Subject: Re: [Announce] Checkpoint-restore tool v0.1
Posted by cyrill on Tue, 31 Jul 2012 10:16:03 GMT
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On Tue, Jul 31, 2012 at 12:08:22PM +0200, richard -rw- weinberger wrote:
> On Tue, Jul 31, 2012 at 11:54 AM, Pavel Emelyanov <xemul@parallels.com> wrote:
> >> Yeah, but I fear it's not that easy.
> >> We'd have to change crtools to work without ptrace().
> >
> > Well, this is hard. Using ptrace saved us from having many special-purpose
> > APIs for dumping various stuff (there will be an article about it). Thus I
> > don't know which way is simpler -- stop using ptrace or teach ptrece to allow
> > several tracers to attach to one task %)
>
> Allowing multiple tracers in a safe way is IMHO even more harder.
>
> BTW: While reading prctl_set_mm() I noticed two things.
> 1. Why isn't the return value of find_vma() verified?

```
prctl_set_mm
 vma = find_vma(mm, addr);
 ...
 if (!vma) {
  error = -EFAULT;
  goto out;
 }
```

these values are used in procfs statistics only. So I don't get
which verify you mean here.

> It looks like one can set an addr which does not belong to any vma.
> 2. What will happen if addr is not page aligned?

you'll have a bit weird output in procfs stat (probably I should add
page alignment check here).

 Cyrill