
Subject: Re: mini-summit agenda

Posted by [Midori Sugaya](#) on Mon, 16 Jun 2008 01:49:34 GMT

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Hi Dhaval,

> There already is a CPU and a memory resource management based on top of
> cgroups in mainline. How is your implementation different from the one
> already in mainline?

Basic idea is similar as the cpusets that it will set caps for processes.
In our system, user set the period and maximum execution time for the
group of processes through the cgroup filesystem.

The different is that our implementation uses hrtimer (kernel timer)
functions to measure the time of execution for each process. It makes
our system independent from the scheduler.
I think the point is different from the mainline cpusets implementation.
Memory management is a simple mechanism to hook the pagefault function
to track the quantum of using pages for group of processes.

Our implementation is focus on the embedded system which is the demand
to control the task with absolute period and execution time and low overhead.

> > I hear cgroup meetnig will be held in Ottawa Linux kernel symposium, and
> > I would like to attend this meeting for sharing latest informations and
> > future roadmap of cgroups.
> > Could I attend the meeting?
> >
>
> Sure, it is open for all.

Thanks. I'm looking forward to joinig you.

Midori

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