
Subject: Re: [-mm PATCH 6/9] Memory controller add per container LRU and reclaim (v4)

Posted by [yamamoto](#) on Tue, 31 Jul 2007 05:14:59 GMT

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```
> +unsigned long mem_container_isolate_pages(unsigned long nr_to_scan,
> + struct list_head *dst,
> + unsigned long *scanned, int order,
> + int mode, struct zone *z,
> + struct mem_container *mem_cont,
> + int active)
> +{
> + unsigned long nr_taken = 0;
> + struct page *page;
> + unsigned long scan;
> + LIST_HEAD(mp_list);
> + struct list_head *src;
> + struct meta_page *mp;
> +
> + if (active)
> + src = &mem_cont->active_list;
> + else
> + src = &mem_cont->inactive_list;
> +
> + for (scan = 0; scan < nr_to_scan && !list_empty(src); scan++) {
> + mp = list_entry(src->prev, struct meta_page, lru);
```

what prevents another thread from freeing mp here?

```
> + spin_lock(&mem_cont->lru_lock);
> + if (mp)
> + page = mp->page;
> + spin_unlock(&mem_cont->lru_lock);
> + if (!mp)
> + continue;
```

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Containers mailing list

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