Subject: Re: [ckrm-tech] [RFC][PATCH 5/7] UBC: kernel memory accounting (core)
Posted by dev on Fri, 18 Aug 2006 08:27:46 GMT
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Rik van Riel wrote:
> Dave Hansen wrote:
>
>> My main thought is that _everybody_ is going to have to live with the
>> entry in the 'struct page'. Distros ship one kernel for everybody, and
>> the cost will be paid by those not even using any kind of resource
>> control or containers.
>
>
> Every userspace or page cache page will be in an object
> though. Could we do the pointer on a per object (mapping,
> anon vma, ...) basis?
in this case no memory fractions accounting is possible :/
please, note, this field added by this patchset is in union
and used by user pages accounting as well.

> Kernel pages are not using all of their struct page entries,
> so we could overload a field.
yeah, we can. probably mapping.
but as I said we use the same pointer for user pages accounting as well.

> It all depends on how much we really care about not growing
> struct page :)
so what is your opinion?
Kernel compiled w/o UBC do not introduce additional pointer.

Thanks,
Kirill