Subject: Re: [PATCH 5/8] RSS accounting hooks over the code
Posted by Balbir Singh on Fri, 01 Jun 2007 06:48:10 GMT
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Andrew Morton wrote:
> On Wed, 30 May 2007 19:34:18 +0400
> Pavel Emelianov <xemul@openvz.org> wrote:
>
>> As described above, pages are charged to their first touchers.
>> The first toucher is determined using pages' _mapcount
>> manipulations in rmap calls.
>>
>> Page is charged in two stages:
>> 1. preparation, in which the resource availability is checked.
>>   This stage may lead to page reclamation, thus it is performed
>>   in a "might-sleep" places;
>> 2. the container assignment to page. This is done in an atomic
>>   code that handles races between multiple touchers.
>
> I suppose we need to think about what to do about higher-order pages, and
> compound pages, and hugetlb memory.

Yes, that needs to be done eventually. I feel that support can be added
incrementally once we have a stable controller.

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 Warm Regards,
 Balbir Singh
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