array2D<float>, std::allocator<array2D<float> > >\*, std::vector<array2D<float>, std::allocator<array2D<float> > >\*)**

Shadow bytes around the buggy address:

```
0x0c268004a380: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 fa fa fa
0x0c268004a390: fa fa fa fa fa fa fa fa fd fd fd fd fd fd fd fd
0x0c268004a3a0: fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd
0x0c268004a3b0: fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd
0x0c268004a3c0: fd fd fd fd fd fd fd fd fa fa fa fa fa fa fa fa
=>0x0c268004a3d0: fd fd fd fd fd fd fd fd fd fd fd fd[fd]fd fd fd fd
0x0c268004a3e0: fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd
0x0c268004a3f0: fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd fd
0x0c268004a400: fa fa fa fa fa fa fa fa 00 00 00 00 00 00 00 00
0x0c268004a410: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x0c268004a420: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

Shadow byte legend (one shadow byte represents 8 application bytes):

```
Addressable:                00
Partially addressable:     01 02 03 04 05 06 07
Heap left redzone:         fa
Freed heap region:         fd
Stack left redzone:        f1
Stack mid redzone:         f2
Stack right redzone:       f3
Stack after return:        f5
Stack use after scope:     f8
Global redzone:            f9
Global init order:         f6
Poisoned by user:          f7
Container overflow:        fc
Array cookie:              ac
Intra object redzone:      bb
ASan internal:             fe
Left alloca redzone:       ca
Right alloca redzone:      cb
```

==7162==ABORTING

danny@danny-OptiPlex-790 ~/programs/art-master-debug \$