Subject: Re: [-mm PATCH 6/8] Memory controller add per container LRU and reclaim (v2)
Posted by Balbir Singh on Tue, 10 Jul 2007 15:38:59 GMT
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YAMAMOTO Takashi wrote:
>> Add the meta_page to the per container LRU. The reclaim algorithm has been
>> modified to make the isolate_lru_pages() as a pluggable component. The
>> scan_control data structure now accepts the container on behalf of which
>> reclaims are carried out. try_to_free_pages() has been extended to become
>> container aware.
>>
>> Signed-off-by: Balbir Singh <balbir@linux.vnet.ibm.com>
>
> it seems that the number of pages to scan (nr_active/nr_inactive
> in shrink_zone) is calculated from NR_ACTIVE and NR_INACTIVE of the zone,
> even in the case of per-container reclaim. is it intended?
>
> YAMAMOTO Takashi

Good catch again! We do that for now since the per zone LRU is a superset
of the container LRU. I see this as an important TODO item for us -- to
move to reclaim statistics based on per container nr_active and nr_inactive
(to be added).

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 Warm Regards,
 Balbir Singh
 Linux Technology Center
 IBM, ISTL

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