
Subject: Re: held and maxheld below barrier and limit but failcnt = 4

Posted by [kir](#) on Sun, 15 Apr 2007 18:50:03 GMT

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Franz STUMPNER wrote:

> I have the Problem that my /proc/user_beancounters displays an
> failcount of 4 at the privvmpages section:

>

> Version: 2.5

```
> uid resource held maxheld barrier limit failcnt
> 102: kmemsize 2827049 3378858 41840803 46024883 0
> lockedpages 0 0 2043 2043 0
> *privvmpages 118113 130716 173225 198547 4*
```

>

> How can it be that failcnt is 4 when the held and maxheld values are
> below the barrier an limit values?

> For me it means that the privvmpages never hit the barrier or limit,
> how can there be a failcnt!? Or I'm wrong?

That's easy -- the difference between privvmpages.maxheld and
privvmpages.barrier is $173225 - 130716 = 42509$. So if any application tries
to grab more than 42509 pages *at once*, it will get an error (most
probably ENOMEM), and the failcnt will be increased, but both held and
maxheld stays the same.
