

---

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

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

[View Forum Message](#) <> [Reply to Message](#)

---

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 and 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.

---