
Subject: Re: Documentation on Development
Posted by [kir](#) on Fri, 11 May 2007 13:00:41 GMT
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Hello Christian,

To begin with, OpenVZ is 95% platform-independent that makes porting quite easy. We have already ported to POWER, although we don't have access to POWER hardware at the moment :(

We keep the sources of our kernels in git repository, see <http://git.openvz.org/>. You might start working with either 2.6.18-based or 2.6.20-based kernel, or both.

Regarding the porting process, there is some basic information on our wiki here: http://wiki.openvz.org/Porting_the_kernel. You can certainly post all your questions (and patches) here, and can rely on support from our kernel team.

Having said that, there is one feature that is very arch-specific. This is checkpointing, an ability to freeze a VE and dump its complete state into a file (and later restore it) -- a precursor for live migration feature. If you want to port this stuff, you need to dig deep into kernel/cpt/ and ask questions to this list.

As for the testing, aside from basic functionality, we usually run VE start/stop test -- the idea is to have many VEs starting and stopping in parallel -- trying to catch some locking bugs etc. Unfortunately we do not have any tests open sourced, but we will definitely want to help testing as well.

Christian Kaiser2 wrote:

> Hi all,
>
> I just started to do some research on OpenVZ. In about one week I will
> start to work on OpenVZ on POWER and later to I will try to get it work on
> Cell. I wanted to know if there are some more Documents concerning the
> OpenVZ Development? Is there a test suite or something like that to test
> OpenVZ?
>
