
Subject: Event display weird behaviour

Posted by lanyizsombor on Thu, 16 Mar 2017 20:23:42 GMT

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Hi Dima,

The event displayer's (eg. the one located at /R3BRoot/macros/r3b/eventDisplay.C) behaviour is weird, the colors are not well set, everything's color is the same, and the shadowing isn't good too. Beside that problem, when I close the Eve Main Window, root crashes. I uploaded a picture of the display, and here is the crash message:

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There was a crash (kSigSegmentationViolation).
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This is the entire stack trace of all threads:
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#0 0xb773dc31 in __kernel_vsyscall ()
#1 0xb6f5dfb3 in __waitpid_nocancel () at ../sysdeps/unix/syscall-template.S:84
#2 0xb6ee89d6 in do_system (line=0xdc7a7b0
"/home/lanyi/FairSoft/build-may16p1/share/root/etc/gdb-backtrace.sh 9380 1>&2") at
../sysdeps/posix/system.c:148
#3 0xb758f42b in TUnixSystem::Exec (this=0x8e21698, shellcmd=0xdc7a7b0
"/home/lanyi/FairSoft/build-may16p1/share/root/etc/gdb-backtrace.sh 9380 1>&2") at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:2118
#4 0xb758fca6 in TUnixSystem::StackTrace (this=0x8e21698) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:2405
#5 0xb75936fa in TUnixSystem::DispatchSignals (this=0x8e21698,
sig=kSigSegmentationViolation) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:3663
#6 0xb758b480 in SigHandler (sig=kSigSegmentationViolation) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:408
#7 0xb7593655 in sighandler (sig=11) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:3640
#8 0xb7584a9f in textinput::TerminalConfigUnix::HandleSignal (this=0xb7705400
<textinput::TerminalConfigUnix::Get()::s>, signum=11) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/textinput/src/text
input/TerminalConfigUnix.cpp:100
#9 0xb7584793 in (anonymous namespace)::TerminalConfigUnix__handleSignal (signum=11)
at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/textinput/src/text
input/TerminalConfigUnix.cpp:36
#10 <signal handler called>
#11 0x0dc7b8a0 in ?? ()
#12 0xb74f271c in TObjArray::Delete (this=0xdc5e580, opt=0xa37856c1 "") at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/cont/src/TObjArray.cxx:355
#13 0xa36ce649 in TGeoManager::~TGeoManager (this=0xdc4f6c8, __in_chrg=<optimized
out>) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/geom/geom/src/TGeoManag
er.cxx:673
#14 0xa36ceaab in TGeoManager::~TGeoManager (this=0xdc4f6c8, __in_chrg=<optimized
out>) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/geom/geom/src/TGeoManag
er.cxx:691
#15 0xb74e86de in TCollection::GarbageCollect (obj=0xdc4f6c8) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/cont/src/TCollection.cxx:590
#16 0xb74edf73 in TList::Delete (this=0x8e31680, option=0xb75c6b03 "") at
```

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/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/cont/src/TList.cxx :461
#17 0xb739eab5 in TROOT::EndOfProcessCleanups (this=0xb76df440
<ROOT::Internal::GetROOT1()::alloc>) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TROOT.cxx :1112
#18 0xb758f4d4 in TUnixSystem::Exit (this=0x8e21698, code=0, mode=true) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:2153
#19 0xb74448ee in TApplication::Terminate (this=0x8e52cf0, status=0) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TApplication.cxx:1227
#20 0xb7720eca in TRint::Terminate (this=0x8e52cf0, status=0) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :694
#21 0xb7443297 in TApplication::ProcessLine (this=0x8e52cf0, line=0xbfe211 ".q",
sync=false, err=0xbfe21184) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TApplication.cxx:877
#22 0xb772124d in TRint::ProcessLineNr (this=0x8e52cf0, filestem=0xb772ebef
"ROOT_prompt_", line=0xbfe211 ".q", error=0xbfe21184) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :764
#23 0xb7720a0b in TRint::HandleTermInput (this=0x8e52cf0) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :610
#24 0xb771e439 in TTermInputHandler::Notify (this=0x942f3d0) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :132
#25 0xb77222b6 in TTermInputHandler::ReadNotify (this=0x942f3d0) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :124
#26 0xb758d703 in TUnixSystem::CheckDescriptors (this=0x8e21698) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:1321
#27 0xb758c9f3 in TUnixSystem::DispatchOneEvent (this=0x8e21698, pendingOnly=false) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:1076
#28 0xb74aa6fd in TSystem::InnerLoop (this=0x8e21698) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TSystem.cxx:408
#29 0xb74aa4b5 in TSystem::Run (this=0x8e21698) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TSystem.cxx:358
#30 0xb744466f in TApplication::Run (this=0x8e52cf0, retn=false) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TApplication.cxx:1153
#31 0xb771fcff in TRint::Run (this=0x8e52cf0, retn=false) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :463
#32 0x08048f86 in main (argc=1, argv=0xbff005e4) at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/main/src/rmain.cxx:30
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The lines below might hint at the cause of the crash.
You may get help by asking at the ROOT forum <http://root.cern.ch/forum>.
Only if you are really convinced it is a bug in ROOT then please submit a
report at <http://root.cern.ch/bugs>. Please post the ENTIRE stack trace
from above as an attachment in addition to anything else
that might help us fixing this issue.

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=====
#11 0x0dc7b8a0 in ?? ()
#12 0xb74f271c in TObjArray::Delete (this=0xdc5e580, opt=0xa37856c1 "") at
/home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/cont/src/TObjArray.cxx:355
#13 0xa36ce649 in TGeoManager::~TGeoManager (this=0xdc4f6c8, __in_chrg=<optimized
out>) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/geom/geom/src/TGeoManag
er.cxx:673

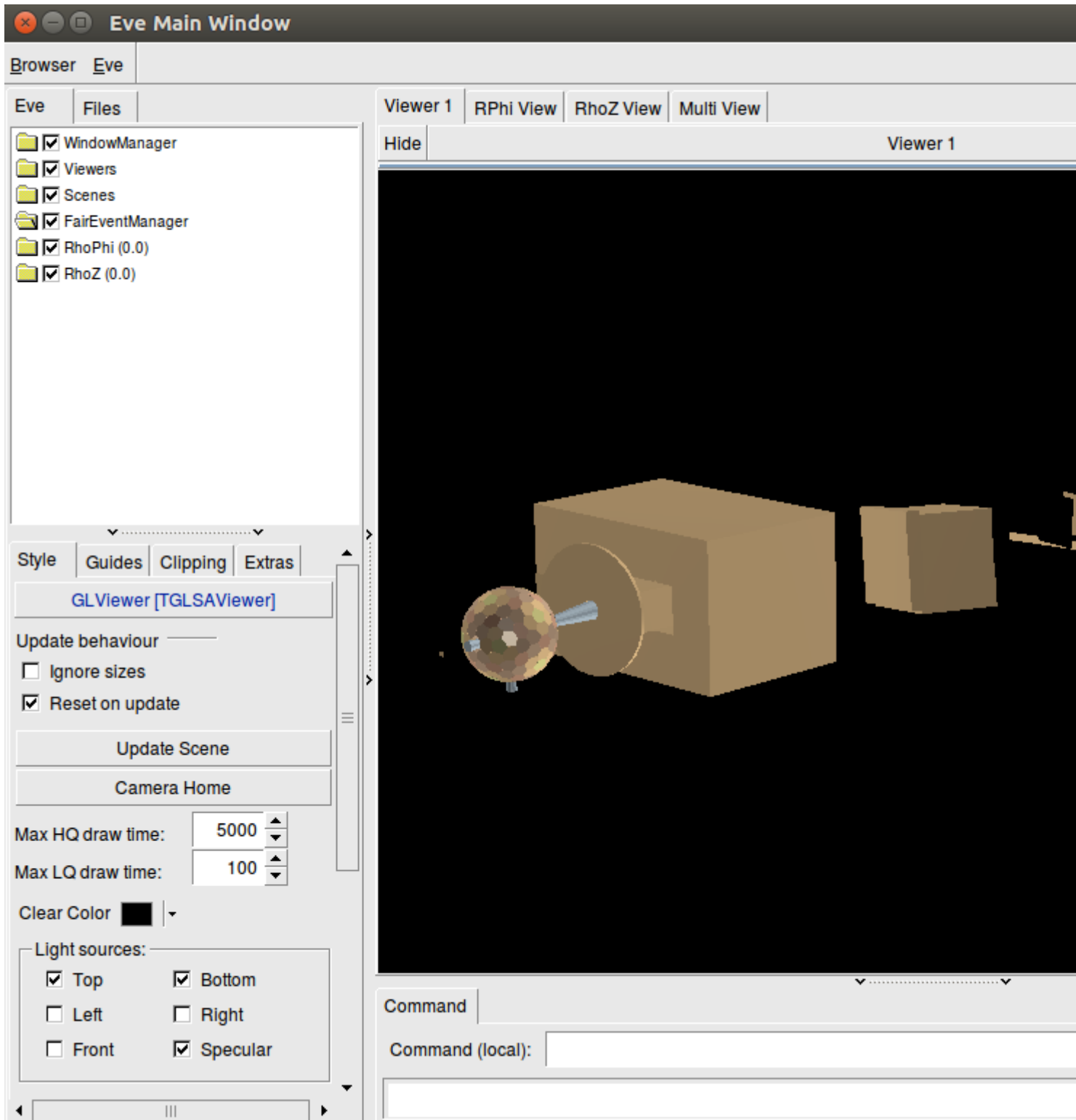
```

