
Subject: Re: [RFC][mm] [2/2] Simple stats for memory resource controller
Posted by [Balbir Singh](#) on Mon, 14 Apr 2008 14:40:52 GMT
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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
>
>

Andrew,

This should have been addressed to you in the first place. Resending.

--

Warm Regards,
Balbir Singh
Linux Technology Center
IBM, ISTL

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