
Subject: Re: [PATCH v5 16/18] slab: propagate tunables values
Posted by [Christoph Lameter](#) on Tue, 23 Oct 2012 20:44:10 GMT
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On Mon, 22 Oct 2012, Glauber Costa wrote:

> On 10/19/2012 11:51 PM, Christoph Lameter wrote:
> > On Fri, 19 Oct 2012, Glauber Costa wrote:
> >
> >> SLAB allows us to tune a particular cache behavior with tunables.
> >> When creating a new memcg cache copy, we'd like to preserve any tunables
> >> the parent cache already had.
> >
> > SLAB and SLUB allow tuning. Could you come up with some way to put these
> > things into slab common and make it flexible so that the tuning could be
> > used for future allocators (like SLAM etc)?
> >
> They do, but they also do it very differently. Like slub uses sysfs,
> while slab don't.

Well yes that is something that I also want to make more general so that
all allocators support sysfs style display of status and tuning.

> I of course fully support the integration, I just don't think this
> should be a blocker for all kinds of work in the allocators. Converting
> slab to sysfs seems to be a major work, that you are already tackling.
> Were it simple, I believe it would be done already. Without it, this is
> pretty much a fake integration...

Well there is quite a bit of infrastructure that needs to be common in
order to get this done properly. I hope we will get around to that
someday.
