
Subject: Re: [RFC][PATCH 0/6] Allow unsharing pid namespace

Posted by [ebiederm](#) on Sun, 11 Mar 2007 11:29:19 GMT

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sukadev@us.ibm.com writes:

- > From: Sukadev Bhattiprolu <sukadev@us.ibm.com>
- > Subject: [RFC][PATCH 0/6] Allow unsharing pid namespace.
- >
- > This patchset defines a struct pid_nr and uses this to allow
- > processes to unshare their pid namespace.
- >
- > struct pid_nr will hold [pid value, namespace] pair for each
- > struct pid* in use. The pid value used will be different for
- > each namespace the struct pid* is in use.
- >
- > A list of pid_nrs will be added to struct pid and used by the
- > kernel when using pid values(through pid_nr()).
- >
- >
- > [PATCH 1/6]:
- > Add struct pid_nr and associated helper functions.
- >
- > [PATCH 2/6]:
- > Reimplement the pid_nr() function using struct pid_nr.
- > i.e pid_nr() should return the pid_t of a process
- > depending on the pid namespace of the caller.
- >
- > [PATCH 3/6]:
- > Attach a list of struct pid_nrs to the struct pid.
- >
- > [PATCH 4/6]:
- > Statically allocate/initialize a struct pid_nr for
- > swapper process.
- >
- > [PATCH 5/6]:
- > Define helper functions used to unshare pid namespace.
- >
- > [PATCH 6/6]:
- > Implement unsharing of pid namespace.

You are missing anything to do with fixing the lookup in the pid hash table. That is a huge omission and unacceptable.

Eric

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