
Subject: Re: [PATCH 12/15] Make NFS client use seq_list_xxx helpers
Posted by [Trond Myklebust](#) on Fri, 18 May 2007 17:42:02 GMT
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On Fri, 2007-05-18 at 14:04 +0400, Pavel Emelianov wrote:
> This includes /proc/fs/nfsfs/servers and /proc/fs/nfsfs/volumes
> entries.
>
> Both need to show the header and use the list_head.
>
> Signed-off-by: Pavel Emelianov <xemul@openvz.org>

Acked-by: Trond Myklebust <Trond.Myklebust@netapp.com>

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>
> ---
>
> diff --git a/fs/nfs/client.c b/fs/nfs/client.c
> index 50c6821..10355ec 100644
> --- a/fs/nfs/client.c
> +++ b/fs/nfs/client.c
> @@ -1232,23 +1232,9 @@ static int nfs_server_list_open(struct i
>  */
> static void *nfs_server_list_start(struct seq_file *m, loff_t *_pos)
> {
> - struct list_head *_p;
> - loff_t pos = *_pos;
> -
>  /* lock the list against modification */
>  spin_lock(&nfs_client_lock);
> -
> - /* allow for the header line */
> - if (!pos)
> - return SEQ_START_TOKEN;
> - pos--;
> -
> - /* find the n'th element in the list */
> - list_for_each(_p, &nfs_client_list)
> - if (!pos--)
> - break;
> -
> - return _p != &nfs_client_list ? _p : NULL;
> + return seq_list_start_head(&nfs_client_list, *_pos);
> }
>
> /*
> @@ -1256,14 +1242,7 @@ static void *nfs_server_list_start(struc
```

```

> */
> static void *nfs_server_list_next(struct seq_file *p, void *v, loff_t *pos)
> {
> - struct list_head *_p;
> -
> - (*pos)++;
> -
> - _p = v;
> - _p = (v == SEQ_START_TOKEN) ? nfs_client_list.next : _p->next;
> -
> - return _p != &nfs_client_list ? _p : NULL;
> + return seq_list_next(v, &nfs_client_list, pos);
> }
>
> /*
> @@ -1282,7 +1261,7 @@ static int nfs_server_list_show(struct s
> struct nfs_client *clp;
>
> /* display header on line 1 */
> - if (v == SEQ_START_TOKEN) {
> + if (v == &nfs_client_list) {
> seq_puts(m, "NV SERVER PORT USE HOSTNAME\n");
> return 0;
> }
> @@ -1323,23 +1302,9 @@ static int nfs_volume_list_open(struct i
> */
> static void *nfs_volume_list_start(struct seq_file *m, loff_t *_pos)
> {
> - struct list_head *_p;
> - loff_t pos = *_pos;
> -
> /* lock the list against modification */
> spin_lock(&nfs_client_lock);
> -
> - /* allow for the header line */
> - if (!pos)
> - return SEQ_START_TOKEN;
> - pos--;
> -
> - /* find the n'th element in the list */
> - list_for_each(_p, &nfs_volume_list)
> - if (!pos--)
> - break;
> -
> - return _p != &nfs_volume_list ? _p : NULL;
> + return seq_list_start_head(&nfs_volume_list, *_pos);
> }
>

```

```

> /*
> @@ -1347,14 +1312,7 @@ static void *nfs_volume_list_start(struc
> */
> static void *nfs_volume_list_next(struct seq_file *p, void *v, loff_t *pos)
> {
> - struct list_head *_p;
> -
> - (*pos)++;
> -
> - _p = v;
> - _p = (v == SEQ_START_TOKEN) ? nfs_volume_list.next : _p->next;
> -
> - return _p != &nfs_volume_list ? _p : NULL;
> + return seq_list_next(v, &nfs_volume_list, pos);
> }
>
> /*
> @@ -1375,7 +1333,7 @@ static int nfs_volume_list_show(struct s
> char dev[8], fsid[17];
>
> /* display header on line 1 */
> - if (v == SEQ_START_TOKEN) {
> + if (v == &nfs_volume_list) {
> seq_puts(m, "NV SERVER PORT DEV FSID\n");
> return 0;
> }
>

```
