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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 mailing list

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

Posted by [Benjamin Thery](#) on Wed, 11 Jun 2008 14:41:44 GMT

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Benjamin Thery wrote:

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> my test program and I finally managed to completely restart (a very  
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> (don't ask me what it is) and, voila, my program restarted!

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

> program.

I spoke too fast... in fact I have no more issue with sleep or mksysvipc programs. They both restart fine now. :)

Benjamin

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