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Subject: Re: [RFC PATCH 5/6] IPC/sem: .show operation for /proc/pid/semundo  
Posted by [serue](#) on Wed, 25 Jun 2008 20:58:59 GMT

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Quoting Nadia.Derbey@bull.net (Nadia.Derbey@bull.net):

> PATCH [05/06]

>  
> This patch introduces the .show seq operation for /proc/pid/semundo.  
>  
>  
> Signed-off-by: Pierre Peiffer <pierre.peiffer@bull.net>  
> Signed-off-by: Nadia Derbey <Nadia.Derbey@bull.net>

Acked-by: Serge Hallyn <serue@us.ibm.com>

> ---  
> ipc/sem.c | 28 ++++++  
> 1 file changed, 28 insertions(+)  
>  
> Index: linux-2.6.26-rc5-mm3/ipc/sem.c  
> ======  
> --- linux-2.6.26-rc5-mm3.orig/ipc/sem.c 2008-06-24 12:54:40.000000000 +0200  
> +++ linux-2.6.26-rc5-mm3/ipc/sem.c 2008-06-24 12:59:15.000000000 +0200  
> @@ -1475,6 +1475,34 @@ static void semundo\_stop(struct seq\_file  
>  
> static int semundo\_show(struct seq\_file \*m, void \*v)  
> {  
> + struct undo\_list\_data \*data = m->private;  
> + struct ipc\_namespace \*ns = data->ipc\_ns;  
> + struct sem\_undo \*u = v;  
> + int nsems, i;  
> + struct sem\_array \*sma;  
> +  
> + /\*  
> + \* This semid has been deleted, ignore it.  
> + \* Even if we skipped all sem\_undo belonging to deleted semid  
> + \* in semundo\_next(), some more deletions may have happened.  
> + \*/  
> + if (u->semid == -1)  
> + return 0;  
> +  
> + seq\_printf(m, "%10d", u->semid);  
> +  
> + sma = sem\_lock(ns, u->semid);  
> + if (IS\_ERR(sma))  
> + goto out;  
> +  
> + nsems = sma->sem\_nsems;

```
> + sem_unlock(sma);
> +
> + for (i = 0; i < nsems; i++)
> + seq_printf(m, " %6d", u->semadj[i]);
> +
> +out:
> + seq_putc(m, '\n');
>   return 0;
> }
>
>
> --
```

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