
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_PGPIN_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_PGPIN_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_PGPIN_COUNT] = {"pgpin", 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

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