Subject: Re: [PATCH 4/7] chained slab caches: move pages to a different cache when a cache is destroyed.
Posted by Suleiman Souhlal on Tue, 21 Feb 2012 23:40:46 GMT

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On Tue, Feb 21, 2012 at 3:34 AM, Glauber Costa <glommer@parallels.com> wrote:
> In the context of tracking kernel memory objects to a cgroup, the
> following problem appears: we may need to destroy a cgroup, but
> this does not guarantee that all objects inside the cache are dead.
> This can't be guaranteed even if we shrink the cache beforehand.
>
> The simple option is to simply leave the cache around. However,
> intensive workloads may have generated a lot of objects and thus
> the dead cache will live in memory for a long while.

Why is this a problem?

Leaving the cache around while there are still active objects in it
would certainly be a lot simpler to understand and implement.

-- Suleiman