Subject: Re: [ckrm-tech] [PATCH 4/7] UBC: syscalls (user interface)
Posted by Andrew Morton on Fri, 18 Aug 2006 17:38:20 GMT
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On Fri, 18 Aug 2006 10:29:16 -0700
Dave Hansen <haveblue@us.ibm.com> wrote:

> On Fri, 2006-08-18 at 09:42 -0700, Andrew Morton wrote:
> > I have this mad idea that you can divide a 128GB machine up into 256 fake
> > NUMA nodes, then you use each "node" as a 512MB unit of memory allocation.
> > So that 4.5GB job would be placed within an exclusive cpuset which has nine
> > "mems" (what are these called?) and voila: the job has a hard 4.5GB limit,
> > no kernel changes needed.
>
> Is this similar to Mel Gorman's zone-based anti-fragmentation approach?

I don't think so - it's using zones, but for a quite different thing.

> I thought he was discouraged from pursuing that at the VM summit.

That seemed to a be a 49%/51% call, iirc.