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

Posted by [Srivatsa Vaddagiri](#) on Mon, 11 Sep 2006 13:04:28 GMT

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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.

> 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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Regards,
vatsa
