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

Posted by [Chandra Seetharaman](#) on Mon, 11 Sep 2006 18:47:09 GMT

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On Mon, 2006-09-11 at 11:02 +0400, Pavel Emelianov wrote:

<snip>

> >> In this case multithreaded apache that tries to serve each domain in
> >> separate BC will fill the memory with BC-s, held by pages allocated
> >> and mapped in threads.

> >>

> >

> > I do not understand how the memory will be filled with BCs. Can you
> > explain, please.

> >

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

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

You do not have to create a new BC for each new thread, just associate the thread to an existing appropriate BC.

> 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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> [ckrm-tech mailing list](#)

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

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Chandra Seetharaman | Be careful what you choose....

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