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

Posted by [Pavel Emelianov](#) on Tue, 12 Sep 2006 10:24:25 GMT

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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.

>

>> 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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