
Subject: Re: [PATCH 0/4] swapcgroup(v2)
Posted by [KOSAKI Motohiro](#) on Fri, 23 May 2008 06:00:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

> > Have you seen any real world example of this?
>
> At the unsophisticated end, there are lots of (Fortran) HPC applications
> with very large static array declarations but only "use" a small fraction
> of that. Those users know they only need a small fraction and are happy
> to volunteer small physical memory limits that we (admins/queuing
> systems) can apply.
>
> At the sophisticated end, the use of numerous large memory maps in
> parallel HPC applications to gain visibility into other processes is
> growing. We have processes with VSZ > 400GB just because they have
> 4GB maps into 127 other processes. Their physical page use is of
> the order 2GB.

Ah, agreed.
Fujitsu HPC user said similar things ago.

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
