
Subject: Re: [PATCH 1/13] BC: atomic_dec_and_lock_irqsave() helper

Posted by [dev](#) on Fri, 10 Nov 2006 16:40:31 GMT

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

> Hello Kirill, Hello Pavel,

>

> Kirill Korotaev wrote:

>

>>Oleg Nesterov noticed to me that the construction like

>>(used in beancounter patches and free_uid()):

>>

>> local_irq_save(flags);

>> if (atomic_dec_and_lock(&refcnt, &lock))

>> ...

>>

>>is not that good for preemptible kernels, since with preemption

>>spin_lock() can schedule() to reduce latency. However, it won't schedule

>>if interrupts are disabled.

>>

>>So this patch introduces atomic_dec_and_lock_irqsave() as a logical

>>counterpart to atomic_dec_and_lock().

>

>

> You should probably send that one independently from the BC

> patchset.

Maybe, but BCs are the only user of this so far...

Thanks,

Kirill
