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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.

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