Subject: Re: Heap Leaks on Linux when migrating to new distro and newer UPP
Posted by jfranks on Sat, 24 Oct 2015 15:45:32 GMT
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We have made good progress at identifying and correcting the heap leaks in our application.
Additional tools were used in order to accomplish this, i.e., compile
with CLANG, and use asan.

The U++ snapshot that we are now using is upp-x11-src-9004.tar.gz

We are left with two heap leaks that we have yet to resolve.
Memory breakpoint 22748 is in our own application and we take ownership of that issue.

However, memory breakpoint 22235 is a real puzzle because it is almost exclusively is in U++ library.
Here is the log-file followed by a snapshot of the debugger call-stack:

```
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 /home/svn/P101/trunk/Source/Build/upp.out/P101/CLANG.Debug.D
ebug_Full.Gui.Mt.Newerupp.Noblitz.Shared.Stacktrace.X11/p101 21.10.2015 15:27:03, user:
administrator

Heap leaks detected:

--memory-breakpoint__ 22748 : Memory at 0x0x7fd0c21bd9a0, size 0x58 = 88
   +0 0x00007FD0C21BD9A0 60 D6 48 01 00 00 00 00 00 00 00 00 00 00 00 00    `.H.............
  +16 0x00007FD0C21BD9B0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
  +32 0x00007FD0C21BD9C0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
  +48 0x00007FD0C21BD9D0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................

--memory-breakpoint__ 22235 : Memory at 0x0x7fd0ce6b7720, size 0x68 = 104
   +0 0x00007FD0CE6B7720 10 72 48 01 00 00 00 00 00 01 65 65 46 72 65 65    .rH.......eeFree
  +16 0x00007FD0CE6B7730 00 87 07 C2 D0 7F 00 00 14 00 00 00 01 00 00 00    .....•..........
  +32 0x00007FD0CE6B7740 60 00 00 00 00 00 00 00 00 00 10 00 00 00 00 00 00 `...............
  +48 0x00007FD0CE6B7750 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
***************** PANIC: Heap leaks detected!
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```

Can someone help on this particular issue?

File Attachments

1) memory-breakpoint-22235.jpg, downloaded 555 times