

---

Subject: Re: [RFC][PATCH 5/7] UBC: kernel memory accounting (core)

Posted by [Rohit Seth](#) on Thu, 17 Aug 2006 16:36:55 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Thu, 2006-08-17 at 01:22 +0100, Alan Cox wrote:

> Ar Mer, 2006-08-16 am 12:15 -0700, ysgrifennodd Rohit Seth:

> > resources will be allocated/freed in context of a user process. And at

> > that time we know if a allocation should succeed or not. So we may

> > actually not need to track kernel pages that closely.

>

> Quite the reverse, tracking kernel pages is critical,

Having the knowledge of how many kernel pages are getting used by each container is indeed very useful. But as long as the context in which they are created and destroyed is identifiable, there is no need to really physically tag each page with container id. And for the cases where we have no context, it will be worth while to see if mapping field could be used.

> user pages kind of

> balance out for many cases kernel ones don't.

>

It is useful to put limits on some group of applications. So it is really not only about balancing out.

-rohit

---