
Subject: Re: [RFC][PATCH 3/7] Data structures changes for RSS accounting
Posted by [Dave Hansen](#) on Mon, 12 Mar 2007 16:48:04 GMT
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On Mon, 2007-03-12 at 19:16 +0300, Kirill Korotaev wrote:
> now VE2 maps the same page. You can't determine whether this page is mapped
> to this container or another one w/o page->container pointer.

Hi Kirill,

I thought we can always get from the page to the VMA. rmap provides this to us via page->mapping and the 'struct address_space' or anon_vma. Do we agree on that?

We can also get from the vma to the mm very easily, via vma->vm_mm, right?

We can also get from a task to the container quite easily.

So, the only question becomes whether there is a 1:1 relationship between mm_structs and containers. Does each mm_struct belong to one and only one container? Basically, can a threaded process have different threads in different containers?

It seems that we could bridge the gap pretty easily by either assigning each mm_struct to a container directly, or putting some kind of task-to-mm lookup. Perhaps just a list like mm->tasks_using_this_mm_list.

Not rocket science, right?

-- Dave

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>
