
Subject: Re: [ckrm-tech] [PATCH] BC: resource beancounters (v4) (added user memory)

Posted by [Pavel Emelianov](#) on Tue, 19 Sep 2006 08:06:39 GMT

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Chandra Seetharaman wrote:

> On Mon, 2006-09-18 at 16:37 +0400, Pavel Emelianov wrote:

>

>> Balbir Singh wrote:

>>

>> [snip]

>>

>>> The program (calculate_limits()) listed on the website does not work for

>>> the following case

>>>

>>> N=2;

>>> R=100;

>>> g[2] = {30, 30};

>>>

>>>

>>> The output is -10 and -10 for the limits

>>>

>>> For

>>>

>>> N=3;

>>> R=100;

>>> g[3] = {30, 30, 10};

>>>

>>> I get -70, -70 and -110 as the limits

>>>

>>> Am I interpreting the parameters correctly? Or the program is broken?

>>>

>>>

>> Program on site is broken. Thanks for noticing:

>>

>> \$ gcc guar.c -o guar

>> \$./guar 30 30

>> guar lim

>> 30 70 (70/1)

>> 30 70 (70/1)

>> \$./guar 30 30 10

>> guar lim

>> 30 45 (90/2)

>> 30 45 (90/2)

>> 10 25 (50/2)

>>

>

> I am confused. Are you changing the parameters on how the user want the

> groups to be controlled.

>

Nope. I just calculate some auxiliary values to achieve the goal.

> They want the resource usage to be between 30 and 70, but you change it
> to be 30-45.

>

User wants group to consume at least 30%. I do provide it, but do not prevent it from consuming more.

>

>> To stop future "errors" remember that this is a simplified program that
>> considers guarantees to be $\leq 100\%$, sum of guarantees to be $\leq 100\%$ etc.

>>

>> -----

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>> ckrm-tech mailing list

>> <https://lists.sourceforge.net/lists/listinfo/ckrm-tech>

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