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Subject: Re: [RFC] [PATCH] memory controller statistics  
Posted by [Balbir Singh](#) on Sun, 07 Oct 2007 05:56:59 GMT  
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Balbir Singh wrote:

> YAMAMOTO Takashi wrote:

>>> hi,

>>>

>>> i implemented some statistics for your memory controller.

>>>

>>> it's tested with 2.6.23-rc2-mm2 + memory controller v7.

>>> i think it can be applied to 2.6.23-rc4-mm1 as well.

>>>

>>> YAMOMOTO Takshi

>>>

>>> todo: something like nr\_active/inactive in /proc/vmstat.

>> here's the version i'm working on currently. any comments?

>>

>> changes from the previous version:

>>

>> - adapt to 2.6.23-rc8-mm2, container -> cgroup rename.

>> - reflect some of comments on this list.

>> - rename some macros as suggested by balbir

>> - sprinkle some inlines as suggested by balbir.

>> - remove "isolate" statistics

>> - remove PAGE\_CONTAINER\_CACHE hack and

>> add "flags" member to page\_container instead.

>> - make counters atomic\_long\_t.

>> - add some comments.

>> - coding style.

>> - implement nr\_active/nr\_inactive. they show numbers of pages on

>> per-cgroup lru lists.

>>

>> todo:

>> - consider to make counters per-cpu.

>> - more statistics.

>>

>> YAMAMOTO Takashi

>

> Hi, YAMAMOTO-San

>

> Looks much better, I did a quick review, it looks nice to me.

> I'll test the patches and get back.

>

> Thank you for working on this,

>

Forgot to mention one other detail, could we track the statistics

in bytes? We track usage and limit in bytes currently. I am open to opinions on this, but the last time we discussed numbers, tracking bytes was the preferred approach.

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Warm Regards,  
Balbir Singh  
Linux Technology Center  
IBM, ISTL

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Containers mailing list  
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