Subject: Re: [ckrm-tech] [PATCH 4/6] containers: Simple CPU accounting container subsystem
Posted by Balbir Singh on Wed, 10 Jan 2007 14:21:41 GMT

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Paul Menage wrote:
> This demonstrates how to use the generic container subsystem for a
> simple resource tracker that counts the total CPU time used by all
> processes in a container, during the time that they're members of the
> container.
>
> Signed-off-by: Paul Menage <menage@google.com>
>

Hi, Paul,

I have run into a problem running this patch on a powerpc box. Basically,
the machine panics as soon as I mount the container filesystem with

mount -t container -oall container /<mount point>, I see

cpu 0x2: Vector: 300 (Data Access) at [c0000001e7f2b8e0]
   pc: c000000000098b70: .cpuacct_charge+0x84/0xbc
   lr: c000000000060a3c: .account_user_time+0x60/0xb4
   sp: c0000001e7f2bb60
  msr: 8000000000009032
  dar: 48
 dsisr: 40000000
  current = 0xc0000001e7f0e800
  paca   = 0xc00000000071c300
   pid   = 0, comm = swapper

Analyzing the dump a bit further lead me to container_subsys_state().

I am trying to figure out the reason for the panic and trying to find
a fix. Since the introduction of whole hierarchy system, the debugging
has gotten a bit harder and taking longer, hence I was wondering if you
had any clues about the problem

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