Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4) (added user memory)
Posted by Balbir Singh on Thu, 14 Sep 2006 08:06:54 GMT
View Forum Message <> Reply to Message

Pavel Emelianov wrote:

> I don't understand your idea. Limit does _not_ imply anything - it's
> just a limit.
> You may limit anything to anyone w/o bothering the consequences.
> Guarantee implies that the resource you guarantee will be available and
> this "will be" is something not that easy.
>
> So I repeat my question - how can you be sure that these X megabytes you
> guarantee to some group won't be used by others so that you won't be able
> to reclaim them?
>
>

May be we can treat a guarantee as a soft guarantee. A soft
guarantee would imply that when a group needs its guaranteed resources, the
system makes its best effort to make it available.

In soft guarantees, resources not actively used by a group can be shared with
other groups.

Hard guarantees would probably require reserving the resource in advance and
sharing of the resources not used, with other groups, might not be possible.

Comments?

--

 Balbir Singh,
 Linux Technology Center,
 IBM Software Labs