Subject: Re: [PATCH 0/3] clone64() and unshare64() system calls
Posted by hpa on Thu, 10 Apr 2008 01:10:57 GMT
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sukadev@us.ibm.com wrote:
>>
>> If you're going to make it a 64-bit pass it in as a 64-bit number, instead
>> of breaking it into two numbers.
>
> Maybe I am missing your point. The glibc interface could take a 64bit
> parameter, but don't we need to pass 32-bit values into the system call
> on 32 bit systems ?

Not as such, no. The ABI handles that. To make the ABI clean on some
architectures, it's good to consider a 64-bit value only in positions
where they map to an even:odd register pair once slotted in.

> Yes, this was discussed before in the context of Pavel Emelyanov's patch
>
> http://lkml.org/lkml/2008/1/16/109
>
> along with sys_indirect(). While there was no consensus, it looked like
> adding a new system call was better than open ended interfaces.

That's not really an open-ended interface, it's just an expandable bitmap.

 -hpa

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