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Subject: Re: [RFC][-mm] [2/2] Simple stats for memory resource controller  
Posted by [Balaji Rao](#) on Mon, 28 Apr 2008 16:00:29 GMT

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On Monday 14 April 2008 08:09:48 pm Balbir Singh wrote:

> Balaji Rao wrote:  
> > This patch implements trivial statistics for the memory resource controller.  
> >  
> > Signed-off-by: Balaji Rao <balajirao@gmail.com>  
> > CC: Balbir Singh <balbir@linux.vnet.ibm.com>  
> > CC: Dhaval Giani <dhaval@linux.vnet.ibm.com>  
> >  
> > diff --git a/mm/memcontrol.c b/mm/memcontrol.c  
> > index a860765..ca98b21 100644  
> > --- a/mm/memcontrol.c  
> > +++ b/mm/memcontrol.c  
> > @@ -47,6 +47,8 @@ enum mem\_cgroup\_stat\_index {  
> > /\*  
> > MEM\_CGROUP\_STAT\_CACHE, /\* # of pages charged as cache \*/  
> > MEM\_CGROUP\_STAT\_RSS, /\* # of pages charged as rss \*/  
> > + MEM\_CGROUP\_STAT\_PGPGIN\_COUNT, /\* # of pages paged in \*/  
> > + MEM\_CGROUP\_STAT\_PGPGOUT\_COUNT, /\* # of pages paged out \*/  
> >  
> > MEM\_CGROUP\_STAT\_NSTATS,  
> > };  
> > @@ -198,6 +200,13 @@ static void mem\_cgroup\_charge\_statistics(struct mem\_cgroup  
\*mem, int flags,  
> >   \_\_mem\_cgroup\_stat\_add\_safe(stat, MEM\_CGROUP\_STAT\_CACHE, val);  
> > else  
> >   \_\_mem\_cgroup\_stat\_add\_safe(stat, MEM\_CGROUP\_STAT\_RSS, val);  
> > +  
> > + if (charge)  
> > +   \_\_mem\_cgroup\_stat\_add\_safe(stat,  
> > +    MEM\_CGROUP\_STAT\_PGPGIN\_COUNT, 1);  
> > + else  
> > +   \_\_mem\_cgroup\_stat\_add\_safe(stat,  
> > +    MEM\_CGROUP\_STAT\_PGPGOUT\_COUNT, 1);  
> > }  
> >  
> > static struct mem\_cgroup\_per\_zone \*  
> > @@ -897,6 +906,8 @@ static const struct mem\_cgroup\_stat\_desc {  
> > } mem\_cgroup\_stat\_desc[] = {  
> >   [MEM\_CGROUP\_STAT\_CACHE] = { "cache", PAGE\_SIZE, },  
> >   [MEM\_CGROUP\_STAT\_RSS] = { "rss", PAGE\_SIZE, },  
> > + [MEM\_CGROUP\_STAT\_PGPGIN\_COUNT] = {"pgpgin", 1, },  
> > + [MEM\_CGROUP\_STAT\_PGPGOUT\_COUNT] = {"pgpgout", 1, },  
> > };  
> >

```
> > static int mem_control_stat_show(struct cgroup *cont, struct cftype *cft,
> >
>
> Acked-by: Balbir Singh <balbir@linux.vnet.ibm.com>
>
> Hi, Andrew,
>
> Could you please include these statistics in -mm.
>
> Balbir
>
>
Hi Andrew,
```

Now that Balbir Singh has ACKed it, could you please include it in -mm ?

--

Warm Regards,

Balaji Rao  
Dept. of Mechanical Engineering  
NITK

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

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