Subject: Re: Re: [RFC][PATCH] memory controller per zone patches take 2 [4/10]
calculate mapped ratio for mem
Posted by KAMEZAWA Hiroyuki on Thu, 22 Nov 2007 13:31:10 GMT
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>> Ah, This is what I do now.
>> ==
>> +/*
>> + * Calculate mapped_ratio under memory controller. This will be used in
>> + * vmscan.c for deteremining we have to reclaim mapped pages.
>> + */
>> +int mem_cgroup_calc_mapped_ratio(struct mem_cgroup *mem)
>> +{
>> +   long total, rss;
>> +
>> +   /*
>> +   * usage is recorded in bytes. But, here, we assume the number of
>> +   * physical pages can be represented by "long" on any arch.
>> +   */
>> +   total = (long) (mem->res.usage >> PAGE_SHIFT);
>> +   rss = (long)mem_cgroup_read_stat(&mem->stat, MEM_CGROUP_STAT_RSS);
>> +   return (int)((rss * 100L) / total);
>> +}
>> ==
>>
>> maybe works well.
>>
>> -Kame
>
>i meant that "/ total" can cause a division-by-zero exception.
>
ouch, ok, will fix.

-Kame

_____
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