
Subject: /dev/console virtualization, somehow?
Posted by [errge](#) on Fri, 27 Jul 2007 22:32:01 GMT
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Hi,

Can I somehow get /dev/console virtualized? I want a file (e.g. /var/log/boot.log) which shows boot messages after successful boot.

I tried to simply create a plain file as /dev/console, it works, but I don't see every message and messages get periodically overwritten.

I tried /sbin/init rename+CONSOLE env var hack, it works too, but I don't see every message (for example Debian's network initialization's output is surely not there).

Is there any plan to correctly virtualize /dev/console, terminals, etc., if there is, when can that happen?

'vzctl console 100' will be a very nice feature...

Thanks for your work,
Gergely

Subject: Re: /dev/console virtualization, somehow?
Posted by [rickb](#) on Sun, 29 Jul 2007 20:46:07 GMT
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I too am interested in this. I have hacked the startup routine a few times to chase down an init script problem where no logs are generated.

'vzctl console 100' would be great.

Rick

Subject: Re: /dev/console virtualization, somehow?
Posted by [den](#) on Mon, 30 Jul 2007 07:02:33 GMT
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I think that this could be solved in userspace without the kernel intervention.

The idea is simple:

- kernel boot messages will not be printed and they are not interested for the case
- userspace boot messages could be printed to ANY virtual terminal
- if allocate a terminal at startup by something like a 'screen' and link /dev/console to it the

messages will be there

The idea is not yet proven, but seems doable.

Regards,
Den
