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

Posted by [Dave Hansen](#) on Thu, 17 Aug 2006 14:36:19 GMT

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

On Thu, 2006-08-17 at 17:31 +0400, Kirill Korotaev wrote:

> > How many things actually use this? Can we have the slab ubcs
> without
> > the struct page pointer?
> slab doesn't use this pointer on the page.
> It is used for pages allocated by buddy
> allocator implicitly (e.g. LDT pages, page tables, ...).

Hmmm. There aren't that many of those cases, right? Are there any that absolutely need raw access to the buddy allocator? I'm pretty sure that pagetables can be moved over to a slab, as long as we bump up the alignment.

It does seem a wee bit silly to have the pointer in all of the struct pages, even the ones for which we will never do any accounting (and even on kernels that never need it). But, a hashing scheme sounds like a fine idea.

-- Dave
