
Subject: [PATCH 0/2] cryo: Re-enable checkpointing of thread area

Posted by [Benjamin Thery](#) on Wed, 11 Jun 2008 14:13:50 GMT

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I found the cause of one of the general protection faults I saw with my test program and I finally managed to completely restart (a very dumb) program for the first time!

My program was failing (GPF) at restart in glibc code. After some debugging I found the failures occur on `SINGLE_THREAD_P` calls (eg. `glibc/sysdeps/posix/system.c:__libc_system()`).

I suspected a problem with `nptl` and remembered the comments in `cr.c` ("for redhat 9.0, NPTL") and in `cr.txt` ("Support linuxthreads, but not NPTL."). I uncommented this code that checkpoints the thread area (don't ask me what it is) and, voila, my program restarted!

It doesn't solve everything: I still have issues restarting the 'sleep' program.

Benjamin

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Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
