
Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4) (added user memory)

Posted by [Srivatsa Vaddagiri](#) on Tue, 12 Sep 2006 10:29:43 GMT

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On Tue, Sep 12, 2006 at 02:24:25PM +0400, Pavel Emelianov wrote:

> Srivatsa Vaddagiri wrote:

> > On Mon, Sep 11, 2006 at 11:02:06AM +0400, Pavel Emelianov wrote:

> >

> >> Sure. At the beginning I have one task with one BC. Then

> >> 1. A thread is spawned and new BC is created;

> >>

> >

> > Why do we have to create a BC for every new thread? A new BC is needed

> > for every new service level instead IMO. And typically there wont be

> > unlimited service levels.

> >

> That's the scenario we started from - each domain is served in a separate

> BC with *threaded* Apache.

Sure ..but you can still meet that requirement by creating fixed set of BCs (for each domain) and let each new thread be associated with a corresponding BC (w/o requiring to create BC for every new thread), depending on which domain's request it is serving?

> >

> >> 2. New thread touches a new page (e.g. maps a new file) which is charged

> >> to new BC

> >> (and this means that this BC's must stay in memory till page is

> >> uncharged);

> >> 3. Thread exits after serving the request, but since it's mm is shared

> >> with parent

> >> all the touched pages stay resident and, thus, the new BC is still

> >> pinned in memory.

> >> Steps 1-3 are done multiple times for new pages (new files).

> >> Remember that we're discussing the case when pages are not recharged.

> >>

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> Using Tomcat but need to do more? Need to support web services, security?

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>

> ckrm-tech mailing list
> <https://lists.sourceforge.net/lists/listinfo/ckrm-tech>

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Regards,
vatsa
