
Subject: Re: [RFC][PATCH] Use struct pid reference in autofs rather than pid_t
Posted by [Sukadev Bhattiprolu](#) on Wed, 24 Jan 2007 06:55:52 GMT
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Yuck. My second glance did not catch any problems :-).

Will fix the ref count and split into two patches.

Thanks,

Suka

Eric W. Biederman [ebiederm@xmission.com] wrote:

| Sukadev Bhattiprolu <sukadev@us.ibm.com> writes:

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| > From: Sukadev Bhattiprolu <sukadev@us.ibm.com>
| > Subject: Use struct pid reference in autofs rather than pid_t
| >
| > Make autofs container-friendly by caching struct pid reference rather
| > than pid_t.

| Are autofs and autofs4 so tightly tied they must be converted together?
| If not 2 patches are more appropriate.

| Otherwise I'd say this looks fine at first glance.

| Just note that using struct pid protects from pid wraparound issues when
| dealing with user space so this should also be a small increase in
| correctness as well.

| At second glance this patch is very incorrect. It is missing get_pid
| and put_pid calls.

| The big difference between struct pid and pid_t values is that
| struct pid is reference counted.

| Your find_pid's should be find_get_pid's and you need the put_pids
| and unmount or whenever those values stop being valid.

| You also didn't take the required locks when using find_pid.

| Eric

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>
