Subject: Re: [PATCH 6/6 mm] memcgroup: revert swap_state mods
Posted by KAMEZAWA Hiroyuki on Mon, 12 Nov 2007 05:17:54 GMT

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On Mon, 12 Nov 2007 04:57:03 +0000 (GMT)
Hugh Dickins <hugh@veritas.com> wrote:
> > Could I confirm a change in the logic ?
> >
> > * Before this patch, wrong swapcache charge is added to one who
> >   called try_to_free_page().
>
> try_to_free_pages? No, I don't think any wrong charge was made
> there.
Ah, sorry. I misundestood when it was added to swapcache...

> It was when reading in swap pages. The usual way is by
> swapin_readahead, which reads in a cluster of swap pages, which
> are quite likely to belong to different memcgroups, but were all
> charged to the one which is doing the fault on its target page.
> Another way is in swapoff, where they all got charged to whoever
> was doing the swapoff (and the charging in unuse_pte was a no-op).
>
I see.

> > * After this patch, anonymous page's charge will drop to 0 when
> >   page_remove_rmap() is called.
>
> Yes, when its final (usually its only) page_remove_rmap is called.
>
Thank you for confirmation !

Regards,
-Kame

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