#14 0xa36ceaab in TGeoManager::~TGeoManager (this=0xdc4f6c8, __in_chrg=<optimized out>) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/geom/geom/src/TGeoManager.cxx:691
#15 0xb74e86de in TCollection::GarbageCollect (obj=0xdc4f6c8) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/cont/src/TCollection.cxx:590
#16 0xb74edf73 in TList::Delete (this=0x8e31680, option=0xb75c6b03 "") at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/cont/src/TList.cxx :461
#17 0xb739eab5 in TROOT::EndOfProcessCleanups (this=0xb76df440 <TROOT::Internal::GetROOT1()::alloc>) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TROOT.cxx :1112
#18 0xb758f4d4 in TUnixSystem::Exit (this=0x8e21698, code=0, mode=true) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/unix/src/TUnixSystem.cxx:2153
#19 0xb74448ee in TApplication::Terminate (this=0x8e52cf0, status=0) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/base/src/TApplication.cxx:1227
#20 0xb7720eca in TRint::Terminate (this=0x8e52cf0, status=0) at /home/lanyi/FairSoft/FairSoft-may16p1/tools/root/core/rint/src/TRint.cxx :694

Best regards,
Lányi Zsombor

File Attachments

1) [r3b.png](#), downloaded 339 times



2) [land.png](#), downloaded 320 times

